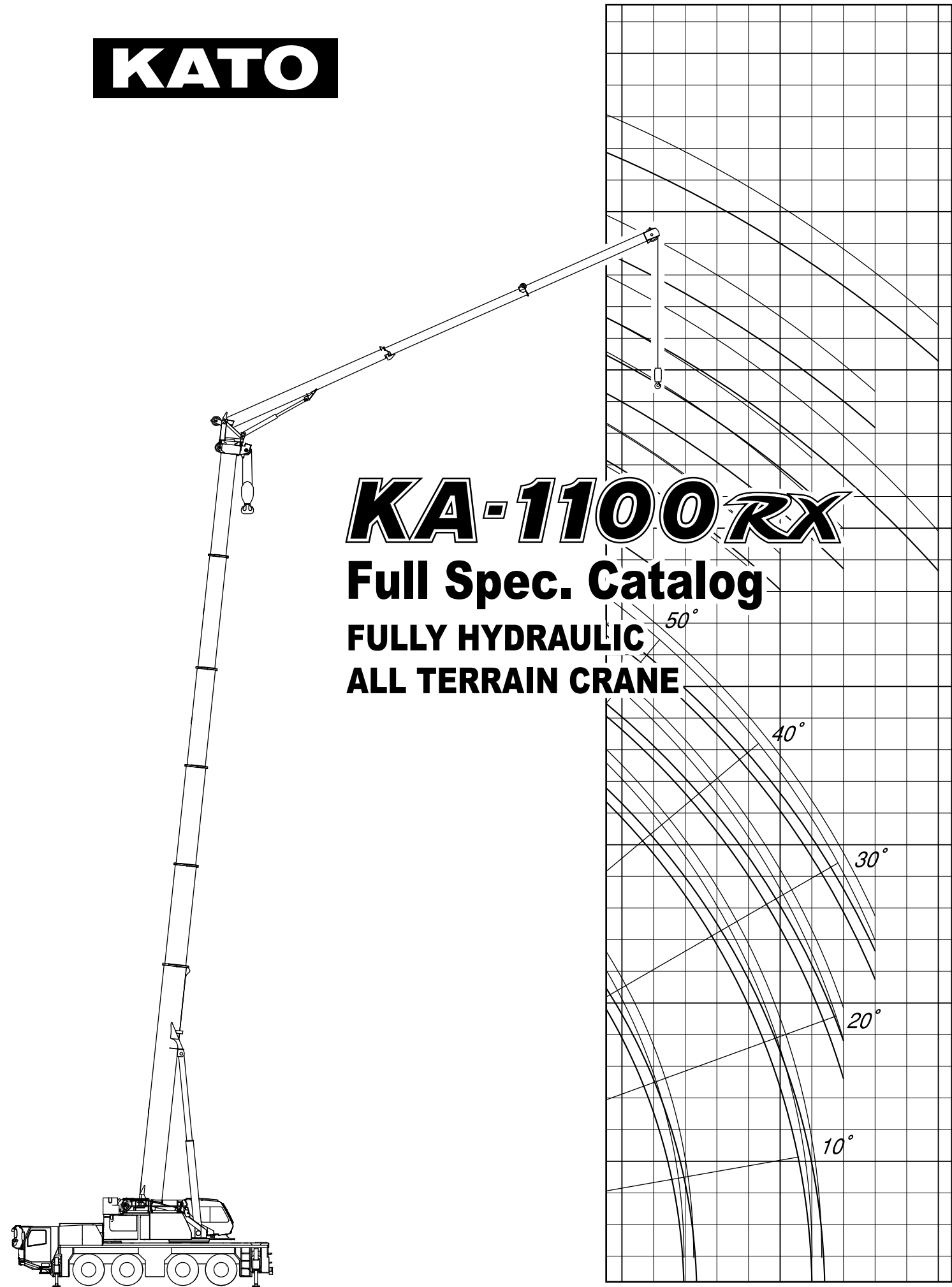


**KATO**

KATO

KA-1100RX



**KA-1100RX**  
**Full Spec. Catalog**  
**FULLY HYDRAULIC**  
**ALL TERRAIN CRANE**

Full Spec. Catalog C05411

\* KATO products and specifications are subject to improvements and changes without notice.

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C05411  
8.2021-6 (TI) 1

**C05411**

# SPECIFICATION

## CRANE Specification

Description	KATO FULLY HYDRAULIC ALL TERRAIN CRANE	
Model	KA-1100RX	
Maximum lifting capacity	110ton × 2.0m	
Boom length	11.1m — 51.3m (6 section)	
SL jib length	8.8m — 20.4m (3 section)	
Hoisting line speed (winch up)	Main winch	118m / min. (at 4th layer)
	Auxiliary winch	118m / min. (at 4th layer)
Hoisting hook speed (winch up)	Main winch	(Parts of line; 11) : 10.7m / min. (at 4th layer)
	Auxiliary winch	(Parts of line; 1) : 118m / min. (at 4th layer)
Hoisting line speed (winch down at high speed)	Main winch	156m / min. (at 4th layer)
	Auxiliary winch	156m / min. (at 4th layer)
Boom derricking angle	-1.0° — 84°	
Boom derricking time	75s / -1.0° — 84°	
Boom extending speed	40.2m / 330s	
Slewing speed	1.8min <sup>-1</sup>	
Speed / Time	Subject to no load	

### Equipment and structure

Winch system Main & Auxiliary winches	Driven by axial plunger type hoisting motor through planetary gear reduction. Controlled independently by 2-speed (high / low) selection type respective operating lever. Equipped with automatic brake.	
Counterweight	7.4ton, 15.3ton, 21.8ton, 25.8ton, 29.8ton Hydraulic removal system	
Outriggers	Type	Hydraulic H-beam type (2section)
	Extension width	7,200mm (Fully extended)
		6,000mm (Intermediately extended)
		5,000mm (Intermediately extended)
		4,200mm (Intermediately extended)
2,520mm (Completely retracted)		
Wire rope for hoisting	Main winch	Diameter: 18mm × Length: 275m
	Auxiliary winch	Diameter: 18mm × Length: 155m

### Hydraulic system

Oil pump	4 pumps, plunger and gear type	
Hydraulic motor	Hoisting motor	Axial plunger type
	Slewing motor	Axial plunger type
Control valve	Double acting with integral check and relief valves	
Cylinder	Double acting type	
Oil reservoir capacity	595L	

### Safety devices

	ACS (Automatic Crane System with voice alarm), Working range limit mode, Overhoist prevention device, Outrigger status detector, Outrigger lock pins, Outrigger reaction force indication device, Electronic horizontal detector, Hydraulic safety valves, Boom derricking / telescoping holding valve, Jib derricking holding valve, Winch holding valve, Automatic winch brake, Winch drum roller, Winch drum turning indication device, Winch over unwinding device, Slewing brake, Slewing lock, Hydraulic oil return filter warning device, Hydraulic oil temperature warning device, ACS outside indicator (LED), Right rear side mirror, Slewing warning lamp, Stanchion on boom, Seat switch, Stanchion on boom
--	--

### Operator's cab

	All steel welded construction, 1 person, Rubber mounted, Tilttable(approx. 15°), Adjustable seat with suspension, Air conditioner, Accessory socket (24V), USB socket (output 5V-2.4A x 2), Front windscreen wiper & washer, Roof window wiper & washer, Interior lamp (LED), Step lamp (LED), AM/FM Radio, Slide deck, Floor mat, Power Window (external closing switch), Sun visor, Drink holder, Fire extinguisher, K · COR (KATO Crane Operation Recorder)
--	---

### Standard equipment

	Working light (on table and cab) (LED), Searchlight, Winch view camera, PA system, Hydraulic oil cooler, Wire rope to dismount various things, Hook for 37 ton, Hook for 5.6 ton
--	---

### Optional equipment

	Tea table, Ashtray, Cab heater, Anemometer, Side view camera, Slewing warning buzzer, Hook for 55 ton, Hook for 37 ton (Single Hook), Sub hook sheave for 110 ton
--	---

## CARRIER Specification

Maker	KATO
Model	KA4120

### Carrier Specification

Maximum traveling speed	75km/h
Grade ability (tan θ)	0.60 (computed at G.V.W. = 48,000kg)
Minimum turning radius	8.9m

### General dimensions

Overall length	13,200mm	
Overall width	2,750mm	
Overall height	3,790mm	
Wheel base	1,650+2,400+1,650=5,700mm	
Treads	Front	2,310mm
	Rear	2,310mm
Gross vehicle weight	48,000kg	
Axle loads	12,000kg (1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> and 4 <sup>th</sup> Axles)	

### Engine

Maker	Daimler	
Model	OM470LA (EUROMOT 4)	
Type	4 cycle, 6 cylinders, water cooled, direct Injection turbo-charged diesel engine with intercooling	
Piston displacement	10.7L	
Max. power	320kW at 1,700min <sup>-1</sup>	
Max. torque	2,100N·m at 1,300min <sup>-1</sup>	
Torque converter	Engine mounted 3 elements 1 stage (with lock up clutch)	
Transmission	Full automatic 6 forward & 1 reverse speed	
Axles	All axles steered 1 <sup>st</sup> , 2 <sup>nd</sup> and 4 <sup>th</sup> axles driven and have planetary gears reduction and differential lock	
Suspension	Hydro-pneumatic suspension Hydraulic locking device with suspension cylinder	
Brake system	Service brake	2 circuit brake 8 wheels servo-air brake, all axles are equipped with disc brakes ABS (Anti-lock Brake System)
	Parking brake	Spring applied, compressed air released parking brake (2 <sup>nd</sup> , 3 <sup>rd</sup> and 4 <sup>th</sup> Axles)
	Auxiliary brake	Compression release engine brake Hydraulic retarder
Steering	Semi-integral hydraulic power steering of front two axles and automatic steering of the 3 <sup>rd</sup> and 4 <sup>th</sup> axles	
Tire size	8 tires, 385 / 95 R25 170F ROAD	
Electric system	24V	
Batteries	(12V—150AH) × 2	
Fuel tank capacity	400L	
Urea tank capacity	40L	
Driver's cab	All steel welded construction, 2 persons	

### Safety devices

	Emergency steering device, Engine over speed alarm, Three-point seat belt, Suspension lock, Electrically adjustable side view mirrors with defroster, Warning reflector, Engine management & warning system, Transmission management & warning system, Radiator coolant level warning device, Low air warning device, Rear view camera, Brake wear indicator
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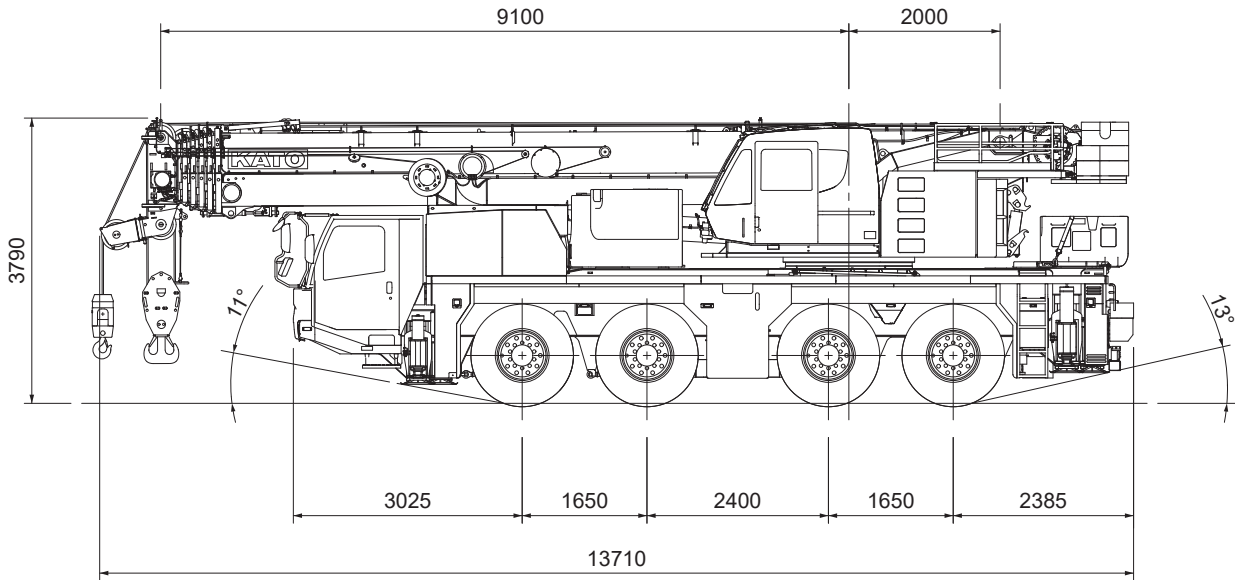
### Standard equipment

	Adjustable steering wheel, Air conditioner, Power Window, Adjustable suspension seat, Sun visor, Centralized lubricating system, Air dryer, AM/FM Radio, Towing hook (front and rear, eye type), LED head lamp, Day time running light, Aluminum outrigger plate
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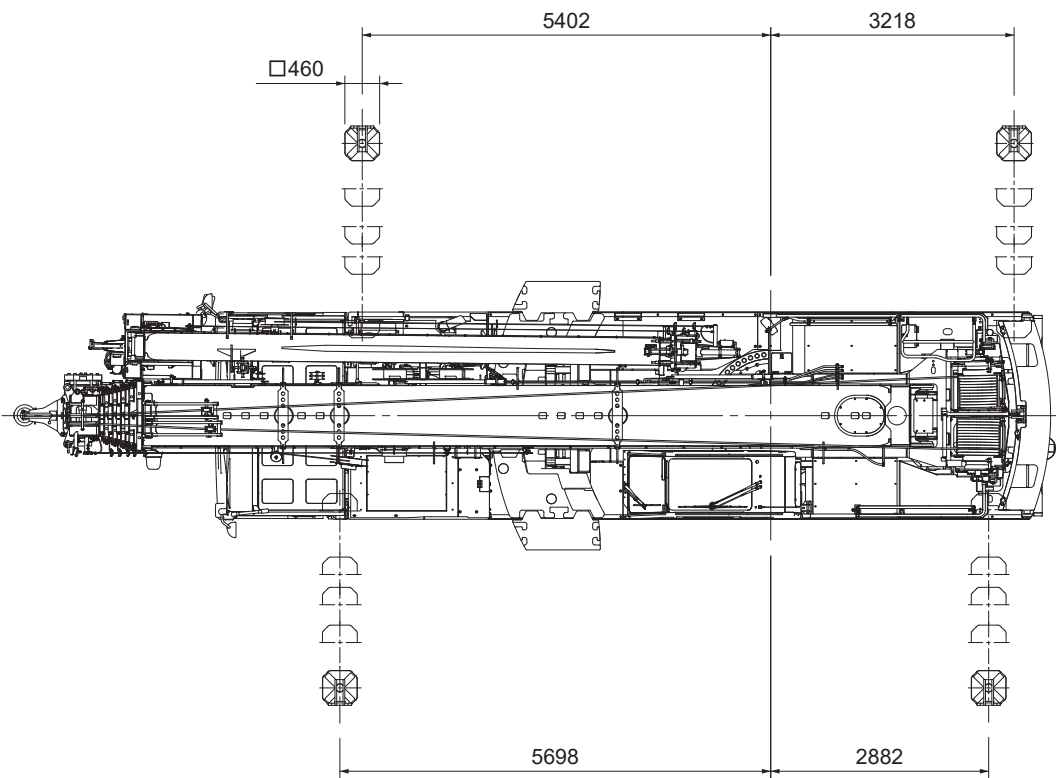
### Optional equipments

	Air heater, Yellow rev. light, Tachograph, Door visor
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Overall view

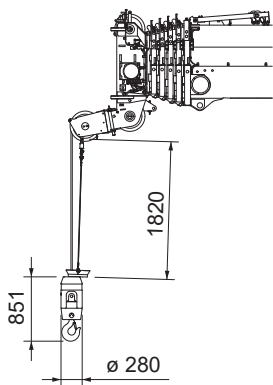


\*Work site driving position  
(with 29.8t counterweight mounted)

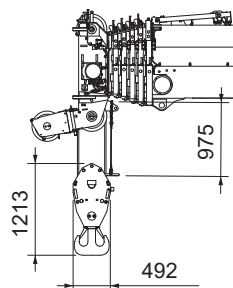


Reduced scale: 1/100 unit (mm)

Overall view

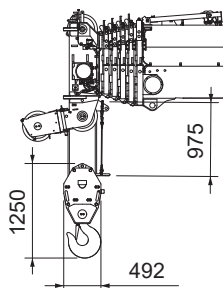


5.6ton hook



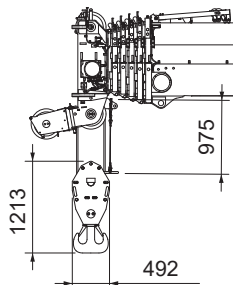
(Breadth 291)

37ton hook



(Breadth 291)

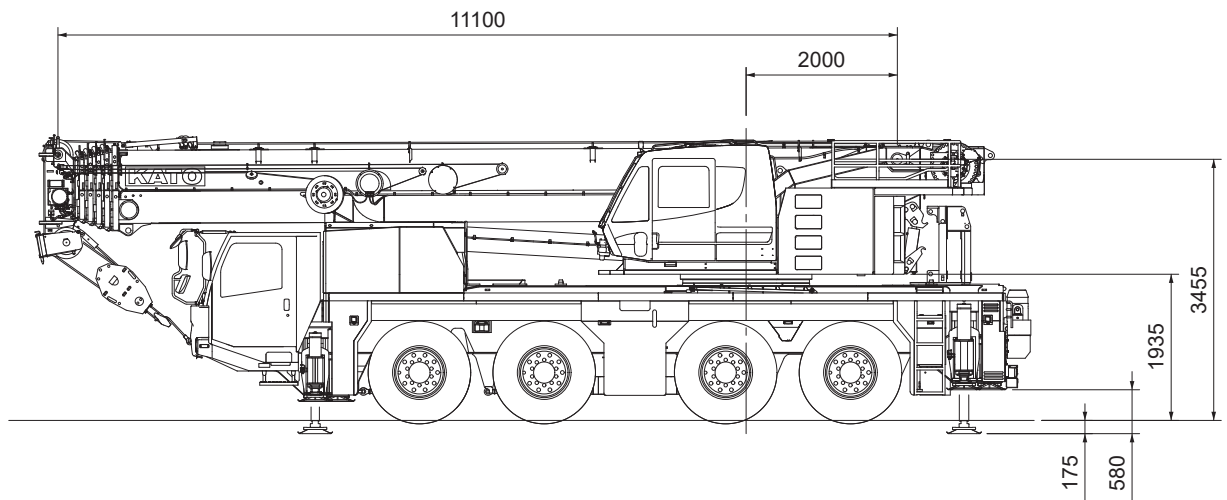
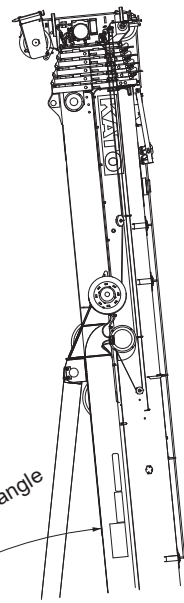
37ton hook (option)



(Breadth 475)

55ton hook (option)

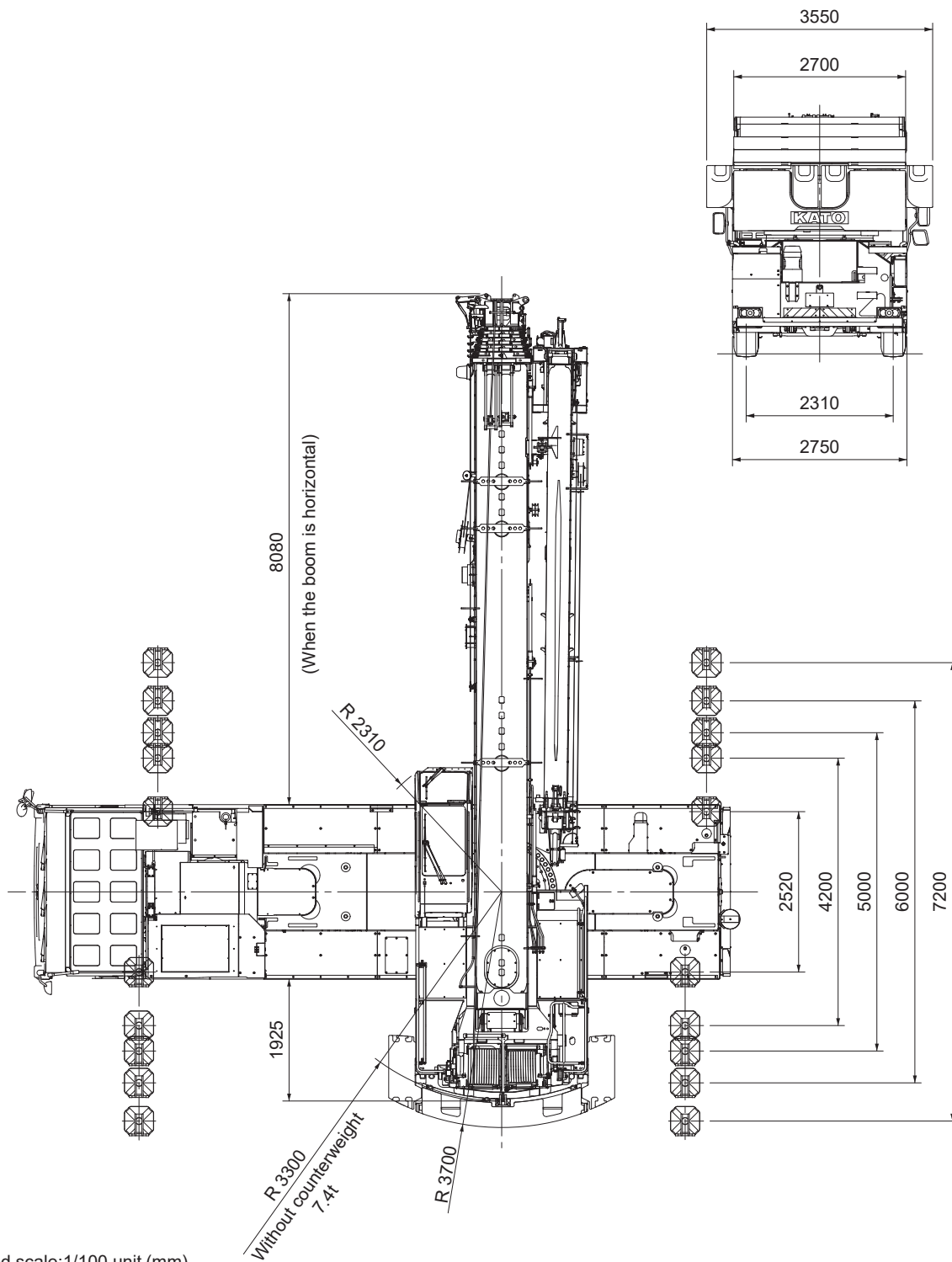
Boom derricking lowering angle  
-1°-84°



Reduced scale: 1/100 unit (mm)



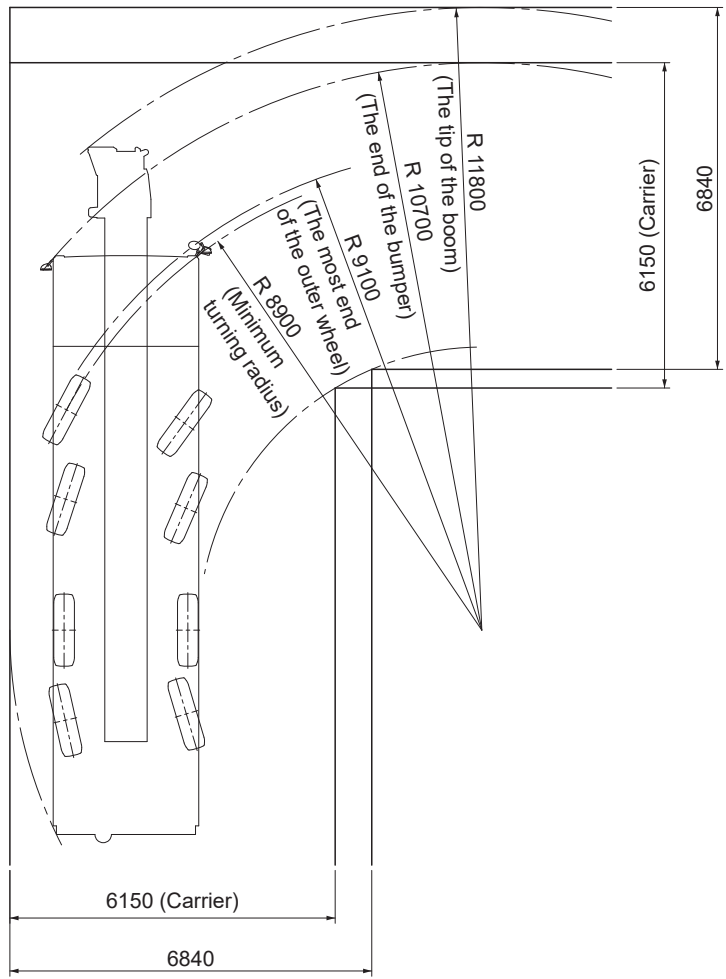
Overall view



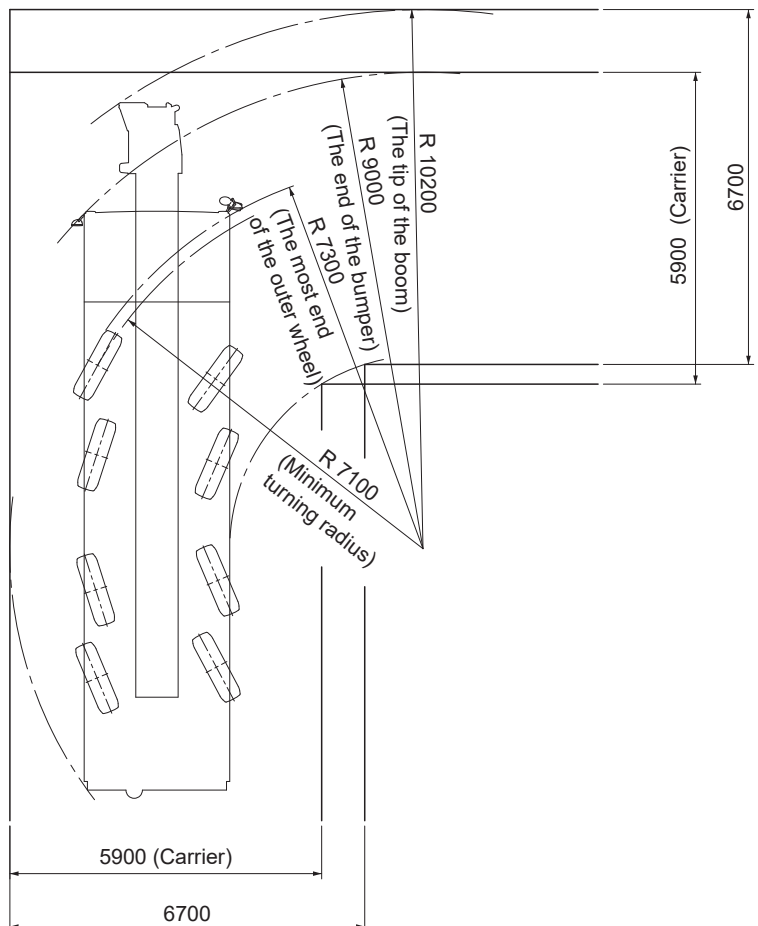
Reduced scale: 1/100 unit (mm)

# Minimum right-angle passage width

General driving

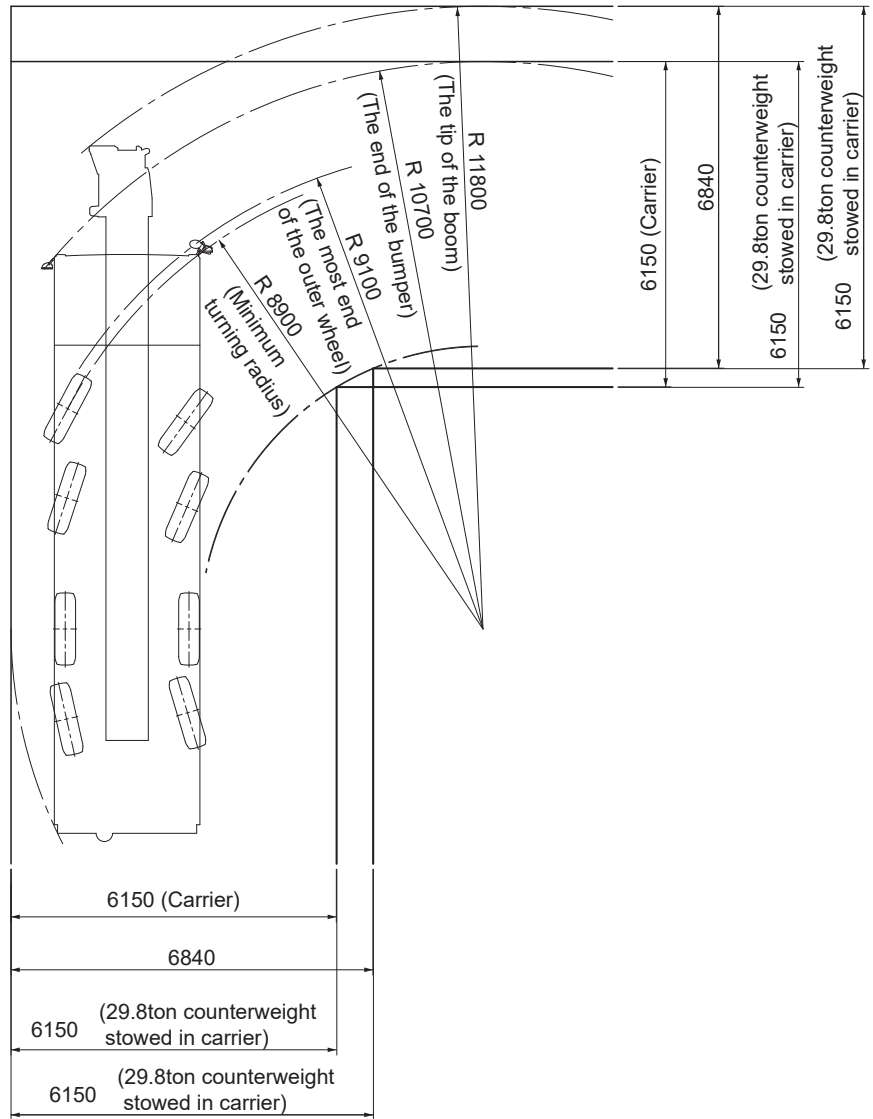


General driving  
(Special steering)



# Minimum right-angle passage width

When driving within work site





Decomposition transport list

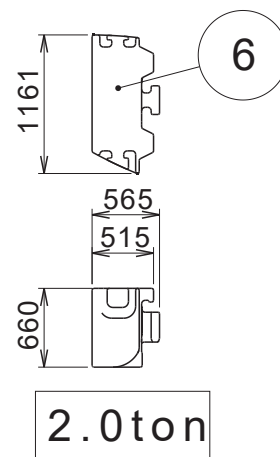
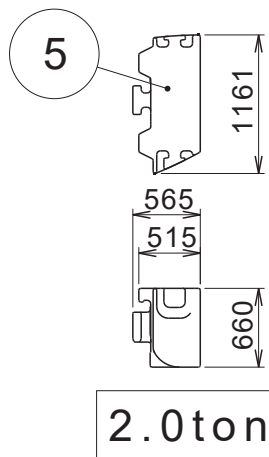
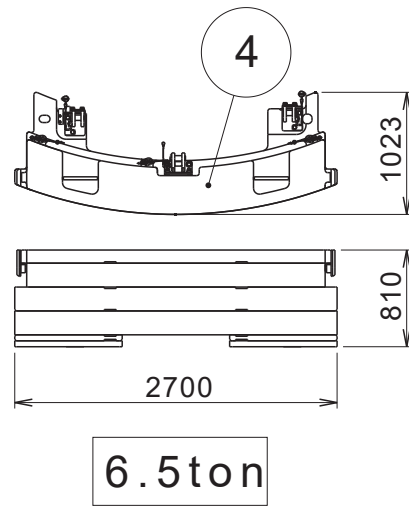
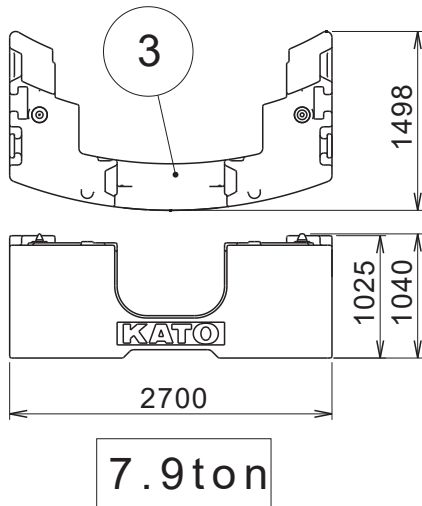
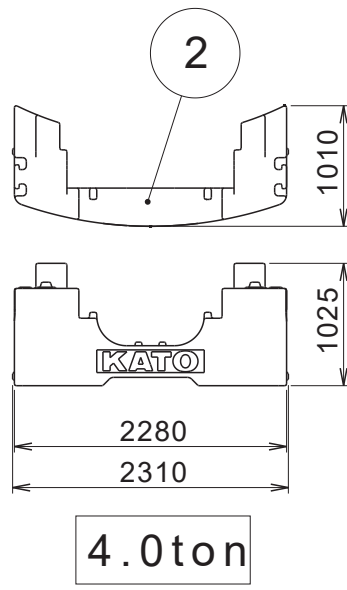
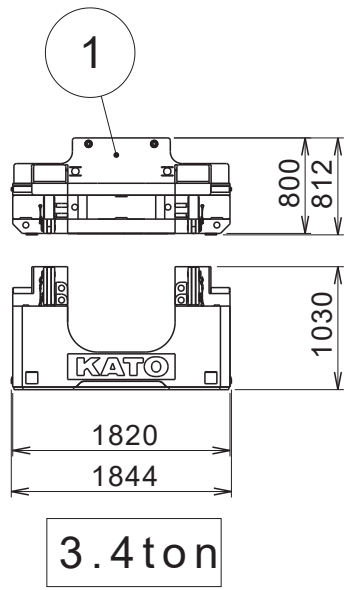
**KA-1100RX**

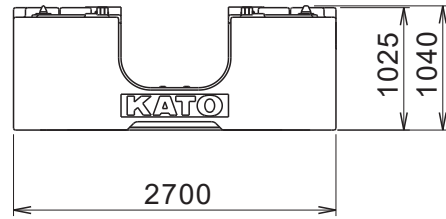
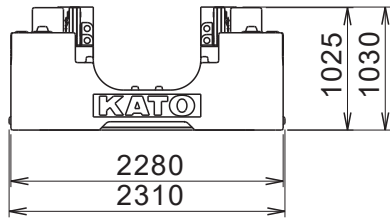
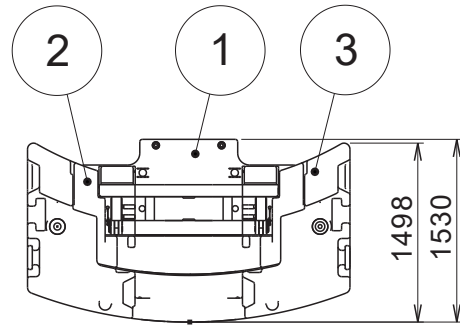
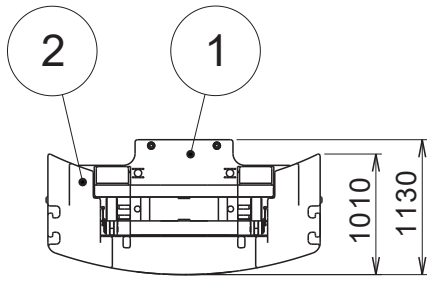
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1. Counter weight .....	9
2. Auxiliary winch assembly .....	12
3. SL Jib .....	13
4. Hook .....	14
5. Boom heavy load lifting equipment (Option) .....	16
6. Over hoisting detector .....	17
7. Dismounting / remounting jigs .....	18
8. Tools (for crane).....	19



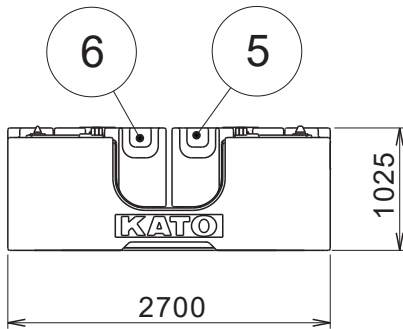
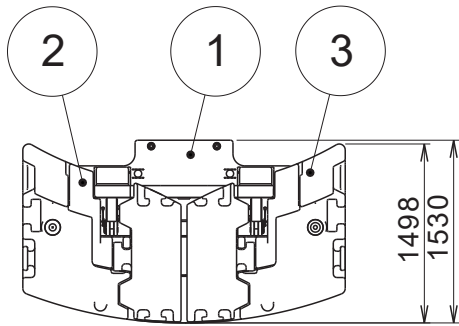
# 1. Counter weight



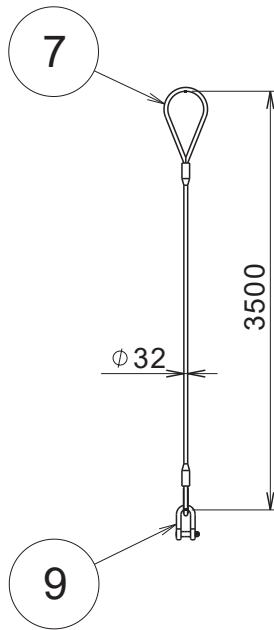


7.4 ton

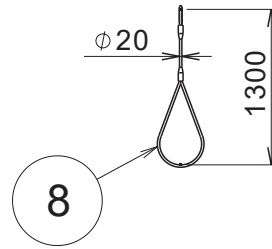
15.3 ton



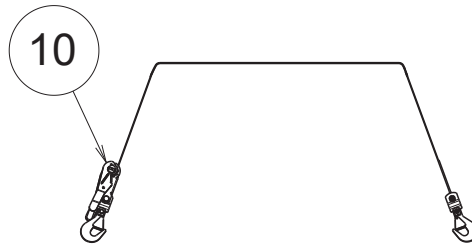
19.3 ton



Counterweight lifting rope



Counterweight lifting rope



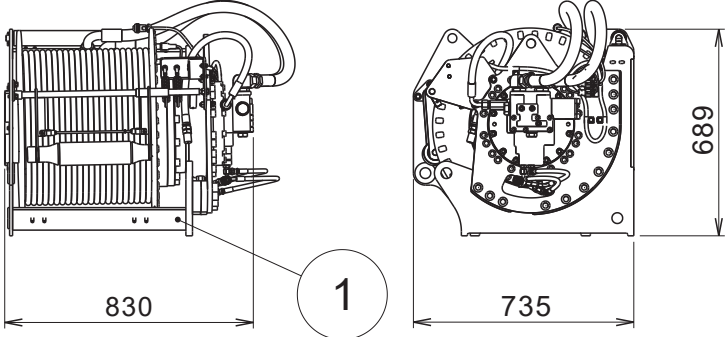
Belt

No.	Name	Q'ty	Note (Part No.)
1	Counter weight	1	3.4t
2	Counter weight	1	4.0t
3	Counter weight	1	7.9t
4	Counter weight	1	6.5t
5	Counter weight	2	2.0t
6	Counter weight	2	2.0t
7	Wire rope	2	(70A-35131010)
8	Wire rope	2	(70A-35132000)
9	Shackle	2	for 16ton (821-84310000)
10	Belt	1	(641-44116000)

C05141-00030E



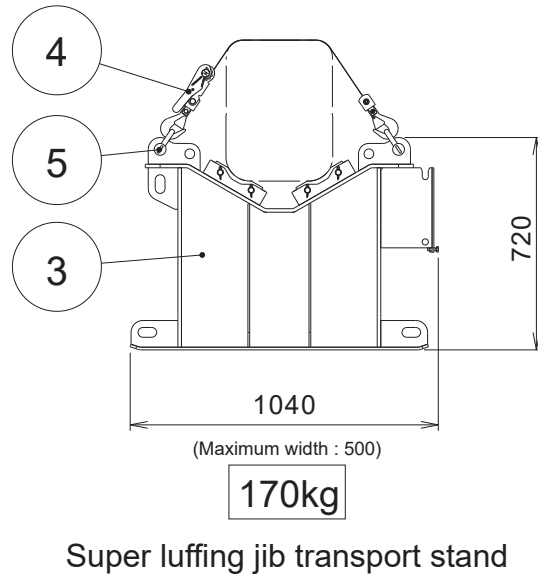
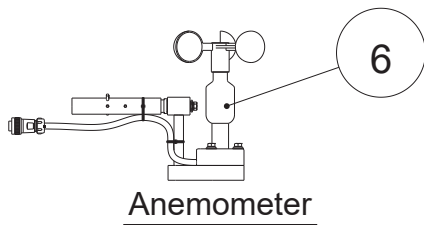
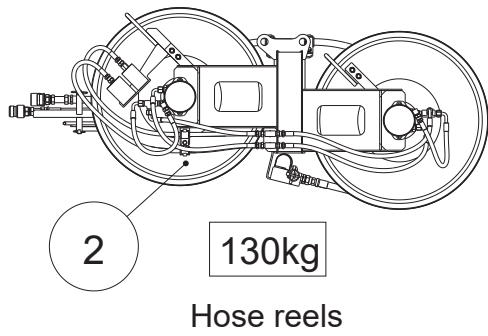
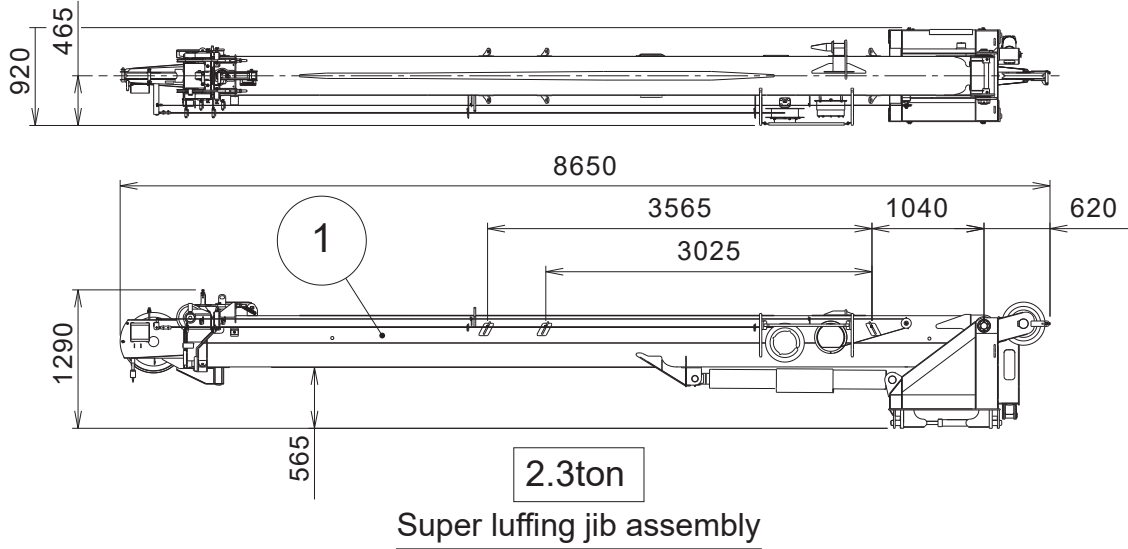
## 2. Auxiliary winch assembly



0.8t

No.	Name	Q'ty	Note (Part No.)
1	Auxiliary winch assembly	1	

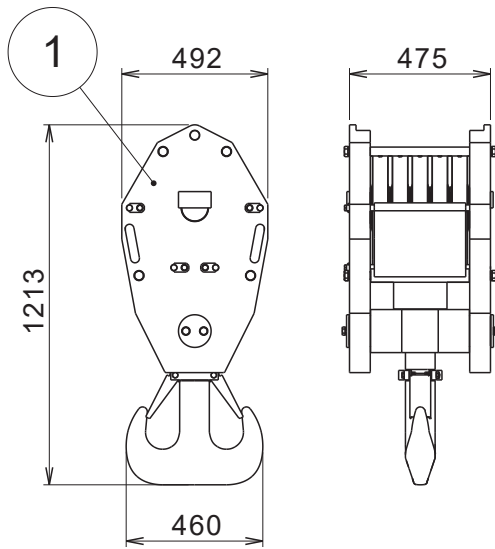
### 3. SL Jib



No.	Name	Q'ty	Note (Part No.)
1	Super luffing jib assembly	1	
2	Hose reels	1	
3	Super luffing jib transport stand	1	
4	Belt	1	(721-47905000)
5	Shackle	2	(001-50716000)
6	Anemometer assembly	1	(For both Boom and Super Luffing Jib)

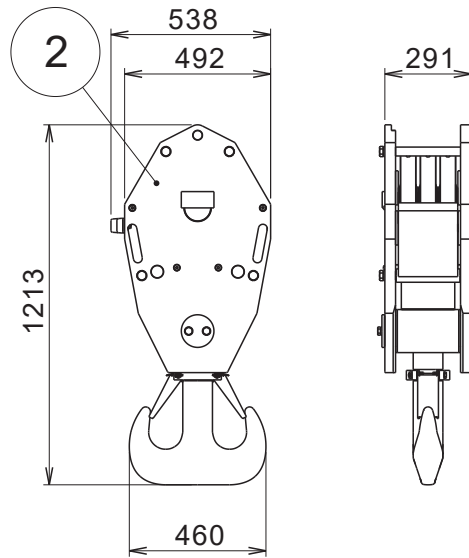
C05141-00050E

## 4. Hook



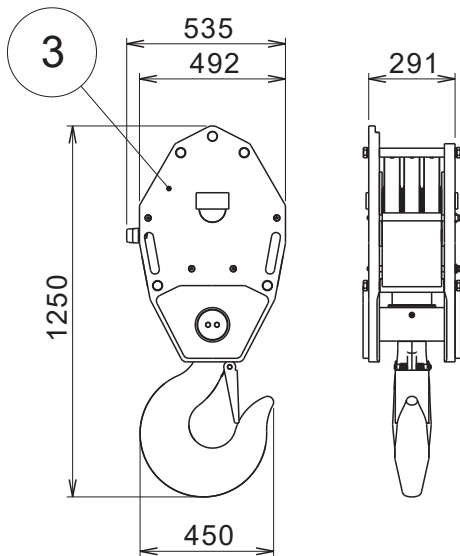
55ton hook (option)

650Kg



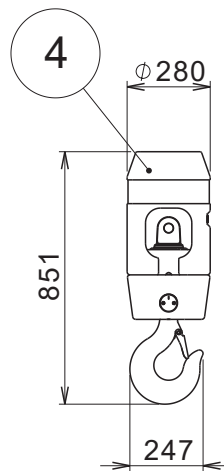
37ton hook

400Kg



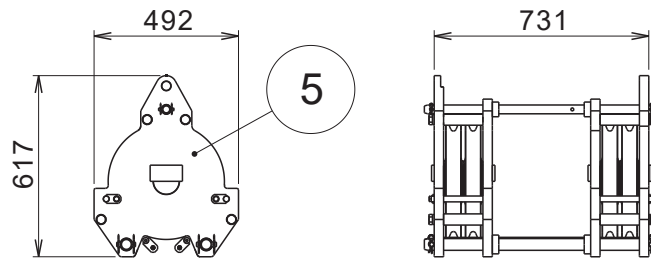
37ton hook (option)

400Kg



5.6ton hook

150Kg

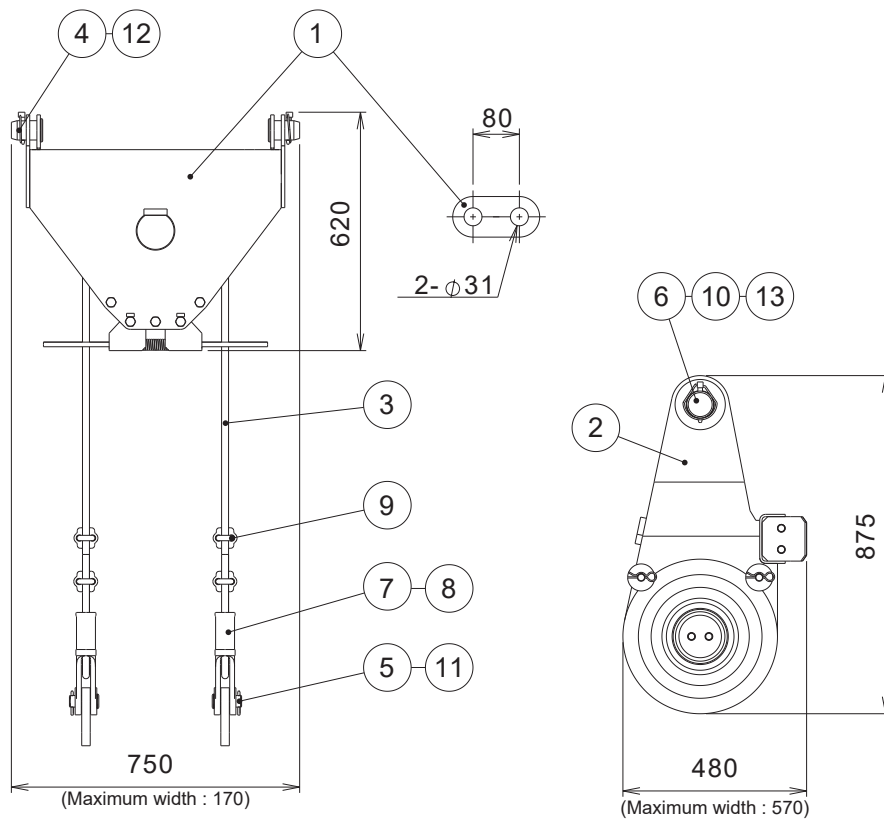


Sub-hook sheave for 110ton hook (option)

270 kg


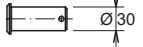
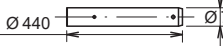




No.	Name	Q'ty	Note (Part No.)
1	Hook assembly	1	for 55ton (option)
2	Hook assembly	1	for 37ton Ramshorn Hook
3	Hook assembly	1	for 37ton Single Hook (option)
4	Hook assembly	1	for 5.6ton
5	Sub hook sheave assembly	1	for 110ton (option)

## 5. Boom heavy load lifting equipment (option)



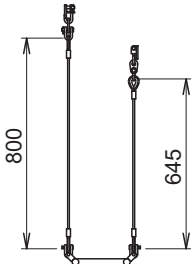
75kg

175kg

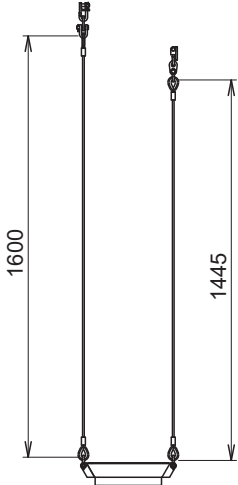
No.	Name	Q'ty	Note (Part No.)
1	Sub top sheave assembly	1	
2	Sheave block assembly	1	
3	Wire rope	1	$\phi 18 \times 3600$ (70A-37306001)
4	Pin	2	 $\phi 50$ (101-37304002)
5	Pin	2	 $\phi 30$ (071-84203002)
6	Pin	1	 $\phi 440$ $\phi 70$ (70A-48403000)
7	Rope socket	2	(70A-37309000)
8	Rope wedge	2	(001-50418000)
9	Wire grip	4	(001-56018000)
10	Split pin	1	 $\phi 10$ (001-20210110)
11	Split pin	2	 $\phi 6$ (001-20206045)
12	Quick pin	2	 $\phi 10$ (001-20550000)
13	Quick pin	1	 $\phi 12$ (001-20570000)

C05141-00080E

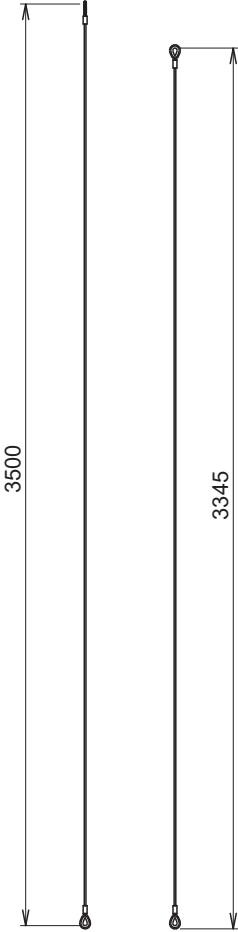
# 6. Over hoisting detector



1 set (for boom)



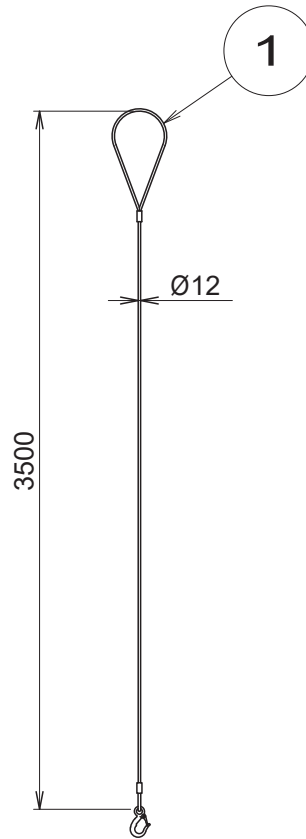
1 set (for rooster sheave and SL jib)



1 set (for heavy weight)

C05141-00090E

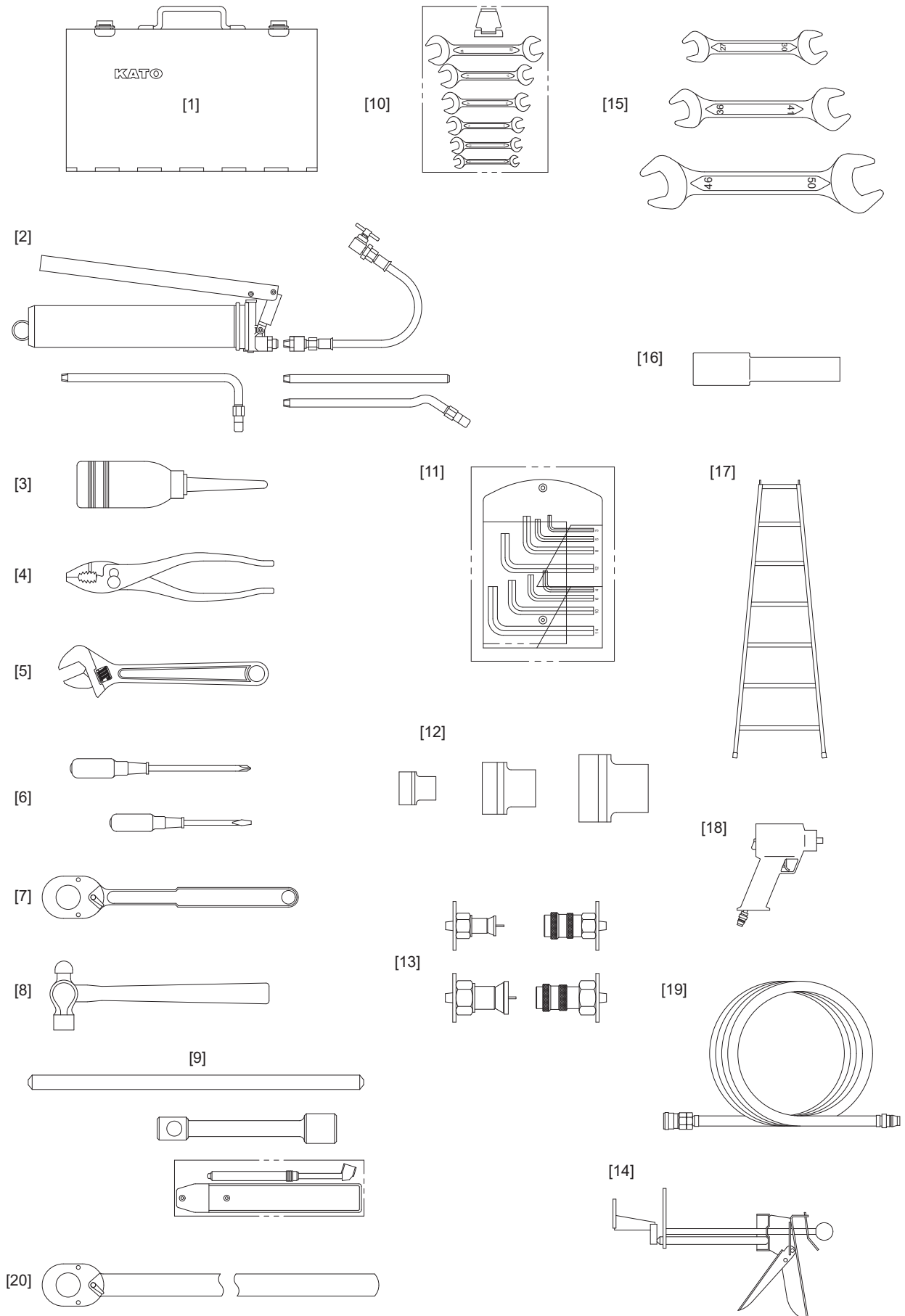
## 7. Dismounting / remounting jigs



Wire rope for Super Luffing Jib auxiliary winch dismount

No.	Name	Q'ty	Note (Part No.)
1	Wire rope	4	(70A-47905010)

# 8. Tools (for crane)





Tools

	Name	Qty	Note
1	Toolbox	1	
2	Grease gun	1set	
3	Oiler	1	
4	Plier200	1	
5	Monkey wrench375 (0 ~ 44)	1	
6	Driver -100、Driver +150	1 for each. Total 2.	
7	Socket wrench3/4"	1	
8	Hunmer 1Lb	1	
9	Tire tools Steering wheel、Wheel nut socket、 Air gauge	1 for each. Total 3.	
10	Spanner set 8×10、 11×13、 12×14、 14×17、 17×19、 22×24	1 for each. Total 6.	
11	Wrench set 3、 4、 5、 6、 8、 10、 12、 14	1set	
12	Socket ◊ 41×□3/4"、 ◊ 30×□1/2"、 ◊ 50×□3/4"	1 for each. Total 3.	
13	Pressure relief tool (male, female) 1/2" (male, female)	1 for each. Total 4.	
14	Coupler press-fitting machine	1	
15	Spanner 50×46、 41×36、 30×27	1 for each. Total 3.	
16	Extension □3/4" male×□1/2" female180L	1	
17	Stepladder (2m)	1	
18	Air runner	1set	
19	Air hose 20m male female	1	
20	Torque Wrench	1	

(821T-0027-1E)

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○Super Luffing Jib Lifting Capacity Chart .....	87



# Notes for the Lifting Capacity Chart

## Notes for the Lifting Capacity Chart

- The lifting capacity chart indicates the maximum load which can be lifted by this crane provided it is level and standing on firm level ground. The values in the chart include the mass of the main hook and slings for boom operation, and auxiliary hook and slings for SL jib operation. Within the chart the figures in the area bordered with a thick line are based on structural limitations while other figures are determined by stability limitations.
- The following tables show the lifting capacity, which is classified based on the outrigger extension width and counterweight mounting status. During boom operations, the lifting capacity can vary depending on the boom extension status, even for the same performance mode or boom length.

In the tables below, counterweights stowed at the front of the carrier are assumed to be from 15.3 to 29.8 tons, counterweights stowed at the rear of the carrier from 3.4 to 29.8 tons, and if no counterweight is indicated, the counterweight is assumed to be zero tons, with either a zero, 3.4, or 7.4 ton counterweight stowed at the front of the carrier.

Operation of Boom with heavy load unit (SL jib stowed into right side of the boom or operation of boom without SL jib) [Rear]

Counterweight	29.8t
Outrigger extension width	
7.2m	FS1

Operation of boom with SL jib stowed into right side of boom

Counterweight	29.8t	25.8t	21.8t	15.3t	7.4t	Without counterweight	Stowed in front or rear position on carrie
Outrigger extension width							
7.2 m	S1	A1	B1	C1	D1	E1	F1
6.0 m	S2	A2	B2	C2	D2	E2	F2
5.0 m	S3	A3	B3	C3	D3	E3	F3
4.2 m		A4	B4	C4	D4	E4	F4
2.52 m						E5	F5

Operation of boom without SL jib

Counterweight	29.8t	25.8t	21.8t	15.3t	7.4t	Without counterweight	Stowed in front or rear position on carrie
Outrigger extension width							
7.2 m	NS1	NA1	NB1	NC1	ND1	NE1	NF1
6.0 m	NS2	NA2	NB2	NC2	ND2	NE2	NF2
5.0 m	NS3	NA3	NB3	NC3	ND3	NE3	NF3
4.2 m		NA4	NB4	NC4	ND4	NE4	NF4
2.52 m						NE5	NF5

Operation of SL jib

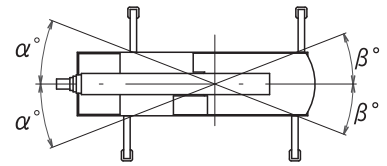
Counterweight	29.8t	25.8t	21.8t	15.3t	7.4t	Without counterweight
Outrigger extension width						
7.2 m	SS1	SA1	SB1	SC1	SD1	SE1
6.0 m	SS2	SA2	SB2	SC2	SD2	
5.0 m	SS3	SA3	SB3	SC3		
4.2 m		SA4	SB4	SC4		

- During boom operations, if the boom lock pin is not inserted after the last time the boom was extended or retracted, the performance is the same as if no boom lock pin was inserted. The maximum load values without the pin indicated in the lifting capacity chart are maximum lifting capacity values assuming no boom lock pin is inserted.

4. The lifting capacity of both sides differs depending on the outriggers condition.  
Therefore, please refer to the rated lifting capacity of each outriggers condition.

Also please refer to the fully extended outrigger`s rated lifting capacity when you lift in the front or rear.

Operation status	Heavy load	Normal	
Outrigger extension status	Full extension (7.2m)	Intermediately extended (4.2m to 6.0m)	Completely retracted (2.52m)
Area $\alpha^\circ$	—	15°	5°
Area $\beta^\circ$	5°	15°	5°



- The working radii are the actual values allowing for boom and SL jib deflection. Therefore, you must always operate the crane on the basis of the working radius.
- If the boom length, boom angle, working radius, SL jib length and/or SL jib angle exceeds the rated value, use the lifting capacity for the rated value or for the next one, whichever gives the smaller lifting capacity.
- In whatever working conditions the corresponding minimum boom angle is shown in the chart. The crane can tip over if the boom is lowered below the minimum boom angle even if unloaded. Therefore, never lower the boom below these angles.
- The standard parts of line for each boom length are as indicated in the chart. If you work with a non-standard number of parts of line, do not exceed 54.8 kN (5.6 tf) per wire rope respectively.
- When operating the SL jib, make sure the boom extension status satisfies the following table. Do not operate the SL jib without the lock pin inserted in the boom.

Boom extension status during SL jib operations (Telescoping conditions)

Boom length \ Boom section	33.2m	40.5m	47.9m	51.3m
2nd boom (%)	92	92	92	100
3rd boom (%)	46	92	92	100
4th boom (%)	46	92	92	100
5th boom (%)	46	46	92	100
6th boom (%)	46	46	92	100

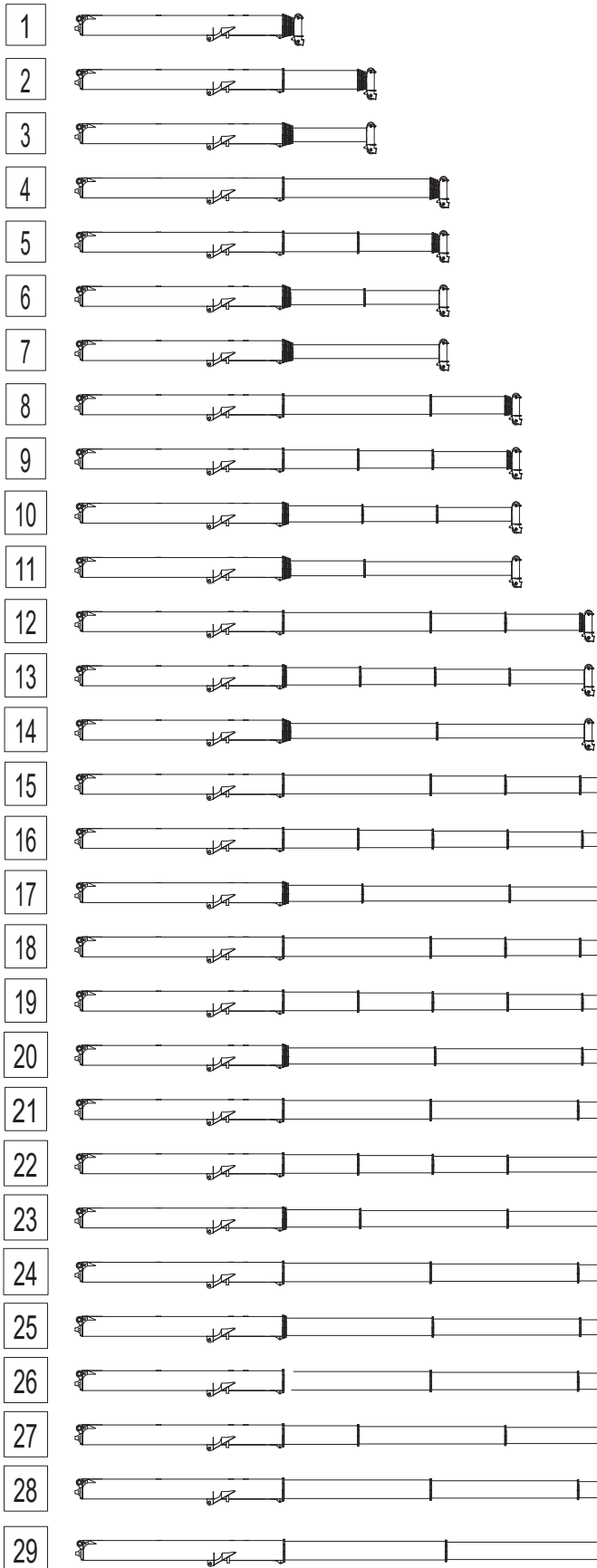
- If you are working with the boom while the SL jib is rigged, subtract 7.3 tons plus the mass of all attached hook, slings, etc. to the boom from each lifting capacity of the boom, with an upper limit of 40 tons. Set the SL jib offset angle to 15 degrees or less. Do not use the rooster sheave in this situation.
- The lifting capacity of the rooster sheave is the lifting capacity of the boom minus the mass of all attached hook, slings, etc. to the boom, with an upper limit of 5.6 tons.  
[The hook for use with the rooster sheave is the 5.6 ton hook (mass: 150 kg) with one part of line.]
- If the total load exceeds 55 tons, use a heavy load system (55 ton hook + 37 ton hook + sub-hook sheave).
- High-speed winch operation should only be performed to allow descent of the hook alone. Avoid sudden lever operation.
- Crane operation is permissible up to a wind speed of 10 m/s. Even in relatively light wind conditions, extra care should be taken when handling loads presenting large wind catching areas.
- If you work with a load in excess of the lifting capacity or use incorrect working procedures, you are risking damaging the crane or tipping it over. In such cases, the crane will not be guaranteed.
- Due to product improvements or other reasons, specifications indicated above are subject to change without notice.

# Boom Telescoping Modes

Two types of boom telescoping modes are available for this machine, either automatic or manual telescoping.

The following 29 boom configurations are possible for the automatic boom telescoping mode. Boom lengths and extension/retraction percentages for each boom section are specified for each configuration number. Note that the rated lifting capacity varies depending on the percent each boom section is extended, even if the overall boom length is the same.

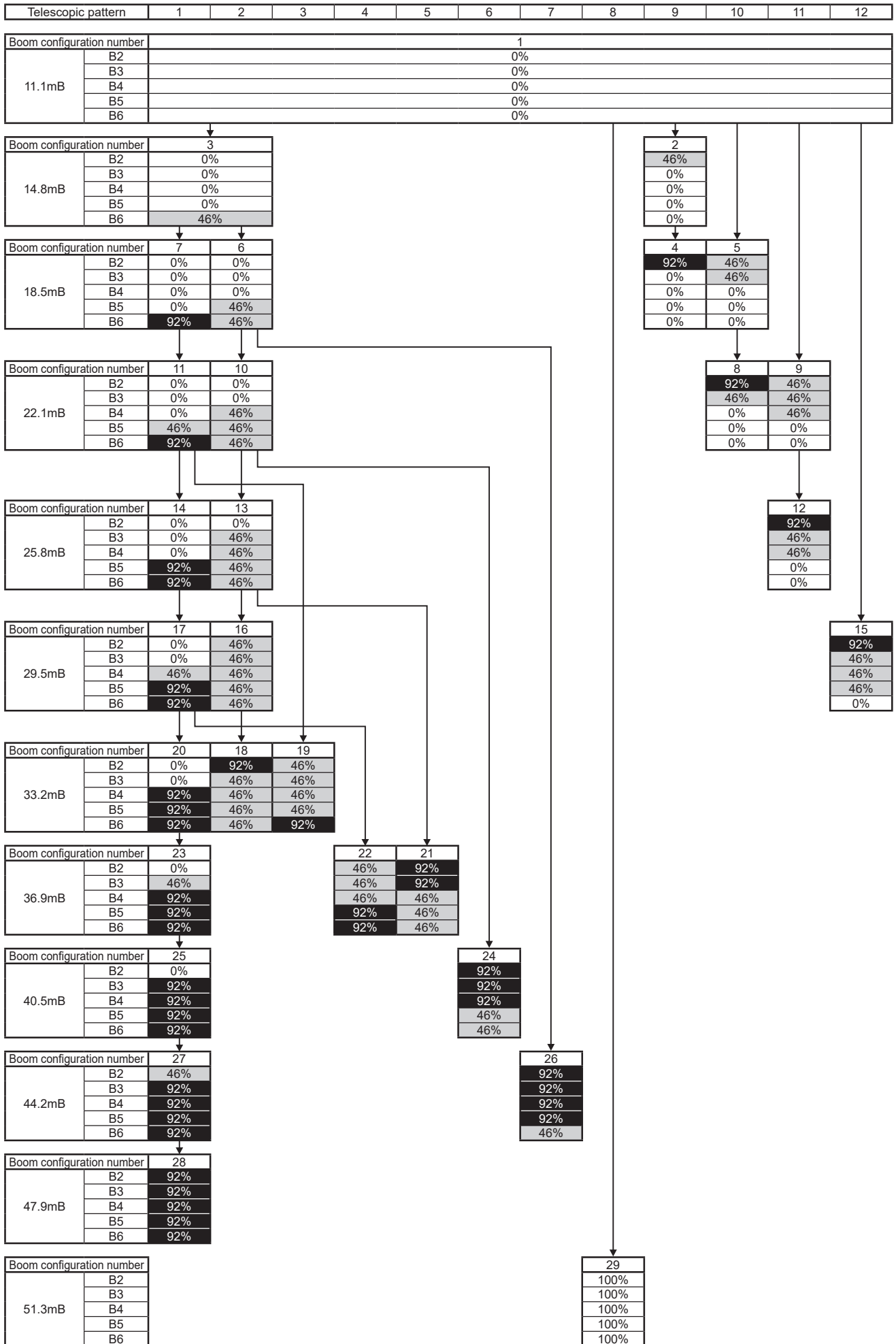
Boom configuration number



Boom length (m), Telescoping conditions (%)

Boom length	Telescoping conditions (%)					Boom configuration number
	Boom (2)	Boom (3)	Boom (4)	Boom (5)	Boom (6)	
11.1m	0	0	0	0	0	1
14.8m	46	0	0	0	0	2
	0	0	0	0	46	3
18.5m	92	0	0	0	0	4
	46	46	0	0	0	5
	0	0	0	46	46	6
	0	0	0	0	92	7
	92	46	0	0	0	8
22.1m	46	46	46	0	0	9
	0	0	46	46	46	10
	0	0	0	46	92	11
	92	46	46	0	0	12
25.8m	0	46	46	46	46	13
	0	0	0	92	92	14
29.5m	92	46	46	46	0	15
	46	46	46	46	46	16
	0	0	46	92	92	17
33.2m	92	46	46	46	46	18
	46	46	46	46	92	19
	0	0	92	92	92	20
36.9m	92	92	46	46	46	21
	46	46	46	92	92	22
	0	46	92	92	92	23
40.5m	92	92	92	46	46	24
	0	92	92	92	92	25
44.2m	92	92	92	92	46	26
	46	92	92	92	92	27
47.9m	92	92	92	92	92	28
51.3m	100	100	100	100	100	29

# Block Diagram of Performance







# Boom Lifting Capacity Chart

## [Working Ranges]

■ Boom Working Ranges (With Heavy Load Unit) .....	30
■ Boom Working Ranges .....	31

## [Operation of boom with heavy load unit]

■ Specification FS .....	32
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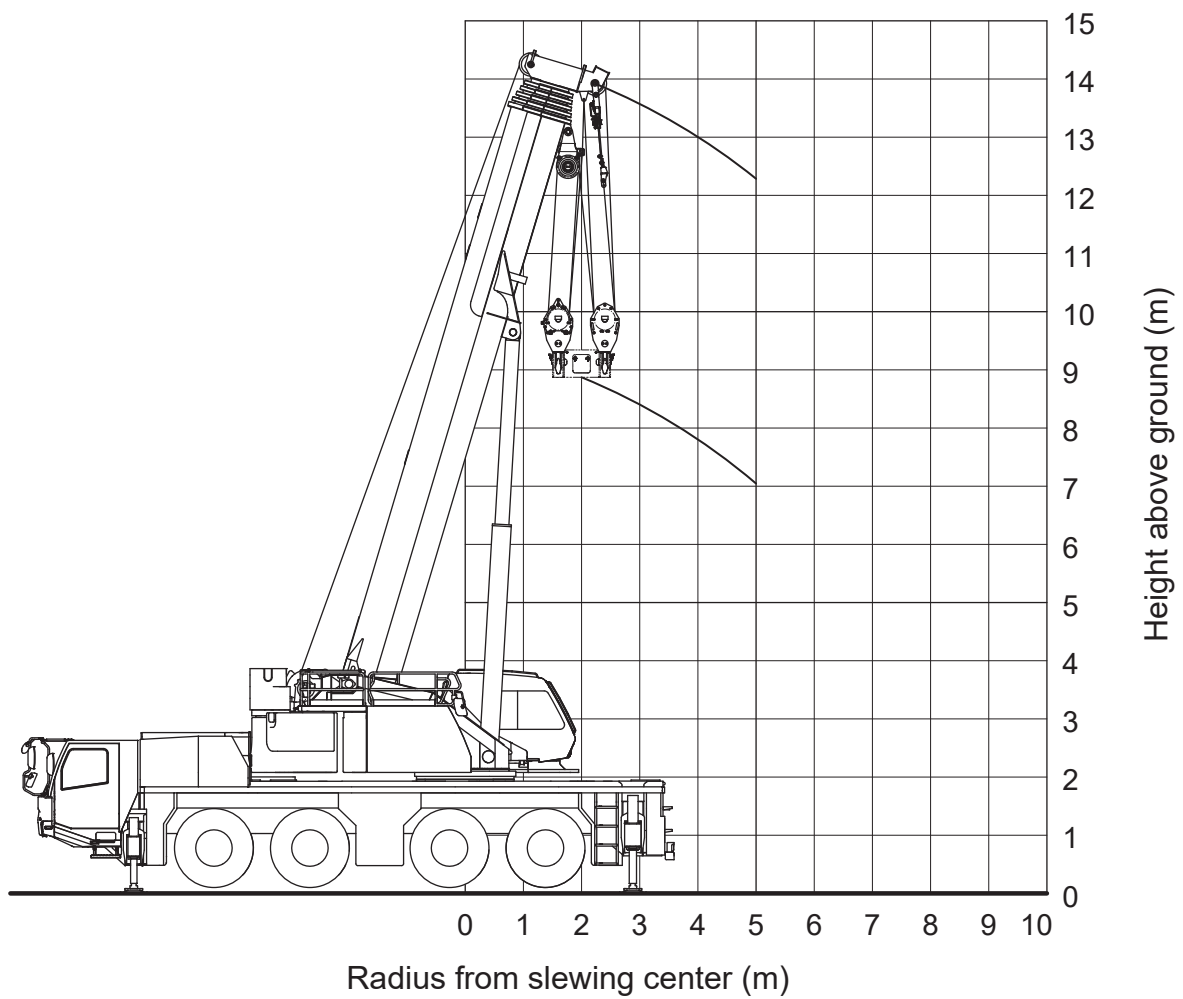
## [Operation of boom with SL jib stowed into right side of boom]

■ Specification S .....	33
■ Specification A .....	36
■ Specification B .....	40
■ Specification C .....	44
■ Specification D .....	48
■ Specification E .....	52
■ Specification F .....	57

## [Operation of boom without SL jib]

■ Specification NS .....	60
■ Specification NA .....	63
■ Specification NB .....	67
■ Specification NC .....	71
■ Specification ND .....	75
■ Specification NE .....	79
■ Specification NF .....	84

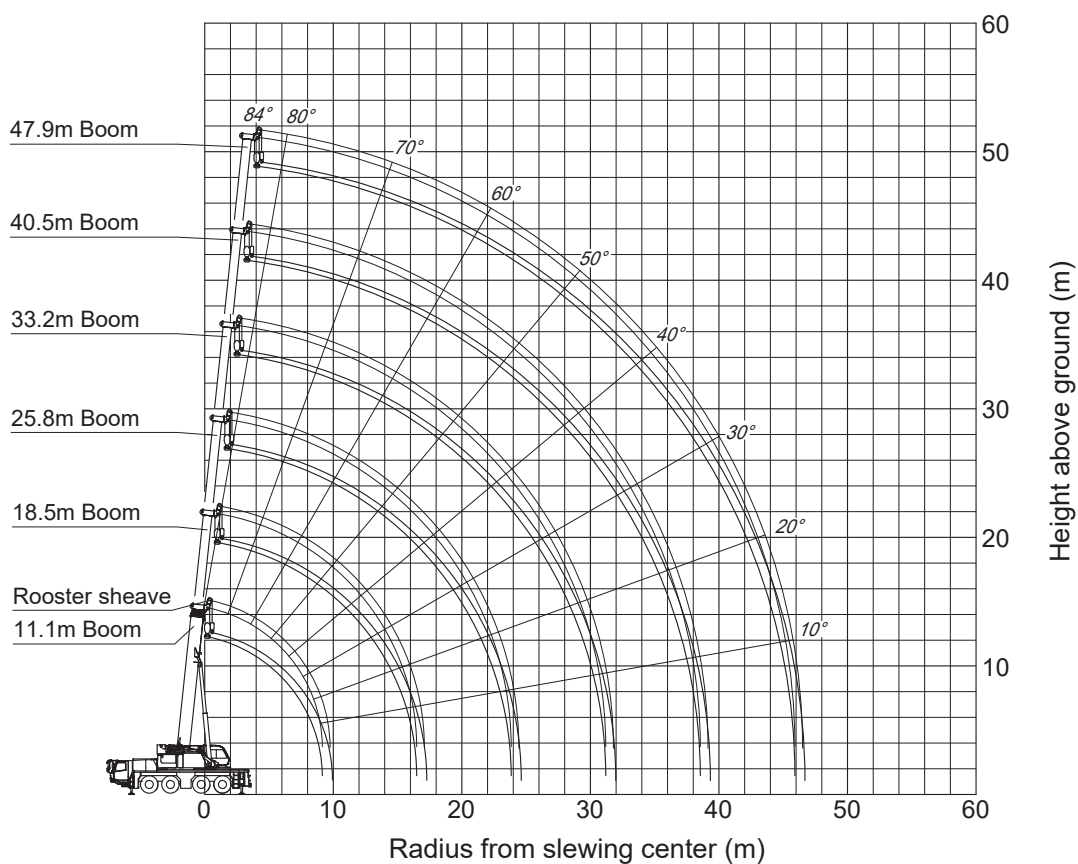
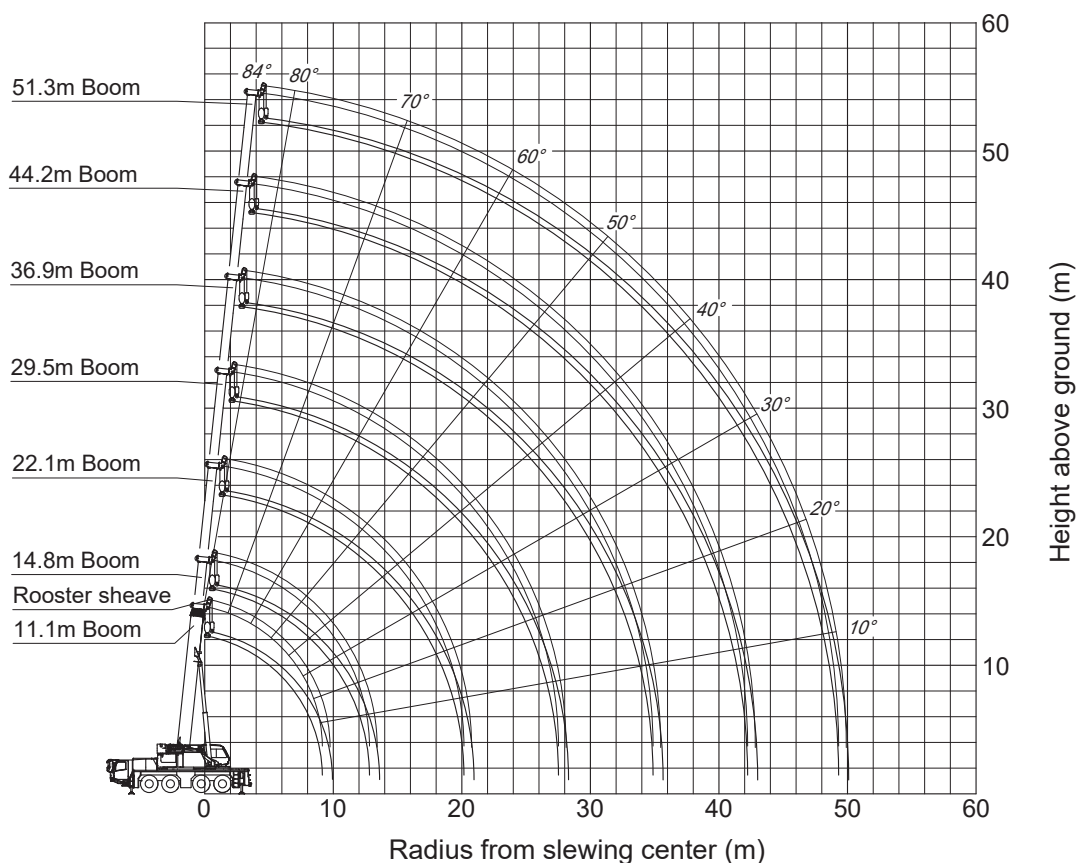
# Boom Working Ranges (With Heavy Load Unit)



## Notes:

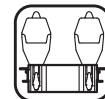
1. This diagram does not include deflection of Boom.
2. This diagram is for specification FS1.

# Boom Working Ranges



**Notes:**

1. This diagram does not include deflection of Boom.
2. This diagram shows the range for specification S1. (NS1)



Specification FS1

Outriggers fully extended (7.2m) Over rear,  
with 29.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1
Boom configuration number	1
Working radius (m)	11.1m Boom Heavy load unit
2.0	110.0
2.3	100.0
2.5	89.9
3.0	79.5
3.5	71.1
4.0	64.2
4.5	58.4
5.0	53.6
Maximum lifting capacity without lock pin	25.5
Min. boom angle (° )	—
Telescoping conditions (%)	
2nd boom	0
3rd boom	0
4th boom	0
5th boom	0
6th boom	0
Standard hook	for 110ton
Hook mass	1320kg
Parts of line	24

(Unit: Metric ton)



**Specification S1**

Outriggers fully extended (7.2m) 360° full range, with 29.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8				
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29				
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom								
2.5	55.00																																
3.0	55.00																																
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																										
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																						
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																			
5.0	53.90	54.40	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																			
6.0	46.20	46.30	28.60	44.30	47.20	32.30	19.80	39.90	46.00	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50																
7.0	40.60	40.20	26.20	39.50	40.90	29.80	17.80	35.40	41.70	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00													
8.0	37.10	35.40	24.20	35.20	35.90	27.70	16.20	31.70	36.70	30.40	18.50	28.70	32.70	16.90	26.60	30.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00								
9.0	25.30	31.70	22.60	31.30	31.90	25.90	14.80	28.70	32.60	28.10	17.10	26.10	30.80	15.40	24.20	30.00	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00						
10.0		28.80	21.20	28.10	28.70	24.40	13.70	26.20	29.20	25.90	15.90	23.90	29.00	14.20	22.10	29.70	15.40	21.00	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40					
11.0		25.55	20.10	25.40	26.00	23.10	12.70	24.00	26.40	24.00	14.80	22.00	27.00	13.10	20.40	27.20	14.20	19.30	19.40	13.00	18.10	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00				
12.0		22.00	19.20	21.65	21.85	21.90	11.80	22.10	23.15	22.40	13.90	20.40	24.00	12.20	18.80	24.00	13.10	17.80	18.30	12.00	16.70	15.60	13.10	16.00	13.00	13.00	11.00	10.40	9.00				
14.0				16.75	17.35	19.25	10.50	17.20	17.95	19.50	12.40	17.70	19.45	10.60	16.30	19.20	11.40	15.50	16.50	10.40	14.40	13.80	11.50	13.80	12.30	13.00	11.00	10.40	9.00				
16.0				13.20	13.70	15.30	9.50	13.60	14.40	15.90	11.20	14.15	15.85	9.40	14.30	15.60	10.10	13.60	15.00	9.20	12.60	12.30	10.10	12.10	10.90	11.70	11.00	10.40	9.00				
18.0								11.05	11.75	13.25	10.10	11.50	13.15	8.50	12.10	12.90	9.00	12.10	13.40	8.20	11.20	11.10	9.10	10.70	9.70	10.30	10.50	10.20	9.00				
20.0								7.90	8.40	9.60	9.30	9.55	11.15	7.70	10.05	10.90	8.10	10.60	11.35	7.30	10.00	10.10	8.20	9.50	8.70	9.20	9.50	9.10	8.30				
22.0												8.00	9.55	7.00	8.50	9.30	7.40	9.00	9.75	6.60	9.00	9.20	7.40	8.50	7.80	8.20	8.60	8.20	7.60				
24.0															7.20	8.00	6.80	7.75	8.40	6.00	7.70	8.50	6.80	7.70	7.10	7.40	7.80	7.40	6.90				
26.0															6.15	6.95	6.30	6.65	7.35	5.50	6.65	7.55	6.30	6.80	6.50	6.80	7.20	6.70	6.20				
28.0																		5.75	6.45	5.10	5.80	6.70	5.80	5.95	6.00	6.20	6.60	6.10	5.70				
30.0																			5.00	5.70	4.80	5.00	5.90	5.40	5.50	5.40	5.90	5.60	5.20				
32.0																					4.35	5.25	5.00	4.55	5.10	4.75	5.25	5.00	4.70				
34.0																					3.80	4.65	4.80	3.95	4.70	4.15	4.65	4.45	4.30				
36.0																								3.45	4.30	3.70	4.15	3.90	3.95				
38.0																									3.00	3.85	3.20	3.70	3.50	3.50			
40.0																											2.85	3.30	3.10	3.10			
42.0																											2.45	2.95	2.70	2.75			
44.0																													2.40	2.45			
46.0																														2.10			
48.0																															1.80		
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00				
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Telescoping conditions (%)																																	
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100				
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	100			
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100				
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100				
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	92	46	92	92	100				
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton			
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg			
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	4	3	3	3	3	2	2	2			

(Unit: Metric ton)

S  
A  
B  
C  
D  
E  
F  
Without SL jib  
With SL jib

Specification S2

Outriggers intermediately extended (6.0m) over side, with 29.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8				
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29				
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom					22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom				
2.5	55.00																																
3.0	55.00																																
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																										
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																						
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																			
5.0	53.90	54.40	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																			
6.0	46.20	46.30	28.60	44.30	47.20	32.30	19.80	39.90	46.00	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50																
7.0	40.60	40.20	26.20	39.50	40.90	29.80	17.80	35.40	41.70	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00													
8.0	37.10	35.10	24.20	34.95	35.65	27.70	16.20	31.70	36.30	30.40	18.50	28.70	32.70	16.90	26.60	30.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00								
9.0	25.30	28.70	22.60	28.55	29.20	25.90	14.80	28.70	29.85	28.10	17.10	26.10	30.80	15.40	24.20	30.00	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00						
10.0		24.05	21.20	23.90	24.55	24.40	13.70	24.30	25.15	25.90	15.90	23.90	26.80	14.20	22.10	26.50	15.40	21.00	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40					
11.0		20.50	20.10	20.35	20.95	22.90	12.70	20.75	21.55	23.15	14.80	21.30	23.10	13.10	20.40	22.80	14.20	19.30	19.40	13.00	18.10	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00				
12.0		17.65	19.20	17.55	18.15	20.00	11.80	17.95	18.70	20.30	13.90	18.45	20.25	12.20	18.80	19.95	13.10	17.80	18.30	12.00	16.70	15.60	13.10	16.00	13.00	13.00	11.00	10.40	9.00				
14.0				13.40	14.00	15.75	10.50	13.80	14.55	16.05	12.40	14.30	16.00	10.60	14.85	15.75	11.40	15.45	16.20	10.40	14.40	13.80	11.50	13.80	12.30	13.00	11.00	10.40	9.00				
16.0				10.50	11.05	12.80	9.50	10.90	11.60	13.10	11.20	11.40	13.05	9.40	11.90	12.75	10.10	12.45	13.20	9.20	12.50	12.30	10.10	12.10	10.90	11.70	11.00	10.40	9.00				
18.0								8.70	9.45	10.90	10.10	9.25	10.80	8.50	9.75	10.55	9.00	10.25	11.00	8.20	10.30	11.10	9.10	10.45	9.70	10.30	10.50	10.20	9.00				
20.0								7.05	7.75	9.20	9.30	7.55	9.10	7.70	8.10	8.90	8.10	8.55	9.30	7.30	8.60	9.50	8.20	8.75	8.70	9.00	9.50	9.10	8.30				
22.0												6.25	7.75	7.00	6.75	7.55	7.40	7.25	7.95	6.60	7.30	8.15	7.40	7.40	7.80	7.65	8.20	7.90	7.60				
24.0															5.65	6.45	6.80	6.15	6.85	6.00	6.20	7.05	6.80	6.30	7.10	6.55	7.05	6.80	6.85				
26.0															4.75	5.55	6.30	5.25	5.90	5.50	5.25	6.15	6.30	5.40	6.30	5.60	6.15	5.90	5.95				
28.0																		4.50	5.15	5.10	4.50	5.35	5.65	4.65	5.50	4.85	5.35	5.15	5.15				
30.0																			3.85	4.50	4.80	3.85	4.70	5.00	4.00	4.85	4.20	4.70	4.50	4.50			
32.0																						3.30	4.15	4.45	3.45	4.25	3.65	4.15	3.90	3.95			
34.0																						2.80	3.65	3.95	2.95	3.75	3.15	3.65	3.45	3.45			
36.0																								2.50	3.35	2.70	3.20	3.00	3.00				
38.0																								2.15	2.95	2.35	2.80	2.60	2.65				
40.0																										2.00	2.50	2.25	2.30				
42.0																											1.65	2.20	1.95	2.00			
44.0																													1.65	1.70			
46.0																																	1.45
48.0																																	1.20
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00				
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Telescoping conditions (%)																																	
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	46	92	100		
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	92	100		
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100			
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100			
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	92	92	92	92	100			
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	4	3	3	3	3	2	2	2	2		

(Unit: Metric ton)



**Specification S3**

Outriggers intermediately extended (5.0m) over side, with 29.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8		
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom				
2.5	55.00																														
3.0	55.00																														
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																								
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																				
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																	
5.0	53.90	54.40	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																	
6.0	46.20	46.05	28.60	44.30	46.60	32.30	19.80	39.90	46.00	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50														
7.0	35.60	35.30	26.20	35.20	35.90	29.80	17.80	35.40	36.55	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00											
8.0	28.55	28.30	24.20	28.10	28.80	27.70	16.20	28.55	29.45	30.40	18.50	28.70	31.15	16.90	26.60	30.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00						
9.0	23.50	23.30	22.60	23.15	23.75	25.75	14.80	23.60	24.40	26.05	17.10	24.15	26.00	15.40	24.20	25.70	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00				
10.0		19.60	21.15	19.45	20.05	21.95	13.70	19.85	20.65	22.20	15.90	20.40	22.20	14.20	21.00	21.90	15.40	21.00	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40			
11.0		16.70	18.20	16.55	17.15	19.00	12.70	16.95	17.75	19.30	14.80	17.50	19.20	13.10	18.05	18.95	14.20	18.60	19.40	13.00	18.10	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00		
12.0		14.40	15.85	14.25	14.85	16.65	11.80	14.65	15.45	16.95	13.90	15.20	16.80	12.20	15.75	16.60	13.10	16.30	17.05	12.00	16.30	15.60	13.10	16.00	13.00	13.00	11.00	10.40	9.00		
14.0				10.85	11.40	13.15	10.50	11.25	11.95	13.40	12.40	11.75	13.25	10.60	12.25	13.10	11.40	12.80	13.55	10.40	12.80	13.80	11.50	12.95	12.30	13.00	11.00	10.40	9.00		
16.0				8.40	8.90	10.65	9.50	8.80	9.50	10.90	11.20	9.30	10.75	9.40	9.80	10.60	10.10	10.30	11.00	9.20	10.35	11.25	10.10	10.50	10.90	10.75	11.00	10.40	9.00		
18.0								6.95	7.65	9.05	9.40	7.45	8.90	8.50	7.95	8.75	9.00	8.45	9.15	8.20	8.50	9.35	9.10	8.65	9.50	8.85	9.40	9.15	9.00		
20.0								5.50	6.20	7.55	7.95	6.00	7.50	7.70	6.50	7.30	8.10	7.00	7.70	7.30	7.05	7.90	8.20	7.20	8.05	7.40	7.95	7.70	7.70		
22.0												4.85	6.40	6.95	5.35	6.15	7.05	5.85	6.55	6.60	5.85	6.75	7.05	6.05	6.85	6.25	6.75	6.50	6.55		
24.0															4.40	5.20	6.15	4.90	5.60	6.00	4.95	5.80	6.10	5.10	5.95	5.30	5.80	5.55	5.60		
26.0															3.60	4.40	5.40	4.10	4.80	5.30	4.15	5.00	5.30	4.30	5.15	4.50	5.00	4.75	4.80		
28.0																				3.45	4.15	4.65	3.45	4.35	4.65	3.65	4.50	3.85	4.35	4.10	4.10
30.0																				2.85	3.55	4.10	2.90	3.75	4.05	3.05	3.90	3.30	3.75	3.50	3.55
32.0																							2.40	3.30	3.55	2.55	3.40	2.75	3.30	3.00	3.05
34.0																							1.95	2.85	3.15	2.15	2.95	2.35	2.85	2.60	2.60
36.0																									1.75	2.60	1.95	2.45	2.20	2.25	
38.0																									1.45	2.25	1.65	2.10	1.85	1.90	
40.0																										1.35	1.80	1.55	1.60		
42.0																										1.00	1.55	1.30	1.35		
44.0																													1.05	1.10	
46.0																														0.80	
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00		
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Telescoping conditions (%)																															
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100		
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100	
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	92	46	92	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	4	3	3	3	3	2	2	2	

(Unit: Metric ton)

S  
A  
B  
C  
D  
E  
F  
Without SL jib  
With SL jib



Specification A1

Outriggers fully extended (7.2m) 360° full range, with 25.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8					
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29					
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom					22.1m Boom					25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom				
2.5	55.00																																	
3.0	55.00																																	
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																											
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																							
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																				
5.0	53.90	54.40	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																				
6.0	46.20	46.30	28.60	44.30	47.20	32.30	19.80	39.90	46.00	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50																	
7.0	40.60	40.20	26.20	39.50	40.90	29.80	17.80	35.40	41.70	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00														
8.0	36.60	35.40	24.20	35.20	35.90	27.70	16.20	31.70	36.70	30.40	18.50	28.70	32.70	16.90	26.60	30.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00									
9.0	25.30	31.65	22.60	31.30	31.90	25.90	14.80	28.70	32.45	28.10	17.10	26.10	30.80	15.40	24.20	30.00	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00							
10.0		27.35	21.20	27.20	27.85	24.40	13.70	26.20	28.55	25.90	15.90	23.90	29.00	14.20	22.10	29.70	15.40	21.00	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40						
11.0		23.10	20.10	23.00	23.65	23.10	12.70	23.40	24.30	24.00	14.80	22.00	25.95	13.10	20.40	25.65	14.20	19.30	19.40	13.00	18.10	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00					
12.0		19.85	19.20	19.75	20.35	21.90	11.80	20.15	20.95	22.40	13.90	20.40	22.60	12.20	18.80	22.30	13.10	17.80	18.30	12.00	16.70	15.60	13.10	16.00	13.00	13.00	11.00	10.40	9.00					
14.0				15.00	15.60	17.50	10.50	15.40	16.20	17.80	12.40	15.95	17.70	10.60	16.30	17.40	11.40	15.50	16.50	10.40	14.40	13.80	11.50	13.80	12.30	13.00	11.00	10.40	9.00					
16.0				11.70	12.30	14.15	9.50	12.15	12.90	14.40	11.20	12.65	14.35	9.40	13.20	14.05	10.10	13.60	14.55	9.20	12.60	12.30	10.10	12.10	10.90	11.70	11.00	10.40	9.00					
18.0								9.75	10.50	11.95	10.10	10.25	11.90	8.50	10.80	11.60	9.00	11.35	12.10	8.20	11.20	11.10	9.10	10.70	9.70	10.30	10.50	10.20	9.00					
20.0								7.90	8.40	9.60	9.30	8.40	10.00	7.70	8.90	9.75	8.10	9.45	10.20	7.30	9.45	10.10	8.20	9.50	8.70	9.20	9.50	9.10	8.30					
22.0												6.95	8.55	7.00	7.45	8.30	7.40	7.95	8.70	6.60	8.00	8.95	7.40	8.15	7.80	8.20	8.60	8.20	7.60					
24.0															6.30	7.10	6.80	6.80	7.50	6.00	6.85	7.75	6.80	6.95	7.10	7.20	7.75	7.40	6.90					
26.0															5.30	6.10	6.30	5.85	6.50	5.50	5.85	6.75	6.30	6.00	6.50	6.20	6.75	6.50	6.20					
28.0																					5.00	5.70	5.10	5.00	5.90	5.80	5.20	6.00	5.40	5.90	5.70	5.70		
30.0																					4.30	5.00	4.80	4.30	5.20	5.40	4.45	5.30	4.70	5.20	4.95	5.00		
32.0																								3.70	4.60	4.90	3.85	4.70	4.05	4.60	4.35	4.35		
34.0																								3.15	4.05	4.35	3.30	4.15	3.55	4.05	3.80	3.85		
36.0																										2.85	3.70	3.05	3.60	3.35	3.35			
38.0																										2.45	3.30	2.70	3.20	2.95	2.95			
40.0																												2.30	2.80	2.55	2.60			
42.0																												1.95	2.50	2.25	2.25			
44.0																														1.95	2.00			
46.0																															1.70			
48.0																																1.45		
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00					
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Telescoping conditions (%)																																		
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	46	92	100			
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	92	100			
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100				
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100				
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	92	46	92	92	100				
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton			
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg			
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	4	3	3	3	3	3	2	2	2			

(Unit: Metric ton)



Specification A2

Outriggers intermediately extended (6.0m) over side, with 25.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8			
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom							
2.5	55.00																															
3.0	55.00																															
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																									
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																					
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																		
5.0	53.90	54.40	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																		
6.0	46.20	46.30	28.60	44.30	47.20	32.30	19.80	39.90	46.00	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50															
7.0	40.60	40.20	26.20	39.50	40.90	29.80	17.80	35.40	41.70	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00												
8.0	32.10	31.85	24.20	31.65	32.35	27.70	16.20	31.70	33.10	30.40	18.50	28.70	32.70	16.90	26.60	30.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00							
9.0	25.30	26.00	22.60	25.80	26.45	25.90	14.80	26.25	27.15	28.10	17.10	26.10	28.85	15.40	24.20	28.50	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00					
10.0		21.65	21.20	21.50	22.15	24.20	13.70	21.95	22.80	24.50	15.90	22.50	24.40	14.20	22.10	24.10	15.40	21.00	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40				
11.0		18.40	20.00	18.25	18.85	20.80	12.70	18.65	19.45	21.10	14.80	19.20	21.05	13.10	19.80	20.75	14.20	19.30	19.40	13.00	18.10	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00			
12.0		15.80	17.35	15.70	16.30	18.15	11.80	16.10	16.85	18.45	13.90	16.60	18.40	12.20	17.20	18.10	13.10	17.80	18.30	12.00	16.70	15.60	13.10	16.00	13.00	13.00	11.00	10.40	9.00			
14.0				11.85	12.45	14.25	10.50	12.30	13.00	14.55	12.40	12.80	14.45	10.60	13.35	14.20	11.40	13.90	14.65	10.40	13.90	13.80	11.50	13.80	12.30	13.00	11.00	10.40	9.00			
16.0				9.20	9.75	11.50	9.50	9.60	10.30	11.75	11.20	10.10	11.75	9.40	10.60	11.45	10.10	11.15	11.90	9.20	11.15	12.10	10.10	11.35	10.90	11.60	11.00	10.40	9.00			
18.0								7.60	8.30	9.75	10.10	8.10	9.70	8.50	8.60	9.40	9.00	9.15	9.85	8.20	9.15	10.10	9.10	9.30	9.70	9.55	10.10	9.80	9.00			
20.0								6.05	6.75	8.15	8.55	6.55	8.10	7.70	7.05	7.85	8.10	7.55	8.30	7.30	7.60	8.55	8.20	7.75	8.65	8.00	8.50	8.30	8.30			
22.0												5.30	6.85	7.00	5.85	6.65	7.40	6.35	7.05	6.60	6.35	7.25	7.40	6.50	7.40	6.75	7.30	7.00	7.05			
24.0															4.85	5.65	6.60	5.30	6.00	6.00	5.35	6.25	6.55	5.50	6.40	5.75	6.25	6.00	6.00			
26.0															4.00	4.80	5.75	4.50	5.15	5.50	4.55	5.40	5.70	4.65	5.55	4.90	5.40	5.15	5.20			
28.0																		3.80	4.45	5.00	3.85	4.65	4.95	3.95	4.85	4.20	4.70	4.45	4.45			
30.0																		3.20	3.90	4.35	3.20	4.05	4.35	3.35	4.20	3.60	4.10	3.85	3.85			
32.0																					2.70	3.55	3.85	2.85	3.70	3.05	3.55	3.30	3.35			
34.0																					2.25	3.10	3.40	2.40	3.25	2.60	3.10	2.85	2.90			
36.0																								2.00	2.80	2.20	2.70	2.45	2.50			
38.0																								1.60	2.45	1.85	2.35	2.10	2.15			
40.0																										1.50	2.00	1.80	1.80			
42.0																										1.25	1.75	1.50	1.50			
44.0																												1.25	1.25			
46.0																														1.05		
48.0																															0.80	
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00			
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Telescoping conditions (%)																																
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100			
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	100		
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100		
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100		
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	92	46	92	92	92	100		
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton			
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg			
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	3	3	3	3	3	2	2	2		

(Unit: Metric ton)

S  
A  
B  
C  
D  
E  
F  
Without SL jib  
With SL jib

Specification A3

Outriggers intermediately extended (5.0m) over side, with 25.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8				
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29				
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom					22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom				
2.5	55.00																																
3.0	55.00																																
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																										
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																						
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																			
5.0	53.90	54.40	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																			
6.0	42.10	41.80	28.60	41.65	42.40	32.30	19.80	39.90	43.15	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50																
7.0	32.25	31.95	26.20	31.85	32.50	29.80	17.80	32.30	33.20	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00													
8.0	25.75	25.50	24.20	25.35	26.00	27.70	16.20	25.80	26.65	28.40	18.50	26.40	28.35	16.90	26.60	28.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00								
9.0	21.10	20.95	22.60	20.80	21.40	23.40	14.80	21.20	22.00	23.65	17.10	21.75	23.65	15.40	22.40	23.35	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00						
10.0		17.50	19.10	17.40	18.00	19.85	13.70	17.80	18.55	20.15	15.90	18.35	20.10	14.20	18.90	19.85	15.40	19.50	20.30	14.10	19.50	16.30	15.00	16.00	13.00	13.00	11.00	10.40					
11.0		14.85	16.40	14.75	15.35	17.15	12.70	15.15	15.90	17.40	14.80	15.65	17.40	13.10	16.20	17.10	14.20	16.75	17.55	13.00	16.80	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00				
12.0		12.75	14.25	12.65	13.20	15.00	11.80	13.00	13.75	15.25	13.90	13.50	15.20	12.20	14.05	14.95	13.10	14.65	15.40	12.00	14.65	15.60	13.10	14.80	13.00	13.00	11.00	10.40	9.00				
14.0				9.50	10.00	11.75	10.50	9.85	10.60	12.05	12.40	10.35	11.95	10.60	10.85	11.70	11.40	11.40	12.15	10.40	11.45	12.40	11.50	11.60	12.30	11.85	11.00	10.40	9.00				
16.0				7.20	7.80	9.45	9.50	7.60	8.30	9.75	10.10	8.10	9.65	9.40	8.60	9.40	10.10	9.15	9.85	9.20	9.15	10.10	10.10	9.30	10.25	9.55	10.10	9.80	9.00				
18.0								5.90	6.60	8.00	8.40	6.40	7.95	8.50	6.90	7.70	8.65	7.40	8.15	8.20	7.45	8.35	8.65	7.60	8.50	7.85	8.35	8.10	8.15				
20.0								4.60	5.30	6.65	7.05	5.05	6.65	7.20	5.60	6.35	7.35	6.10	6.80	7.30	6.10	7.00	7.30	6.25	7.15	6.50	7.00	6.75	6.80				
22.0												4.00	5.55	6.15	4.50	5.30	6.30	5.05	5.75	6.25	5.05	5.95	6.25	5.20	6.10	5.40	5.95	5.70	5.75				
24.0															3.65	4.40	5.45	4.15	4.85	5.35	4.15	5.05	5.35	4.35	5.20	4.55	5.05	4.85	4.85				
26.0															2.95	3.70	4.70	3.45	4.10	4.65	3.45	4.35	4.65	3.60	4.45	3.80	4.30	4.10	4.10				
28.0																		2.80	3.50	4.05	2.85	3.70	4.00	3.00	3.85	3.20	3.70	3.50	3.50				
30.0																		2.30	2.95	3.50	2.30	3.20	3.50	2.50	3.30	2.70	3.20	2.95	3.00				
32.0																					1.85	2.70	3.00	2.05	2.85	2.25	2.70	2.50	2.55				
34.0																					1.50	2.30	2.60	1.60	2.45	1.85	2.30	2.10	2.15				
36.0																							1.30	2.10	1.50	1.95	1.75	1.80					
38.0																								0.95	1.80	1.15	1.65	1.40	1.45				
40.0																									0.80	1.40	1.15	1.20					
42.0																										1.15	0.90	0.95					
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00				
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27		

Telescoping conditions (%)

2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	46	92	100
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	92	100
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	92	100
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	92	100
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	92	46	92	92	92	100
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2	2	

(Unit: Metric ton)



**Specification A4**

Outriggers intermediately extended (4.2m) over side,  
with 25.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8	
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom					
2.5	55.00																													
3.0	55.00																													
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																							
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																			
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																
5.0	46.70	46.40	31.50	46.20	47.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																
6.0	34.20	33.95	28.60	33.75	34.45	32.30	19.80	34.25	35.15	35.00	22.30	34.85	35.00	20.90	31.50	30.00	22.50													
7.0	26.55	26.30	26.20	26.10	26.75	28.85	17.80	26.55	27.40	29.15	20.20	27.15	29.10	18.70	27.80	28.80	20.30	25.00	21.00	18.00										
8.0	21.30	21.10	22.70	20.95	21.60	23.45	16.20	21.35	22.15	23.80	18.50	21.90	23.60	16.90	22.50	23.45	18.40	23.15	21.00	17.00	20.00	19.30	16.30	15.00	16.00	13.00				
9.0	17.50	17.35	18.85	17.20	17.75	19.55	14.80	17.55	18.25	19.90	17.10	18.05	19.65	15.40	18.65	19.60	16.80	19.25	20.00	15.40	19.30	16.30	15.00	16.00	13.00	13.00	11.00			
10.0		14.50	15.95	14.35	14.90	16.60	13.70	14.70	15.40	16.90	15.90	15.15	16.75	14.20	15.75	16.75	15.40	16.30	17.05	14.10	16.35	16.30	15.00	16.00	13.00	13.00	11.00	10.40		
11.0		12.30	13.70	12.15	12.65	14.35	12.70	12.50	13.15	14.65	14.80	12.90	14.45	13.10	13.50	14.45	14.20	14.00	14.75	13.00	14.10	15.00	14.10	14.30	13.00	13.00	11.00	10.40	9.00	
12.0		10.50	11.90	10.35	10.90	12.50	11.80	10.70	11.35	12.80	13.10	11.15	12.65	12.20	11.70	12.60	13.10	12.20	12.90	12.00	12.25	13.15	13.10	12.50	13.00	12.70	11.00	10.40	9.00	
14.0				7.70	8.25	9.80	9.85	8.05	8.70	10.05	10.35	8.45	9.90	10.50	8.95	9.85	10.65	9.45	10.15	10.40	9.50	10.40	10.70	9.75	10.50	9.95	10.45	10.25	9.00	
16.0				5.70	6.25	7.90	7.90	6.15	6.80	8.10	8.40	6.55	7.95	8.55	7.05	7.85	8.70	7.50	8.20	8.65	7.55	8.45	8.70	7.75	8.55	7.95	8.50	8.25	8.30	
18.0								4.65	5.35	6.65	6.95	5.15	6.50	7.05	5.60	6.40	7.20	6.05	6.75	7.20	6.10	6.95	7.20	6.25	7.05	6.50	7.00	6.75	6.80	
20.0								3.50	4.15	5.50	5.85	3.95	5.40	5.95	4.45	5.25	6.10	4.95	5.60	6.05	5.00	5.80	6.05	5.10	5.90	5.35	5.85	5.60	5.60	
22.0												3.05	4.50	5.05	3.55	4.30	5.20	4.05	4.70	5.15	4.05	4.90	5.15	4.15	5.00	4.40	4.90	4.65	4.70	
24.0															2.75	3.55	4.45	3.25	3.95	4.40	3.30	4.15	4.40	3.40	4.25	3.65	4.15	3.90	3.90	
26.0															2.15	2.90	3.85	2.60	3.30	3.75	2.65	3.50	3.75	2.75	3.60	3.00	3.50	3.25	3.25	
28.0																		2.05	2.75	3.25	2.10	2.95	3.25	2.25	3.10	2.45	2.95	2.70	2.70	
30.0																			1.65	2.30	2.80	1.65	2.50	2.80	1.75	2.60	2.00	2.50	2.25	2.25
32.0																					1.15	2.10	2.40	1.40	2.20	1.60	2.10	1.85	1.85	
34.0																						1.70	2.00	1.00	1.85	1.20	1.70	1.50	1.50	
36.0																									1.55	0.80	1.40	1.20	1.20	
38.0																									1.25		1.10	0.90	0.90	
40.0																											0.80			
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00	
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	29	-	31	37	
Telescoping conditions (%)																														
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100	
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	3	3	3	3	3	2	2	

(Unit: Metric ton)

S  
A  
B  
C  
D  
E  
F  
Without SL jib  
With SL jib

Specification B1

Outriggers fully extended (7.2m) 360° full range, with 21.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8	
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom		
2.5	55.00																													
3.0	55.00																													
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																							
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																			
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																
5.0	53.90	54.40	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																
6.0	46.20	46.30	28.60	44.30	47.20	32.30	19.80	39.90	46.00	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50													
7.0	40.60	40.20	26.20	39.50	40.90	29.80	17.80	35.40	41.70	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00										
8.0	35.45	35.30	24.20	35.10	35.60	27.70	16.20	31.70	36.10	30.40	18.50	28.70	32.70	16.90	26.60	30.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00					
9.0	25.30	29.90	22.60	29.75	30.45	25.90	14.80	28.70	31.20	28.10	17.10	26.10	30.80	15.40	24.20	30.00	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00			
10.0		24.70	21.20	24.55	25.25	24.40	13.70	25.00	25.95	25.90	15.90	23.90	27.65	14.20	22.10	27.35	15.40	21.00	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40		
11.0		20.85	20.10	20.70	21.35	23.10	12.70	21.15	22.00	23.70	14.80	21.75	23.65	13.10	20.40	23.35	14.20	19.30	19.40	13.00	18.10	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00	
12.0		17.80	19.20	17.70	18.30	20.35	11.80	18.10	18.95	20.60	13.90	18.70	20.55	12.20	18.80	20.25	13.10	17.80	18.30	12.00	16.70	15.60	13.10	16.00	13.00	13.00	11.00	10.40	9.00	
14.0				13.35	13.95	15.85	10.50	13.75	14.55	16.10	12.40	14.30	16.05	10.60	14.85	15.80	11.40	15.45	16.25	10.40	14.40	13.80	11.50	13.80	12.30	13.00	11.00	10.40	9.00	
16.0				10.35	10.90	12.75	9.50	10.75	11.50	13.00	11.20	11.25	12.95	9.40	11.80	12.70	10.10	12.40	13.10	9.20	12.40	12.30	10.10	12.10	10.90	11.70	11.00	10.40	9.00	
18.0								8.50	9.25	10.70	10.10	9.05	10.70	8.50	9.55	10.45	9.00	10.10	10.85	8.20	10.15	11.10	9.10	10.30	9.70	10.30	10.50	10.20	9.00	
20.0								6.80	7.55	8.95	9.30	7.30	8.95	7.70	7.85	8.70	8.10	8.40	9.10	7.30	8.40	9.35	8.20	8.60	8.70	8.80	9.35	9.10	8.30	
22.0												6.00	7.60	7.00	6.50	7.30	7.40	7.05	7.75	6.60	7.05	8.00	7.40	7.20	7.80	7.45	7.95	7.75	7.60	
24.0															5.40	6.20	6.80	5.90	6.65	6.00	5.95	6.85	6.80	6.10	7.00	6.35	6.85	6.65	6.65	
26.0															4.50	5.30	6.30	5.00	5.75	5.50	5.05	5.95	6.30	5.20	6.10	5.45	5.95	5.70	5.75	
28.0																		4.25	5.00	5.10	4.30	5.20	5.50	4.40	5.30	4.70	5.20	4.90	4.95	
30.0																		3.60	4.30	4.80	3.65	4.50	4.80	3.80	4.65	4.00	4.55	4.25	4.30	
32.0																					3.10	3.95	4.25	3.25	4.10	3.45	3.95	3.70	3.75	
34.0																					2.60	3.45	3.75	2.75	3.60	2.95	3.45	3.25	3.25	
36.0																								2.30	3.15	2.55	3.00	2.80	2.85	
38.0																								1.95	2.75	2.15	2.65	2.40	2.45	
40.0																										1.80	2.30	2.05	2.10	
42.0																										1.50	2.05	1.80	1.80	
44.0																												1.50	1.50	
46.0																													1.30	
48.0																													1.05	
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00	
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Telescoping conditions (%)																														
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100	
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2	

(Unit: Metric ton)



**Specification B2**

Outriggers intermediately extended (6.0m) over side, with 21.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8		
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom			
2.5	55.00																														
3.0	55.00																														
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																								
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																				
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																	
5.0	53.90	54.40	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																	
6.0	46.20	46.30	28.60	44.30	47.20	32.30	19.80	39.90	46.00	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50														
7.0	36.90	36.65	26.20	36.45	37.20	29.80	17.80	35.40	37.95	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00											
8.0	29.00	28.80	24.20	28.65	29.35	27.70	16.20	29.10	30.05	30.40	18.50	28.70	31.85	16.90	26.60	30.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00						
9.0	23.60	23.40	22.60	23.25	23.90	25.90	14.80	23.70	24.55	26.35	17.10	24.30	26.25	15.40	24.20	25.95	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00				
10.0		19.45	21.10	19.30	19.95	21.95	13.70	19.70	20.55	22.25	15.90	20.30	22.20	14.20	20.90	21.90	15.40	21.00	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40			
11.0		16.45	18.00	16.30	16.90	18.85	12.70	16.70	17.50	19.15	14.80	17.25	19.10	13.10	17.85	18.80	14.20	18.45	19.30	13.00	18.10	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00		
12.0		14.05	15.60	13.95	14.55	16.40	11.80	14.35	15.10	16.70	13.90	14.85	16.65	12.20	15.40	16.35	13.10	16.00	16.85	12.00	16.05	15.60	13.10	16.00	13.00	13.00	11.00	10.40	9.00		
14.0				10.40	11.00	12.80	10.50	10.85	11.60	13.10	12.40	11.35	13.00	10.60	11.90	12.75	11.40	12.45	13.20	10.40	12.45	13.45	11.50	12.65	12.30	12.90	11.00	10.40	9.00		
16.0				7.95	8.50	10.25	9.50	8.35	9.05	10.50	10.95	8.85	10.50	9.40	9.40	10.20	10.10	9.90	10.65	9.20	9.95	10.90	10.10	10.10	10.90	10.35	10.90	10.40	9.00		
18.0								6.55	7.20	8.65	9.05	7.00	8.60	8.50	7.55	8.35	9.00	8.05	8.80	8.20	8.10	9.00	9.10	8.25	9.15	8.45	9.00	8.75	8.80		
20.0								5.10	5.80	7.20	7.60	5.60	7.15	7.70	6.10	6.90	7.95	6.60	7.35	7.30	6.65	7.60	7.90	6.80	7.70	7.05	7.55	7.30	7.35		
22.0												4.45	6.05	6.80	5.00	5.80	6.75	5.50	6.20	6.60	5.50	6.40	6.70	5.65	6.55	5.90	6.40	6.20	6.20		
24.0															4.05	4.85	5.85	4.55	5.25	5.75	4.60	5.50	5.75	4.70	5.60	4.95	5.50	5.20	5.25		
26.0															3.30	4.10	5.05	3.80	4.50	5.00	3.80	4.70	5.00	3.95	4.85	4.20	4.70	4.45	4.45		
28.0																		3.15	3.85	4.35	3.20	4.05	4.30	3.30	4.20	3.55	4.05	3.80	3.80		
30.0																		2.60	3.30	3.75	2.60	3.50	3.75	2.75	3.60	3.00	3.50	3.25	3.25		
32.0																					2.15	3.00	3.25	2.25	3.15	2.50	3.00	2.75	2.75		
34.0																					1.70	2.60	2.85	1.85	2.70	2.10	2.60	2.35	2.35		
36.0																								1.45	2.35	1.70	2.20	1.95	2.00		
38.0																								1.15	2.00	1.40	1.90	1.65	1.65		
40.0																										1.10	1.55	1.35	1.35		
42.0																										0.80	1.30	1.10	1.10		
44.0																													0.85	0.90	
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00		
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	
Telescoping conditions (%)																															
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100		
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100		
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100		
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100		
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100		
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	3	3	3	3	3	2	2	2	

(Unit: Metric ton)

S  
A  
B  
C  
D  
E  
F  
Without SL jib  
With SL jib

Specification B3

Outriggers intermediately extended (5.0m) over side, with 21.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8			
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom				
2.5	55.00																															
3.0	55.00																															
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																									
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																					
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																		
5.0	53.55	53.25	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																		
6.0	38.15	37.85	28.60	37.70	38.45	32.30	19.80	38.20	39.20	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50															
7.0	29.10	28.85	26.20	28.70	29.40	29.80	17.80	29.15	30.10	31.95	20.20	29.80	31.85	18.70	29.60	30.00	20.30	25.00	21.00	18.00												
8.0	23.15	22.90	24.20	22.80	23.45	25.45	16.20	23.20	24.05	25.80	18.50	23.80	25.75	16.90	24.45	25.45	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00							
9.0	18.90	18.70	20.35	18.60	19.20	21.15	14.80	19.00	19.80	21.45	17.10	19.55	21.40	15.40	20.15	21.10	16.80	20.75	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00					
10.0		15.60	17.15	15.45	16.05	17.95	13.70	15.85	16.65	18.20	15.90	16.40	18.15	14.20	16.95	17.85	15.40	17.55	18.35	14.10	17.55	16.30	15.00	16.00	13.00	13.00	11.00	10.40				
11.0		13.10	14.65	13.00	13.60	15.45	12.70	13.45	14.15	15.70	14.80	13.90	15.65	13.10	14.50	15.40	14.20	15.10	15.90	13.00	15.10	16.10	14.10	15.25	13.00	13.00	11.00	10.40	9.00			
12.0		11.15	12.70	11.10	11.65	13.45	11.80	11.50	12.20	13.75	13.90	11.95	13.70	12.20	12.50	13.40	13.10	13.05	13.85	12.00	13.15	14.10	13.10	13.25	13.00	13.00	11.00	10.40	9.00			
14.0				8.20	8.75	10.50	10.50	8.55	9.30	10.75	11.15	9.05	10.70	10.60	9.60	10.45	11.40	10.15	10.85	10.40	10.15	11.10	11.45	10.35	11.25	10.55	11.00	10.40	9.00			
16.0				6.10	6.65	8.35	8.40	6.50	7.20	8.65	9.05	7.00	8.60	9.15	7.50	8.30	9.35	8.00	8.75	9.20	8.05	9.00	9.30	8.20	9.15	8.45	8.95	8.70	8.75			
18.0								5.00	5.65	7.05	7.45	5.40	7.00	7.60	5.95	6.75	7.75	6.45	7.15	7.70	6.45	7.40	7.70	6.60	7.55	6.85	7.40	7.15	7.15			
20.0								3.75	4.45	5.80	6.20	4.20	5.80	6.35	4.75	5.50	6.50	5.25	5.95	6.50	5.25	6.15	6.45	5.40	6.30	5.65	6.15	5.90	5.90			
22.0												3.30	4.75	5.35	3.75	4.55	5.55	4.25	4.95	5.50	4.30	5.15	4.65	4.45	5.30	4.65	5.15	4.95	4.95			
24.0															2.95	3.75	4.75	3.45	4.15	4.70	3.45	4.35	4.00	3.65	4.50	3.85	4.35	4.10	4.15			
26.0															2.30	3.05	4.05	2.80	3.45	4.00	2.80	3.70	3.40	2.95	3.80	3.15	3.70	3.45	3.50			
28.0																		2.20	2.90	3.45	2.25	3.10	2.90	2.40	3.25	2.60	3.10	2.90	2.90			
30.0																		1.75	2.40	2.95	1.75	2.65	2.50	1.95	2.75	2.10	2.60	2.40	2.45			
32.0																					1.40	2.20	2.40	1.50	2.35	1.70	2.20	2.00	2.00			
34.0																					0.95	1.85	2.30	1.15	1.95	1.35	1.85	1.65	1.65			
36.0																							0.80	1.65	1.00	1.50	1.30	1.30				
38.0																								1.35		1.25	1.00	1.05				
40.0																											1.00					
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00			
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	25	-	28	35			
Telescoping conditions (%)																																
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	46	92	100	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100		
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100		
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	92	100		
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2			

(Unit: Metric ton)



**Specification B4**

Outriggers intermediately extended (4.2m) over side, with 21.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8			
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom						
2.5	55.00																															
3.0	55.00																															
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																									
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																					
4.5	51.20	50.85	33.30	50.65	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																		
5.0	42.30	41.95	31.50	41.80	42.55	35.00	22.20	42.30	43.35	35.00	24.80	40.40	35.00	23.60																		
6.0	30.85	30.55	28.60	30.40	31.10	32.30	19.80	30.85	31.80	33.65	22.30	31.50	33.60	20.90	31.50	30.00	22.50															
7.0	23.80	23.55	25.25	23.40	24.05	26.10	17.80	23.85	24.70	26.40	20.20	24.40	26.40	18.70	25.05	26.05	20.30	25.00	21.00	18.00												
8.0	19.05	18.80	20.40	18.65	19.30	21.25	16.20	19.05	19.90	21.50	18.50	19.65	21.35	16.90	20.25	21.20	18.40	20.85	21.00	17.00	20.00	16.30	15.00	16.00	13.00							
9.0	15.55	15.35	16.95	15.25	15.85	17.65	14.80	15.65	16.40	17.85	17.10	16.10	17.75	15.40	16.70	17.65	16.80	17.35	18.15	15.40	17.35	16.30	15.00	16.00	13.00	13.00	11.00					
10.0		12.75	14.30	12.65	13.25	14.95	13.70	13.05	13.75	15.15	15.60	13.50	15.05	14.20	14.05	15.00	15.40	14.65	15.40	14.10	14.70	15.70	15.00	14.85	13.00	13.00	11.00	10.40				
11.0		10.75	12.20	10.65	11.20	12.85	12.70	11.00	11.70	13.05	13.45	11.45	12.95	13.10	11.95	12.85	13.80	12.55	13.30	13.00	12.60	13.55	13.85	12.75	13.00	13.00	11.00	10.40	9.00			
12.0		9.05	10.55	9.00	9.55	11.20	11.30	9.40	10.05	11.40	11.80	9.80	11.30	11.90	10.30	11.20	12.10	10.90	11.60	12.00	10.95	11.85	12.15	11.10	12.00	11.35	11.00	10.40	9.00			
14.0				6.50	7.05	8.70	8.80	6.90	7.60	8.90	9.25	7.35	8.80	9.40	7.85	8.65	9.55	8.35	9.05	9.55	8.45	9.30	9.60	8.60	9.40	8.85	9.35	9.10	9.00			
16.0				4.75	5.25	6.95	6.95	5.10	5.80	7.10	7.50	5.60	7.00	7.60	6.10	6.85	7.75	6.60	7.25	7.75	6.65	7.50	7.75	6.80	7.60	7.00	7.55	7.30	7.30			
18.0								3.75	4.45	5.80	6.15	4.25	5.70	6.25	4.75	5.50	6.40	5.25	5.90	6.35	5.25	6.15	6.40	5.40	6.25	5.65	6.15	5.90	5.95			
20.0								2.70	3.40	4.75	5.10	3.20	4.65	5.20	3.70	4.45	5.35	4.20	4.85	5.30	4.20	5.05	5.35	4.35	5.20	4.60	5.10	4.85	4.85			
22.0												2.35	3.85	4.40	2.80	3.60	4.50	3.30	4.00	4.45	3.35	4.20	4.50	3.50	4.35	3.70	4.20	3.95	4.00			
24.0															2.10	2.90	3.85	2.60	3.30	3.80	2.65	3.50	3.80	2.80	3.65	3.00	3.50	3.25	3.30			
26.0															1.55	2.30	3.30	2.00	2.70	3.20	2.05	2.90	3.20	2.20	3.05	2.40	2.90	2.65	2.70			
28.0																		1.55	2.20	2.70	1.55	2.40	2.70	1.70	2.55	1.90	2.40	2.15	2.20			
30.0																		1.05	1.75	2.30	1.05	1.95	2.25	1.30	2.10	1.50	2.00	1.75	1.75			
32.0																						1.60	1.90	0.90	1.75	1.05	1.60	1.35	1.40			
34.0																						1.30	1.55		1.40		1.30	1.05	1.10			
36.0																									1.10		0.95					
38.0																									0.80							
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00			
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	-	31	-	36	25	38	43			
Telescoping conditions (%)																																
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	46	100		
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	100		
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100			
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100			
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	92	46	92	92	100			
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	4	3	3	3	3	3	2	2	2		

(Unit: Metric ton)

S  
A  
B  
C  
D  
E  
F  
With SL jib  
Without SL jib



Specification C1

Outriggers fully extended (7.2m) 360° full range, with 15.3ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8		
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom					22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom		
2.5	55.00																														
3.0	55.00																														
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																								
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																				
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																	
5.0	53.90	54.40	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																	
6.0	46.20	46.25	28.60	44.30	46.60	32.30	19.80	39.90	46.00	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50														
7.0	38.80	38.65	26.20	38.50	39.00	29.80	17.80	35.40	39.50	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00											
8.0	30.70	30.45	24.20	30.30	31.05	27.70	16.20	30.75	31.80	30.40	18.50	28.70	32.70	16.90	26.60	30.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00						
9.0	24.50	24.30	22.60	24.10	24.85	25.90	14.80	24.60	25.55	27.45	17.10	25.25	27.40	15.40	24.20	27.10	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00				
10.0		19.90	21.20	19.75	20.45	22.60	13.70	20.20	21.10	22.90	15.90	20.80	22.85	14.20	21.50	22.50	15.40	21.00	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40			
11.0		16.60	18.35	16.50	17.15	19.20	12.70	16.95	17.80	19.50	14.80	17.50	19.45	13.10	18.15	19.15	14.20	18.80	19.40	13.00	18.10	16.30	14.10	16.00	13.00	13.00	11.00	10.40			9.00
12.0		14.05	15.75	13.95	14.60	16.60	11.80	14.40	15.25	16.90	13.90	14.95	16.80	12.20	15.55	16.50	13.10	16.20	17.05	12.00	16.20	15.60	13.10	16.00	13.00	13.00	11.00	10.40			9.00
14.0				10.30	10.90	12.75	10.50	10.75	11.50	13.05	12.40	11.25	13.00	10.60	11.80	12.75	11.40	12.40	13.20	10.40	12.40	13.45	11.50	12.60	12.30	12.85	11.00	10.40			9.00
16.0				7.75	8.35	10.15	9.50	8.15	8.90	10.45	10.85	8.70	10.35	9.40	9.25	10.10	10.10	9.80	10.60	9.20	9.80	10.85	10.10	10.00	10.90	10.25	10.80	10.40			9.00
18.0								6.30	7.00	8.50	8.90	6.80	8.45	8.50	7.35	8.20	9.00	7.90	8.65	8.20	7.90	8.85	9.10	8.05	9.00	8.30	8.90	8.60			8.60
20.0								4.85	5.55	7.00	7.45	5.40	6.95	7.60	5.90	6.75	7.80	6.40	7.15	7.30	6.45	7.40	7.70	6.60	7.55	6.85	7.40	7.15			7.15
22.0												4.20	5.80	6.40	4.75	5.55	6.60	5.25	6.00	6.55	5.30	6.20	6.55	5.45	6.35	5.65	6.20	5.95			6.00
24.0															3.80	4.65	5.65	4.30	5.05	5.60	4.35	5.30	5.60	4.50	5.40	4.75	5.25	5.05			5.05
26.0															3.05	3.85	4.90	3.55	4.30	4.80	3.60	4.50	4.80	3.75	4.65	4.00	4.50	4.25			4.25
28.0																		2.95	3.65	4.15	2.95	3.85	4.15	3.10	4.00	3.35	3.85	3.60			3.60
30.0																		2.40	3.10	3.60	2.40	3.30	3.55	2.55	3.40	2.75	3.30	3.05			3.05
32.0																					1.90	2.80	3.10	2.10	2.90	2.30	2.80	2.55			2.60
34.0																					1.55	2.40	2.70	1.65	2.50	1.90	2.40	2.15			2.20
36.0																							1.30	2.15	1.55	2.00	1.75				1.80
38.0																							1.00	1.80	1.20	1.70	1.45				1.50
40.0																									0.95	1.40	1.20				1.20
42.0																											1.15	0.90			0.95
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40			9.00
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29

Telescoping conditions (%)

2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	46	92	100
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	92	100
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100	
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2	2	

(Unit: Metric ton)



**Specification C2**

Outriggers intermediately extended (6.0m) over side, with 15.3ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8			
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom						
2.5	55.00																															
3.0	55.00																															
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																									
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																					
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																		
5.0	53.90	54.40	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																		
6.0	40.45	40.15	28.60	39.95	40.80	32.30	19.80	39.90	41.65	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50															
7.0	30.00	29.75	26.20	29.55	30.30	29.80	17.80	30.05	31.05	32.60	20.20	30.75	33.05	18.70	29.60	30.00	20.30	25.00	21.00	18.00												
8.0	23.40	23.15	24.20	23.00	23.70	25.95	16.20	23.50	24.35	26.25	18.50	24.10	26.20	16.90	24.80	25.90	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00							
9.0	18.80	18.65	20.35	18.50	19.15	21.25	14.80	18.95	19.80	21.55	17.10	19.55	21.50	15.40	20.15	21.20	16.80	20.85	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00					
10.0		15.30	17.00	15.20	15.85	17.80	13.70	15.60	16.45	18.15	15.90	16.15	18.10	14.20	16.75	17.75	15.40	17.40	18.25	14.10	17.45	16.30	15.00	16.00	13.00	13.00	11.00	10.40				
11.0		12.80	14.40	12.70	13.30	15.20	12.70	13.10	13.85	15.50	14.80	13.60	15.45	13.10	14.20	15.15	14.20	14.80	15.65	13.00	14.85	15.90	14.10	15.05	13.00	13.00	11.00	10.40	9.00			
12.0		10.80	12.35	10.70	11.30	13.15	11.80	11.10	11.90	13.45	13.90	11.60	13.35	12.20	12.20	13.10	13.10	12.80	13.60	12.00	12.80	13.85	13.10	12.95	13.00	13.00	11.00	10.40	9.00			
14.0				7.75	8.30	10.15	10.15	8.15	8.90	10.40	10.80	8.65	10.30	10.60	9.20	10.10	11.20	9.75	10.55	10.40	9.80	10.80	11.10	9.95	10.90	10.20	10.80	10.40	9.00			
16.0				5.65	6.20	8.00	8.05	6.10	6.80	8.25	8.65	6.55	8.20	8.85	7.10	7.95	9.05	7.65	8.35	9.00	7.65	8.60	8.95	7.80	8.75	8.10	8.65	8.40	8.40			
18.0								4.55	5.25	6.65	7.05	5.00	6.65	7.25	5.55	6.35	7.45	6.10	6.80	7.35	6.10	7.05	7.35	6.25	7.15	6.50	7.00	6.75	6.80			
20.0								3.35	4.05	5.45	5.85	3.85	5.40	6.00	4.35	5.15	6.20	4.85	5.60	6.15	4.90	5.80	6.15	5.05	5.95	5.25	5.80	5.55	5.60			
22.0												2.90	4.45	5.05	3.40	4.20	5.20	3.90	4.65	5.15	3.95	4.85	5.15	4.10	4.95	4.30	4.85	4.60	4.65			
24.0															2.60	3.40	4.40	3.10	3.85	4.35	3.15	4.05	4.35	3.30	4.20	3.55	4.05	3.80	3.85			
26.0															2.00	2.75	3.75	2.50	3.20	3.70	2.50	3.40	3.70	2.65	3.50	2.90	3.40	3.15	3.15			
28.0																		1.95	2.65	3.15	1.95	2.85	3.15	2.10	3.00	2.35	2.85	2.60	2.60			
30.0																		1.45	2.15	2.70	1.50	2.40	2.65	1.65	2.50	1.85	2.40	2.10	2.15			
32.0																					1.10	1.95	2.25	1.20	2.10	1.45	1.95	1.70	1.75			
34.0																						1.60	1.90	0.90	1.75	1.10	1.60	1.40	1.40			
36.0																								1.40		1.30	1.05	1.05				
38.0																								1.15		1.05	0.80	0.80				
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00			
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	30	-	32	38			
Telescoping conditions (%)																																
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	46	92	100	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100		
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100		
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	92	46	92	92	92	100		
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	4	3	3	3	3	2	2	2		

(Unit: Metric ton)

S  
A  
B  
C  
D  
E  
F  
Without SL jib  
With SL jib

Specification C3

Outriggers intermediately extended (5.0m) over side, with 15.3ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom	
2.5	55.00																												
3.0	55.00																												
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																						
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																		
4.5	54.05	53.70	33.30	53.50	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30															
5.0	43.60	43.25	31.50	43.05	43.95	35.00	22.20	43.65	44.80	35.00	24.80	40.40	35.00	23.60															
6.0	30.80	30.50	28.60	30.35	31.10	32.30	19.80	30.85	31.85	33.85	22.30	31.55	33.80	20.90	31.50	30.00	22.50												
7.0	23.30	23.00	24.85	22.80	23.50	25.75	17.80	23.30	24.20	26.10	20.20	23.90	26.05	18.70	24.60	25.70	20.30	25.00	21.00	18.00									
8.0	18.30	18.05	19.80	17.90	18.55	20.65	16.20	18.35	19.20	20.95	18.50	18.95	20.85	16.90	19.55	20.60	18.40	20.20	21.00	17.00	20.00	16.30	15.00	16.00	13.00				
9.0	14.75	14.60	16.20	14.40	15.05	17.00	14.80	14.85	15.65	17.30	17.10	15.40	17.25	15.40	16.00	16.95	16.80	16.60	17.45	15.40	16.65	16.30	15.00	16.00	13.00	13.00	11.00		
10.0		11.95	13.55	11.85	12.45	14.30	13.70	12.25	13.00	14.60	15.05	12.75	14.55	14.20	13.35	14.30	15.40	13.90	14.75	14.10	13.95	15.00	15.00	14.15	13.00	13.00	11.00	10.40	
11.0		9.95	11.45	9.80	10.40	12.25	12.25	10.20	11.00	12.50	12.95	10.75	12.45	13.10	11.30	12.15	13.30	11.85	12.65	13.00	11.90	12.90	13.25	12.05	13.00	12.30	11.00	10.40	9.00
12.0		8.30	9.80	8.20	8.75	10.60	10.60	8.60	9.35	10.80	11.25	9.10	10.75	11.45	9.65	10.55	11.65	10.20	11.00	11.55	10.25	11.25	11.60	10.40	11.40	10.65	11.00	10.40	9.00
14.0				5.80	6.35	8.10	8.10	6.20	6.90	8.35	8.75	6.70	8.30	8.90	7.20	8.05	9.10	7.70	8.45	9.05	7.75	8.70	9.05	7.95	8.85	8.20	8.75	8.45	8.50
16.0				4.10	4.60	6.35	6.35	4.45	5.20	6.55	6.95	4.95	6.55	7.15	5.45	6.25	7.35	5.95	6.70	7.25	6.00	6.90	7.25	6.15	7.05	6.40	6.95	6.70	6.70
18.0								3.15	3.85	5.25	5.60	3.65	5.20	5.80	4.15	4.95	6.00	4.65	5.35	5.90	4.65	5.60	5.90	4.85	5.75	5.05	5.60	5.35	5.35
20.0								2.15	2.85	4.25	4.60	2.65	4.15	4.75	3.15	3.90	4.95	3.65	4.35	4.90	3.65	4.55	4.85	3.80	4.70	4.05	4.55	4.30	4.30
22.0												1.85	3.35	3.90	2.35	3.10	4.10	2.80	3.50	4.05	2.85	3.70	4.05	3.00	3.85	3.20	3.70	3.50	3.50
24.0															1.65	2.45	3.40	2.15	2.85	3.35	2.20	3.05	3.35	2.35	3.20	2.55	3.05	2.80	2.85
26.0															1.10	1.90	2.85	1.60	2.25	2.80	1.60	2.50	2.80	1.80	2.60	2.00	2.50	2.25	2.30
28.0																		1.15	1.80	2.30	1.15	2.00	2.30	1.30	2.15	1.55	2.00	1.80	1.80
30.0																			1.40	1.90		1.60	1.90	0.90	1.70	1.10	1.60	1.40	1.40
32.0																					1.25	1.55		1.40		1.25	1.05	1.05	
34.0																						1.00	1.25		1.10		0.95		
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	36	-	40	31	42	48
Telescoping conditions (%)																													
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	46	46	46	92	46	92	92	92	100
4th boom	0	0	0	0	0	0	0	46	46	46	0	46	46	46	46	46	46	46	46	92	46	46	92	46	92	92	92	92	100
5th boom	0	0	0	0	0	46	0	0	46	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	4	3	3	3	3	2	2	2

(Unit: Metric ton)



**Specification C4**

Outriggers intermediately extended (4.2m) over side, with 15.3ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8	
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom			
2.5	55.00																													
3.0	55.00																													
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																							
4.0	52.00	51.65	35.00	51.40	50.00	35.00	25.40	46.00	46.00	35.00	28.00																			
4.5	41.30	40.95	33.30	40.80	41.60	35.00	23.70	40.85	42.15	35.00	26.30	39.10	35.00	25.30																
5.0	33.95	33.65	31.50	33.45	34.25	35.00	22.20	34.00	35.00	35.00	24.80	33.75	35.00	23.60																
6.0	24.50	24.20	26.05	24.05	24.75	27.00	19.80	24.55	25.45	27.30	22.30	25.15	27.25	20.90	25.75	26.90	22.50													
7.0	18.65	18.40	20.15	18.30	18.95	21.00	17.80	18.75	19.55	21.30	20.20	19.30	21.25	18.70	19.90	20.95	20.30	20.60	21.00	18.00										
8.0	14.70	14.50	16.10	14.35	15.00	16.95	16.20	14.80	15.60	17.20	17.70	15.35	17.20	16.90	15.95	16.90	18.10	16.55	17.40	17.00	16.55	16.30	15.00	16.00	13.00					
9.0	11.85	11.70	13.25	11.55	12.15	14.00	14.05	11.95	12.70	14.30	14.75	12.45	14.25	14.90	13.05	13.95	15.10	13.60	14.45	15.10	13.65	14.70	15.00	13.85	13.00	13.00	11.00			
10.0		9.55	11.05	9.40	9.95	11.80	11.80	9.75	10.55	12.10	12.50	10.30	12.00	12.65	10.85	11.75	12.80	11.45	12.20	12.80	11.45	12.45	12.80	11.60	12.65	11.85	11.00	10.40		
11.0		7.85	9.30	7.70	8.25	10.05	10.05	8.10	8.85	10.35	10.75	8.60	10.25	10.85	9.15	10.00	11.05	9.70	10.50	11.00	9.70	10.70	11.05	9.90	10.85	10.15	10.70	10.40	9.00	
12.0		6.45	7.95	6.40	6.90	8.65	8.65	6.75	7.50	8.95	9.30	7.25	8.85	9.45	7.80	8.60	9.60	8.30	9.05	9.60	8.35	9.30	9.65	8.50	9.45	8.75	9.30	9.00	9.00	
14.0				4.35	4.90	6.55	6.55	4.70	5.40	6.85	7.20	5.20	6.75	7.35	5.70	6.50	7.50	6.25	6.95	7.45	6.25	7.20	7.50	6.40	7.30	6.65	7.15	6.90	6.95	
16.0				2.85	3.40	5.05	5.05	3.25	3.90	5.30	5.70	3.70	5.25	5.85	4.20	5.00	5.95	4.70	5.45	5.95	4.75	5.65	5.95	4.90	5.80	5.15	5.65	5.40	5.40	
18.0								2.10	2.80	4.15	4.55	2.60	4.15	4.70	3.10	3.90	4.85	3.60	4.30	4.80	3.60	4.50	4.80	3.75	4.65	4.00	4.50	4.25	4.30	
20.0								1.25	1.90	3.25	3.65	1.75	3.25	3.80	2.20	3.00	3.95	2.70	3.40	3.95	2.70	3.60	3.90	2.90	3.75	3.10	3.60	3.35	3.40	
22.0												0.90	2.50	3.05	1.50	2.25	3.25	2.00	2.70	3.20	2.00	2.90	3.20	2.20	3.05	2.40	2.90	2.65	2.70	
24.0															0.80	1.70	2.65	1.40	2.10	2.60	1.45	2.30	2.60	1.55	2.45	1.80	2.30	2.10	2.10	
26.0																1.20	2.15	0.80	1.60	2.10	0.85	1.80	2.10	1.10	1.95	1.30	1.80	1.60	1.60	
28.0																				1.20	1.70		1.40	1.65		1.50		1.40	1.15	1.20
30.0																					1.35		1.00	1.35		1.15		1.05		
32.0																							1.00							
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	16.55	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00	
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	31	-	-	40	22	-	46	31	50	40	51	56	
Telescoping conditions (%)																														
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	100
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	46	92	92	92	92	92	100
5th boom	0	0	0	0	0	46	0	0	46	46	46	0	46	92	46	46	92	46	46	92	46	92	46	92	46	92	92	92	92	100
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	46	92	100
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	4	3	3	3	3	2	2	2	

(Unit: Metric ton)

S  
A  
B  
C  
D  
E  
F  
With SL jib  
Without SL jib

Specification D1

Outriggers fully extended (7.2m) 360° full range, with 7.4ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8			
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom				
2.5	55.00																															
3.0	55.00																															
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																									
4.0	54.55	54.40	35.00	54.25	50.00	35.00	25.40	46.00	46.00	35.00	28.00																					
4.5	47.75	47.60	33.30	47.45	47.95	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																		
5.0	42.30	42.15	31.50	42.00	42.50	35.00	22.20	42.30	42.95	35.00	24.80	40.40	35.00	23.60																		
6.0	34.20	34.00	28.60	33.85	34.40	32.30	19.80	34.15	34.80	35.00	22.30	34.65	35.00	20.90	31.50	30.00	22.50															
7.0	28.45	28.25	26.20	28.05	28.60	29.80	17.80	28.40	29.00	30.45	20.20	28.85	30.30	18.70	29.35	30.00	20.30	25.00	21.00	18.00												
8.0	22.75	22.50	24.20	22.30	23.10	25.55	16.20	22.85	23.85	25.90	18.50	23.55	25.85	16.90	24.30	25.45	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00							
9.0	17.90	17.65	19.55	17.55	18.25	20.55	14.80	18.00	18.95	20.85	17.10	18.65	20.80	15.40	19.35	20.45	16.80	20.10	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00					
10.0		14.25	16.05	14.10	14.80	16.95	13.70	14.60	15.45	17.25	15.90	15.20	17.20	14.20	15.85	16.90	15.40	16.55	17.45	14.10	16.55	16.30	15.00	16.00	13.00	13.00	11.00	10.40				
11.0		11.70	13.40	11.60	12.25	14.30	12.70	12.00	12.85	14.60	14.80	12.60	14.55	13.10	13.20	14.25	14.20	13.85	14.75	13.00	13.90	15.00	14.10	14.10	13.00	13.00	11.00	10.40			9.00	
12.0		9.70	11.35	9.60	10.25	12.20	11.80	10.05	10.85	12.50	12.95	10.60	12.45	12.20	11.20	12.15	13.10	11.85	12.65	12.00	11.85	12.95	13.10	12.05	13.00	12.30	11.00	10.40			9.00	
14.0				6.75	7.35	9.25	9.25	7.15	7.90	9.50	9.90	7.65	9.45	10.10	8.25	9.15	10.30	8.85	9.60	10.25	8.85	9.90	10.25	9.00	10.05	9.30	9.90	9.65			9.00	
16.0				4.70	5.30	7.15	7.15	5.15	5.90	7.40	7.80	5.65	7.35	8.00	6.20	7.10	8.20	6.80	7.55	8.15	6.80	7.80	8.10	6.95	7.95	7.25	7.80	7.50			7.55	
18.0								3.65	4.40	5.90	6.30	4.20	5.80	6.45	4.75	5.60	6.65	5.25	6.05	6.60	5.30	6.25	6.60	5.45	6.40	5.70	6.25	6.00			6.00	
20.0								2.55	3.25	4.75	5.15	3.05	4.65	5.25	3.55	4.40	5.50	4.10	4.85	5.40	4.10	5.05	5.40	4.30	5.20	4.50	5.05	4.85			4.85	
22.0												2.15	3.75	4.35	2.70	3.50	4.55	3.20	3.95	4.50	3.25	4.15	4.50	3.35	4.30	3.65	4.15	3.90			3.95	
24.0															1.95	2.80	3.80	2.50	3.20	3.75	2.50	3.45	3.75	2.65	3.55	2.90	3.40	3.15			3.20	
26.0															1.40	2.15	3.20	1.85	2.60	3.10	1.90	2.80	3.10	2.05	2.95	2.30	2.80	2.55			2.55	
28.0																		1.40	2.05	2.60	1.40	2.25	2.55	1.55	2.40	1.75	2.30	2.05			2.05	
30.0																		0.95	1.60	2.15	0.95	1.85	2.15	1.10	1.95	1.30	1.85	1.60			1.65	
32.0																						1.45	1.75		1.60	0.95	1.45	1.25			1.25	
34.0																							1.15	1.45		1.25		1.10	0.90			0.90
36.0																									0.95		0.85					
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40			9.00	
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	-	35	-	36	25	38	44
Telescoping conditions (%)																																
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100			100
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92			100
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92			100	
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	46	92	46	92	92	92	92			100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	92	46	92			100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	3	3	3	3	3	2	2		2	

(Unit: Metric ton)



**Specification D2**

Outriggers intermediately extended (6.0m) over side,  
with 7.4ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8	
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom					
2.5	55.00																													
3.0	55.00																													
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																							
4.0	54.55	54.40	35.00	54.25	50.00	35.00	25.40	46.00	46.00	35.00	28.00																			
4.5	47.75	47.60	33.30	47.45	47.95	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																
5.0	42.30	42.15	31.50	42.00	42.50	35.00	22.20	42.30	42.95	35.00	24.80	40.40	35.00	23.60																
6.0	30.00	29.65	28.60	29.50	30.35	32.30	19.80	30.05	31.15	33.50	22.30	30.80	33.40	20.90	31.25	30.00	22.50													
7.0	21.90	21.65	23.60	21.45	22.25	24.65	17.80	21.95	22.95	25.00	20.20	22.65	24.95	18.70	23.40	24.60	20.30	24.15	21.00	18.00										
8.0	16.80	16.55	18.40	16.40	17.10	19.35	16.20	16.90	17.80	19.65	18.50	17.50	19.60	16.90	18.20	19.25	18.40	18.90	19.85	17.00	18.90	16.30	15.00	16.00	13.00					
9.0	13.25	13.05	14.80	12.95	13.60	15.70	14.80	13.35	14.20	16.00	16.50	13.95	15.95	15.40	14.60	15.65	16.80	15.25	16.15	15.40	15.30	16.30	15.00	15.45	13.00	13.00	11.00			
10.0		10.50	12.20	10.35	11.00	13.00	13.05	10.80	11.60	13.30	13.80	11.35	13.25	14.00	11.95	12.95	14.20	12.60	13.45	14.10	12.60	13.70	14.10	12.80	13.00	13.00	11.00	10.40		
11.0		8.55	10.15	8.45	9.05	10.95	11.00	8.85	9.65	11.25	11.70	9.35	11.20	11.90	9.95	10.90	12.15	10.60	11.40	12.05	10.60	11.65	12.05	10.80	11.85	11.05	11.00	10.40	9.00	
12.0		7.00	8.55	6.90	7.45	9.40	9.40	7.30	8.10	9.65	10.05	7.85	9.60	10.25	8.40	9.30	10.45	8.95	9.80	10.45	9.00	10.05	10.40	9.20	10.20	9.45	10.05	9.80	9.00	
14.0				4.65	5.20	7.00	7.00	5.00	5.75	7.25	7.70	5.55	7.20	7.85	6.10	6.95	8.05	6.60	7.40	8.00	6.65	7.65	8.00	6.80	7.80	7.10	7.65	7.40	7.45	
16.0				3.00	3.55	5.35	5.35	3.40	4.15	5.60	6.00	3.95	5.55	6.15	4.45	5.30	6.35	5.00	5.70	6.30	5.00	5.95	6.25	5.15	6.10	5.40	6.00	5.70	5.75	
18.0								2.25	2.95	4.35	4.75	2.70	4.30	4.90	3.20	4.05	5.10	3.75	4.50	5.05	3.75	4.70	5.05	3.95	4.85	4.15	4.70	4.45	4.45	
20.0								1.30	2.00	3.40	3.80	1.80	3.35	3.95	2.30	3.10	4.15	2.80	3.55	4.10	2.85	3.75	4.05	3.00	3.90	3.20	3.75	3.50	3.55	
22.0												1.05	2.60	3.20	1.55	2.35	3.40	2.05	2.80	3.30	2.10	3.00	3.30	2.25	3.10	2.50	3.00	2.75	2.80	
24.0															1.00	1.75	2.75	1.45	2.15	2.70	1.45	2.40	2.70	1.65	2.50	1.85	2.35	2.10	2.15	
26.0																1.25	2.25	0.95	1.65	2.20	1.00	1.85	2.20	1.10	2.00	1.35	1.85	1.60	1.65	
28.0																					1.20	1.75		1.45	1.75	1.55	0.95	1.45	1.20	1.25
30.0																					0.85	1.40		1.05	1.35	1.15	1.05	0.80		
32.0																							1.05		0.85					
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00	
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	29	-	-	38	18	-	45	28	49	39	50	55	
Telescoping conditions (%)																														
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	46	46	0	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100	
5th boom	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	46	92	46	46	92	46	92	92	92	92	92	92	92	100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2	

(Unit: Metric ton)

S  
A  
B  
C  
D  
E  
F  
With SL jib  
Without SL jib

Specification D3

Outriggers intermediately extended (5.0m) over side, with 7.4ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8		
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom					22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom		
2.5	55.00																														
3.0	55.00																														
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																								
4.0	52.35	51.90	35.00	51.20	50.00	35.00	25.40	46.00	46.00	35.00	28.00																				
4.5	40.05	39.65	33.30	39.40	40.40	35.00	23.70	39.00	40.45	35.00	26.30	37.25	35.00	25.30																	
5.0	32.00	31.65	31.50	31.45	32.30	35.00	22.20	32.05	33.20	35.00	24.80	31.60	34.65	23.60																	
6.0	22.20	21.90	23.90	21.75	22.50	24.95	19.80	22.25	23.25	25.30	22.30	22.95	25.25	20.90	23.45	24.85	22.50														
7.0	16.45	16.20	18.05	16.00	16.70	18.90	17.80	16.50	17.40	19.30	19.80	17.10	19.20	18.70	17.80	18.90	20.30	18.45	19.45	18.00											
8.0	12.65	12.40	14.15	12.30	12.95	15.00	15.05	12.70	13.55	15.30	15.80	13.30	15.25	16.00	13.90	14.95	16.25	14.55	15.45	16.15	14.60	15.75	15.00	14.80	13.00						
9.0	9.95	9.75	11.35	9.60	10.25	12.20	12.25	10.00	10.85	12.50	12.95	10.55	12.45	13.15	11.15	12.10	13.40	11.80	12.65	13.30	11.80	12.90	13.25	12.00	13.00	12.20	11.00				
10.0		7.75	9.30	7.60	8.20	10.15	10.15	8.00	8.80	10.40	10.80	8.55	10.30	11.00	9.15	10.05	11.25	9.75	10.55	11.15	9.75	10.80	11.20	9.95	11.00	10.20	10.80	10.40			
11.0		6.20	7.70	6.10	6.65	8.50	8.55	6.50	7.20	8.75	9.20	7.00	8.75	9.40	7.55	8.45	9.60	8.10	8.90	9.55	8.15	9.15	9.50	8.30	9.30	8.60	9.20	8.90	8.95		
12.0		4.95	6.45	4.85	5.45	7.20	7.25	5.25	5.95	7.50	7.90	5.75	7.45	8.10	6.30	7.15	8.30	6.85	7.65	8.25	6.85	7.85	8.20	7.05	8.05	7.30	7.85	7.60	7.60		
14.0				3.00	3.60	5.30	5.30	3.40	4.10	5.55	5.95	3.90	5.50	6.15	4.40	5.25	6.30	4.95	5.70	6.25	4.95	5.95	6.25	5.15	6.10	5.40	5.90	5.65	5.70		
16.0				1.70	2.25	3.90	3.95	2.10	2.75	4.20	4.60	2.55	4.15	4.70	3.05	3.90	4.95	3.60	4.35	4.85	3.65	4.55	4.85	3.75	4.70	4.00	4.55	4.30	4.35		
18.0								1.10	1.80	3.15	3.55	1.55	3.10	3.70	2.10	2.90	3.85	2.60	3.30	3.80	2.60	3.50	3.80	2.75	3.65	3.00	3.55	3.25	3.30		
20.0									1.00	2.35	2.75		2.35	2.90	1.30	2.10	3.05	1.80	2.50	3.00	1.80	2.70	3.00	1.95	2.85	2.20	2.75	2.45	2.45		
22.0													1.70	2.25		1.45	2.40	1.20	1.85	2.35	1.20	2.10	2.35	1.30	2.20	1.55	2.10	1.80	1.85		
24.0																0.95	1.90		1.35	1.85		1.55	1.85		1.65		1.55	1.30	1.35		
26.0																	1.45		0.90	1.40		1.10	1.40		1.25		1.10				
28.0																				1.05			1.05		0.85						
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	14.60	15.75	15.00	14.80	13.00	12.20	11.00	10.40	8.95		
Min. boom angle (°)	-	-	-	-	-	-	-	25	-	-	-	37	-	-	38	24	-	41	29	-	50	35	28	54	41	57	50	58	62		
Telescoping conditions (%)																															
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100		
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100		
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100		
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100		
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	46	92	46	92	100		
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2		

(Unit: Metric ton)



**Specification D4**

Outriggers intermediately extended (4.2m) over side, with 7.4ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8		
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom		29.5m Boom		33.2m Boom		36.9m Boom		40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom							
2.5	55.00																														
3.0	55.00																														
3.5	50.80	50.35	35.00	46.85	48.10	35.00	27.30																								
4.0	37.95	37.55	35.00	37.30	38.25	35.00	25.40	35.15	36.55	35.00	28.00																				
4.5	29.85	29.50	31.75	29.30	30.15	32.85	23.70	29.25	30.55	33.30	26.30	28.20	31.10	25.30																	
5.0	24.25	23.95	26.05	23.75	24.55	27.05	22.20	24.30	25.30	27.45	24.80	24.10	26.90	23.60																	
6.0	17.15	16.85	18.70	16.70	17.35	19.65	19.65	17.15	18.10	19.95	20.50	17.80	19.90	20.70	18.20	19.55	20.95														
7.0	12.75	12.50	14.20	12.30	12.95	15.05	15.10	12.75	13.60	15.35	15.85	13.35	15.30	16.05	14.00	14.95	16.25	14.60	15.55	16.20											
8.0	9.70	9.50	11.15	9.40	10.00	11.95	12.00	9.80	10.60	12.25	12.70	10.30	12.20	12.90	10.90	11.90	13.15	11.55	12.35	13.05	11.60	12.65	13.05	11.70	12.75						
9.0	7.55	7.40	8.90	7.20	7.80	9.70	9.70	7.65	8.40	10.00	10.40	8.15	9.90	10.60	8.75	9.65	10.80	9.35	10.15	10.75	9.35	10.40	10.75	9.55	10.55	9.60	10.40				
10.0		5.75	7.25	5.60	6.20	8.05	8.05	6.00	6.80	8.25	8.70	6.55	8.25	8.85	7.10	8.00	9.10	7.65	8.45	9.05	7.65	8.70	9.00	7.85	8.85	8.10	8.70	8.40			
11.0		4.50	5.95	4.35	4.90	6.70	6.75	4.75	5.50	6.95	7.35	5.25	6.90	7.55	5.80	6.65	7.75	6.30	7.10	7.70	6.35	7.35	7.65	6.55	7.50	6.75	7.35	7.10	7.10		
12.0		3.45	4.90	3.30	3.90	5.65	5.65	3.70	4.45	5.90	6.30	4.20	5.85	6.45	4.75	5.60	6.70	5.25	6.00	6.60	5.30	6.25	6.60	5.45	6.40	5.70	6.30	6.00	6.05		
14.0				1.80	2.30	4.05	4.05	2.20	2.90	4.25	4.65	2.65	4.20	4.80	3.15	3.95	5.05	3.65	4.40	4.95	3.70	4.60	4.95	3.85	4.75	4.10	4.65	4.35	4.40		
16.0					1.20	2.90	2.90	1.00	1.75	3.10	3.50	1.55	3.05	3.65	2.00	2.80	3.85	2.50	3.25	3.80	2.55	3.45	3.75	2.70	3.60	2.95	3.45	3.20	3.25		
18.0												2.25	2.60		2.20	2.75	1.15	1.95	2.95	1.70	2.35	2.90	1.70	2.60	2.90	1.85	2.70	2.05	2.60	2.35	2.40
20.0												1.60	1.95		1.50	2.05		1.30	2.30		1.65	2.20		1.90	2.20		2.05		1.90	1.65	1.70
22.0														1.00	1.50				1.70		1.15	1.65		1.35	1.65		1.50		1.35		
24.0																			1.25			1.20		0.90	1.20		1.05				
26.0																				0.90			0.80								
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.20	19.55	17.80	14.60	15.55	16.20	11.60	12.65	13.05	11.70	12.75	9.60	10.40	8.40	7.10		
Min. boom angle (°)	—	—	—	23	—	—	—	38	28	—	—	46	—	—	49	37	—	51	40	31	58	45	40	61	51	63	58	64	67		
Telescoping conditions (%)																															
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100		
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100		
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100		
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100		
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100		
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2		

(Unit: Metric ton)

S  
A  
B  
C  
D  
E  
F  
Without SL jib  
With SL jib



Specification E1

Outriggers fully extended (7.2m) 360° full range, without counterweight

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom		29.5m Boom			33.2m Boom		36.9m Boom		40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom				
2.5	55.00																												
3.0	55.00																												
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																						
4.0	50.25	50.05	35.00	49.90	50.00	35.00	25.40	46.00	46.00	35.00	28.00																		
4.5	43.90	43.70	33.30	43.55	44.10	35.00	23.70	43.90	44.55	35.00	26.30	41.00	35.00	25.30															
5.0	38.85	38.65	31.50	38.50	39.05	35.00	22.20	38.80	39.50	35.00	24.80	39.30	35.00	23.60															
6.0	30.55	30.15	28.60	29.95	30.90	32.30	19.80	30.60	31.90	33.40	22.30	31.55	33.25	20.90	31.10	30.00	22.50												
7.0	21.25	20.95	23.20	20.75	21.60	24.35	17.80	21.30	22.45	24.75	20.20	22.10	24.65	18.70	22.90	24.25	20.30	23.80	21.00	18.00									
8.0	15.75	15.45	17.50	15.30	16.05	18.55	16.20	15.85	16.85	18.90	18.50	16.50	18.80	16.90	17.25	18.45	18.40	18.05	19.10	17.00	18.10	16.30	15.00	16.00	13.00				
9.0	12.05	11.85	13.70	11.70	12.40	14.70	14.75	12.20	13.15	15.05	15.60	12.85	14.95	15.40	13.55	14.65	16.05	14.20	15.20	15.40	14.30	15.55	15.00	14.50	13.00	13.00	11.00		
10.0		9.25	11.05	9.15	9.80	11.95	12.00	9.60	10.50	12.30	12.80	10.20	12.25	13.00	10.85	11.90	13.25	11.55	12.45	13.15	11.55	12.75	13.15	11.75	12.95	12.05	11.00	10.40	
11.0		7.35	9.05	7.20	7.85	9.95	9.95	7.65	8.50	10.25	10.70	8.25	10.15	10.95	8.85	9.90	11.15	9.50	10.40	11.10	9.50	10.70	11.10	9.75	10.85	10.00	10.65	10.40	9.00
12.0		5.85	7.50	5.70	6.35	8.35	8.40	6.15	7.00	8.60	9.10	6.70	8.60	9.30	7.35	8.25	9.55	7.95	8.80	9.45	7.95	9.05	9.40	8.15	9.25	8.45	9.05	8.75	8.80
14.0				3.55	4.15	6.05	6.05	4.00	4.80	6.35	6.80	4.55	6.30	6.95	5.10	6.00	7.15	5.65	6.50	7.10	5.70	6.75	7.10	5.90	6.90	6.15	6.70	6.45	6.45
16.0				2.05	2.65	4.50	4.50	2.45	3.25	4.70	5.15	3.00	4.70	5.35	3.55	4.40	5.55	4.10	4.90	5.50	4.15	5.10	5.45	4.30	5.25	4.55	5.10	4.85	4.90
18.0								1.35	2.10	3.60	4.00	1.90	3.50	4.15	2.40	3.25	4.35	2.95	3.70	4.25	2.95	3.95	4.25	3.15	4.10	3.35	3.95	3.65	3.75
20.0									1.25	2.70	3.05	1.05	2.65	3.25	1.55	2.35	3.45	2.05	2.80	3.40	2.10	3.05	3.35	2.25	3.20	2.50	3.05	2.80	2.80
22.0													1.95	2.55	0.85	1.70	2.75	1.40	2.15	2.70	1.40	2.35	2.65	1.60	2.50	1.80	2.35	2.05	2.10
24.0																1.15	2.15	0.80	1.55	2.10	0.85	1.80	2.05	1.00	1.90	1.25	1.80	1.55	1.55
26.0																	1.65		1.10	1.60		1.30	1.60		1.40		1.30	1.05	
28.0																				1.25		0.90	1.20		1.05		0.90		
30.0																					0.85			0.85					
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00
Min. boom angle (°)	-	-	-	-	-	-	-	19	-	-	-	31	-	-	34	-	-	38	31	-	47	30	21	52	40	55	46	56	60
Telescoping conditions (%)																													
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	46	92	46	92	46	92	92	100
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	4	3	3	3	3	2	2	2

(Unit: Metric ton)



**Specification E2**

Outriggers intermediately extended (6.0m) over side, without counterweight

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8			
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom		29.5m Boom			33.2m Boom		36.9m Boom		40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom									
2.5	55.00																															
3.0	55.00																															
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																									
4.0	50.25	50.05	35.00	49.90	50.00	35.00	25.40	46.00	46.00	35.00	28.00																					
4.5	41.50	41.05	33.30	40.80	41.95	35.00	23.70	39.25	40.95	35.00	26.30	37.15	35.00	25.30																		
5.0	31.75	31.40	31.50	31.15	32.15	35.00	22.20	31.80	33.20	35.00	24.80	30.70	34.20	23.60																		
6.0	20.85	20.45	22.75	20.30	21.10	23.90	19.80	20.85	22.00	24.30	22.30	21.60	24.20	20.90	21.95	23.70	22.50															
7.0	14.80	14.50	16.55	14.35	15.10	17.55	17.60	14.85	15.85	17.90	18.50	15.55	17.80	18.70	16.30	17.45	19.00	17.05	18.10	18.00												
8.0	11.00	10.75	12.60	10.60	11.30	13.55	13.55	11.10	12.00	13.85	14.40	11.70	13.80	14.60	12.40	13.45	14.85	13.10	14.05	14.80	13.10	14.35	14.80	13.35	13.00							
9.0	8.35	8.15	9.90	8.00	8.65	10.80	10.80	8.50	9.35	11.10	11.60	9.05	11.00	11.80	9.70	10.70	12.00	10.35	11.25	11.95	10.35	11.55	11.95	10.60	11.75	10.75	11.00					
10.0		6.30	7.95	6.10	6.75	8.80	8.80	6.55	7.40	9.05	9.55	7.15	9.00	9.75	7.75	8.70	9.95	8.35	9.25	9.90	8.40	9.50	9.90	8.60	9.70	8.85	9.50	9.20				
11.0		4.80	6.40	4.70	5.30	7.20	7.30	5.10	5.90	7.50	8.00	5.65	7.45	8.15	6.25	7.15	8.35	6.85	7.65	8.30	6.85	7.90	8.30	7.05	8.10	7.30	7.90	7.65	7.70			
12.0		3.70	5.25	3.55	4.15	6.05	6.05	3.95	4.75	6.30	6.70	4.45	6.25	6.90	5.05	5.95	7.15	5.65	6.45	7.05	5.70	6.70	7.05	5.85	6.85	6.10	6.70	6.40	6.45			
14.0				1.85	2.45	4.20	4.25	2.25	3.00	4.50	4.95	2.75	4.45	5.10	3.30	4.20	5.30	3.85	4.65	5.25	3.90	4.90	5.25	4.10	5.05	4.35	4.90	4.60	4.65			
16.0					1.20	3.00	3.00	1.05	1.80	3.25	3.65	1.55	3.20	3.80	2.10	2.95	4.00	2.65	3.35	3.95	2.65	3.60	3.95	2.80	3.80	3.05	3.65	3.35	3.40			
18.0									0.90	2.35	2.70		2.25	2.85	1.20	2.00	3.05	1.70	2.45	3.00	1.75	2.65	3.00	1.90	2.80	2.15	2.70	2.45	2.45			
20.0										1.60	2.00		1.55	2.10		1.30	2.35	1.00	1.70	2.25		1.95	2.25		2.05		1.95	1.70	1.70			
22.0													0.95	1.55			1.75		1.15	1.70		1.40	1.70		1.50		1.40					
24.0																1.30			1.25		0.90	1.20		1.00								
26.0																	0.90			0.80			0.85									
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	17.05	18.10	17.30	13.10	14.35	14.80	13.35	13.00	10.75	11.00	9.20	7.70			
Min. boom angle (°)	-	-	-	-	-	-	-	36	26	-	-	45	-	-	48	41	-	51	39	28	57	44	38	61	50	63	57	64	67			
Telescoping conditions (%)																																
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	46	92	100	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	92	100	
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	92	100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	92	46	92	92	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2	2		

(Unit: Metric ton)

S  
A  
B  
C  
D  
E  
F  
Without SL jib  
With SL jib

Specification E3

Outriggers intermediately extended (5.0m) over side, without counterweight

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom		29.5m Boom			33.2m Boom			36.9m Boom		40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom			
2.5	55.00																												
3.0	55.00																												
3.5	52.40	51.90	35.00	46.15	47.70	35.00	27.30																						
4.0	36.70	36.25	35.00	35.45	36.80	35.00	25.40	32.95	34.55	35.00	28.00																		
4.5	27.70	27.35	29.90	27.10	28.05	31.20	23.70	26.70	28.15	31.25	26.30	25.65	28.95	25.30															
5.0	21.85	21.50	23.80	21.30	22.15	25.00	22.20	21.90	23.05	25.40	24.80	21.50	24.55	23.60															
6.0	14.70	14.40	16.40	14.25	15.00	17.40	17.45	14.70	15.75	17.75	18.35	15.40	17.70	18.60	15.75	17.30	18.85												
7.0	10.50	10.20	12.05	10.05	10.75	12.95	13.00	10.55	11.45	13.30	13.80	11.15	13.20	14.05	11.80	12.90	14.30	12.40	13.45	14.25									
8.0	7.70	7.45	9.20	7.35	8.00	10.05	10.10	7.75	8.60	10.35	10.85	8.35	10.30	11.05	8.95	10.00	11.30	9.65	10.50	11.25	9.60	10.80	11.20	9.70	10.85				
9.0	5.70	5.50	7.15	5.40	6.00	7.95	8.00	5.80	6.60	8.25	8.70	6.35	8.20	8.90	6.95	7.90	9.15	7.60	8.40	9.10	7.60	8.70	9.05	7.75	8.85	7.80	8.65		
10.0		4.05	5.65	3.90	4.50	6.40	6.45	4.35	5.10	6.70	7.15	4.85	6.65	7.35	5.45	6.35	7.55	6.05	6.85	7.50	6.05	7.10	7.50	6.25	7.25	6.45	7.10	6.85	
11.0		2.95	4.45	2.80	3.40	5.25	5.25	3.20	4.00	5.50	5.90	3.75	5.45	6.10	4.30	5.20	6.30	4.85	5.65	6.25	4.85	5.90	6.25	5.05	6.05	5.30	5.90	5.65	5.65
12.0		2.00	3.50	1.90	2.45	4.30	4.30	2.30	3.05	4.55	4.95	2.80	4.50	5.15	3.35	4.20	5.35	3.90	4.65	5.30	3.95	4.90	5.25	4.10	5.05	4.35	4.90	4.65	4.70
14.0					1.15	2.85	2.90		1.65	3.10	3.50		3.05	3.70	1.95	2.80	3.90	2.50	3.25	3.85	2.55	3.50	3.80	2.70	3.65	2.95	3.45	3.25	3.25
16.0						1.85	1.90			2.10	2.50		2.05	2.65		1.80	2.85	1.50	2.25	2.80		2.45	2.75		2.60		2.45	2.20	
18.0										1.35	1.70		1.25	1.90		1.05	2.05		1.50	2.00		1.70	2.00		1.85		1.70		
20.0											1.15			1.25			1.45			1.40		1.05	1.40		1.20				
22.0														0.80			1.00			0.95			0.90						
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	15.75	17.30	17.80	12.40	13.45	14.25	9.60	10.80	11.20	9.70	10.85	7.80	8.65	6.85	5.65
Min. boom angle (°)	—	—	—	37	29	—	—	49	41	—	—	56	32	—	58	49	29	59	51	41	64	55	50	67	59	69	64	69	72
Telescoping conditions (%)																													
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2

(Unit: Metric ton)



**Specification E4**

Outriggers intermediately extended (4.2m) over side, without counterweight

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom		29.5m Boom			33.2m Boom		36.9m Boom		40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom				
2.5	55.00																												
3.0	51.85																												
3.5	34.90	34.45	35.00	31.60	32.90	35.00	27.30																						
4.0	25.65	25.25	27.75	24.80	26.00	29.05	25.40	23.35	24.75	27.70	28.00																		
4.5	19.85	19.50	21.70	19.30	20.15	22.85	22.95	19.10	20.40	23.15	23.90	18.60	21.50	22.75															
5.0	15.85	15.50	17.60	15.35	16.10	18.60	18.70	15.90	16.90	19.00	19.60	15.60	18.40	19.60															
6.0	10.70	10.40	12.25	10.25	10.95	13.20	13.25	10.75	11.65	13.55	14.05	11.35	13.45	14.30	11.55	13.00	14.55												
7.0	7.55	7.30	9.00	7.15	7.80	9.85	9.90	7.55	8.40	10.15	10.65	8.15	10.10	10.85	8.80	9.80	11.10	9.15	10.30	11.05									
8.0	5.35	5.15	6.75	5.00	5.65	7.60	7.60	5.45	6.25	7.85	8.35	5.95	7.85	8.50	6.60	7.55	8.75	7.20	8.05	8.70	7.00	8.30	8.65	7.15	8.25				
9.0	3.80	3.60	5.20	3.50	4.10	5.95	6.00	3.90	4.65	6.25	6.70	4.40	6.20	6.85	5.00	5.90	7.10	5.60	6.35	7.05	5.55	6.65	7.00	5.75	6.80	5.65	6.50		
10.0		2.45	4.00	2.35	2.95	4.75	4.75	2.70	3.45	5.00	5.45	3.25	4.95	5.60	3.80	4.65	5.80	4.35	5.15	5.75	4.40	5.40	5.75	4.55	5.55	4.60	5.40	5.05	
11.0		1.55	3.05	2.00	3.75	3.75			2.55	4.05	4.45		4.00	4.60	2.85	3.70	4.80	3.40	4.15	4.75	3.45	4.40	4.75	3.60	4.55	3.70	4.40	4.15	4.10
12.0		0.90	2.25		1.25	3.00	3.00		1.80	3.25	3.65		3.20	3.80	2.10	2.95	4.00	2.60	3.40	3.95	2.65	3.60	3.95	2.80	3.80	2.95	3.60	3.35	3.40
14.0						1.80	1.80			2.10	2.45		2.00	2.60		1.80	2.80		2.20	2.75		2.45	2.75		2.55		2.45		
16.0						0.95	1.00			1.20	1.60		1.20	1.75		1.95		1.35	1.90		1.60	1.90		1.70					
18.0											0.95			1.10		1.30			1.25		1.20								
20.0																0.80													
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	18.60	21.50	17.80	11.55	13.00	14.55	9.15	10.30	11.05	7.00	8.30	8.65	7.15	8.25	5.65	6.50	5.05	4.10
Min. boom angle (°)	—	—	—	49	42	—	—	58	52	27	—	63	44	33	64	57	42	66	59	52	69	62	59	72	65	73	69	74	76
Telescoping conditions (%)																													
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	92	92	92	100
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2

(Unit: Metric ton)

S  
A  
B  
C  
D  
E  
F  
Without SL jib  
With SL jib

Specification E5

Outriggers completely retracted (2.52m) over side, without counterweight

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11
Working radius (m)	11.1m Boom	14.8m Boom		18.5m Boom				22.1m Boom			
2.5	25.20										
3.0	18.85										
3.5	14.30	12.15	14.65	10.20	11.15	14.10	14.15				
4.0	10.90	9.60	11.95	8.00	8.95	11.70	11.80	7.55	8.65	10.90	11.60
4.5	8.45	7.60	9.85	6.30	7.20	9.85	9.90	6.00	7.05	9.25	9.90
5.0	6.65	6.05	8.00	4.95	5.75	8.35	8.45	4.75	5.80	7.90	8.55
6.0	4.15	3.75	5.45		3.65	6.10	6.15		3.85	5.85	6.45
7.0	2.50		3.75			4.40	4.45			4.35	4.95
8.0	1.25		2.55			3.20	3.25			3.25	3.80
9.0			1.60			2.35	2.35			2.35	2.90
10.0			0.85			1.60	1.60			1.65	2.20
11.0							1.00				1.60
Maximum lifting capacity without lock pin	25.20	12.15	14.65	10.20	11.15	14.10	14.15	7.55	8.65	10.90	11.60
Min. boom angle (°)	25	57	37	68	66	49	48	73	70	58	54
Telescoping conditions (%)											
2nd boom	0	46	0	92	46	0	0	92	46	0	0
3rd boom	0	0	0	0	46	0	0	46	46	0	0
4th boom	0	0	0	0	0	0	0	0	46	46	0
5th boom	0	0	0	0	0	46	0	0	0	46	46
6th boom	0	0	46	0	0	46	92	0	0	46	92
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6

(Unit: Metric ton)



**Specification F1**

Outriggers fully extended (7.2m) 360° full range,  
with counterweight stowed in front or rear position on carrier

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11
Working radius (m)	11.1m Boom	14.8m Boom		18.5m Boom				22.1m Boom			
2.5	55.00										
3.0	55.00										
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30				
4.0	50.25	49.90	35.00	49.95	50.00	35.00	25.40	46.00	46.00	35.00	28.00
4.5	43.90	43.60	33.30	43.60	44.15	35.00	23.70	43.95	44.60	35.00	26.30
5.0	38.85	38.55	31.50	38.55	39.10	35.00	22.20	38.90	39.55	35.00	24.80
6.0	31.35	31.05	28.60	31.00	31.50	32.30	19.80	31.30	31.95	33.35	22.30
7.0	23.80	23.35	25.65	23.20	24.05	26.60	17.80	23.70	24.75	26.85	20.20
8.0	18.05	17.60	19.65	17.50	18.25	20.55	16.20	17.95	18.85	20.80	18.50
9.0	14.20	13.80	15.70	13.65	14.35	16.50	14.80	14.10	14.95	16.75	17.10
10.0		11.10	12.85	10.90	11.60	13.60	13.65	11.30	12.15	13.85	14.30
11.0		9.05	10.70	8.85	9.50	11.45	11.45	9.25	10.00	11.65	12.10
12.0		7.45	9.05	7.25	7.85	9.75	9.75	7.60	8.35	9.95	10.40
14.0				4.95	5.50	7.30	7.30	5.25	6.00	7.45	7.90
16.0				3.10	3.80	5.60	5.60	3.50	4.35	5.75	6.15
18.0								2.10	3.00	4.50	4.90
20.0								1.05	1.95	3.60	4.00
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-
Telescoping conditions (%)											
2nd boom	0	46	0	92	46	0	0	92	46	0	0
3rd boom	0	0	0	0	46	0	0	46	46	0	0
4th boom	0	0	0	0	0	0	0	0	46	46	0
5th boom	0	0	0	0	0	46	0	0	0	46	46
6th boom	0	0	46	0	0	46	92	0	0	46	92
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6

(Unit: Metric ton)

**Specification F2**

Outriggers intermediately extended (6.0m) over side,  
with counterweight stowed in front or rear position on carrier

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11
Working radius (m)	11.1m Boom	14.8m Boom		18.5m Boom				22.1m Boom			
2.5	55.00										
3.0	55.00										
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30				
4.0	50.25	49.90	35.00	49.90	50.00	35.00	25.40	46.00	46.00	35.00	28.00
4.5	43.90	43.60	33.30	43.55	44.15	35.00	23.70	43.00	44.60	35.00	26.30
5.0	38.85	38.55	31.50	37.25	38.65	35.00	22.20	35.20	36.75	35.00	24.80
6.0	26.30	25.75	28.35	25.60	26.60	29.45	19.80	25.15	26.50	29.35	22.30
7.0	18.60	18.15	20.35	17.95	18.80	21.30	17.80	18.50	19.50	21.55	20.20
8.0	13.95	13.50	15.50	13.35	14.10	16.35	16.20	13.80	14.70	16.60	17.10
9.0	10.80	10.40	12.25	10.25	10.95	13.00	13.05	10.65	11.50	13.25	13.75
10.0		8.20	9.90	8.00	8.65	10.65	10.70	8.40	9.20	10.85	11.35
11.0		6.50	8.15	6.35	6.95	8.85	8.90	6.70	7.45	9.05	9.50
12.0		5.25	6.75	5.00	5.65	7.45	7.50	5.40	6.15	7.65	8.10
14.0				3.15	3.70	5.45	5.45	3.45	4.15	5.60	6.05
16.0				1.55	2.30	4.05	4.05	1.95	2.80	4.20	4.60
18.0									1.65	3.20	3.55
20.0										2.45	2.80
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30
Min. boom angle (°)	-	-	-	-	-	-	-	29	17	-	-
Telescoping conditions (%)											
2nd boom	0	46	0	92	46	0	0	92	46	0	0
3rd boom	0	0	0	0	46	0	0	46	46	0	0
4th boom	0	0	0	0	0	0	0	0	46	46	0
5th boom	0	0	0	0	0	46	0	0	0	46	46
6th boom	0	0	46	0	0	46	92	0	0	46	92
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6

(Unit: Metric ton)

S

A

B

C

D

E

F

With SL jib

Without SL jib

**Specification F3**

Outriggers intermediately extended (5.0m) over side,  
with counterweight stowed in front or rear position on carrier

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11
Working radius (m)	11.1m Boom	14.8m Boom		18.5m Boom				22.1m Boom			
2.5	55.00										
3.0	55.00										
3.5	55.00	55.00	35.00	50.20	50.00	35.00	27.30				
4.0	47.55	43.25	35.00	38.70	40.20	35.00	25.40	36.15	37.70	35.00	28.00
4.5	34.80	34.20	33.30	31.05	32.35	35.00	23.70	29.35	30.80	33.85	26.30
5.0	27.05	26.50	29.10	25.55	26.75	30.20	22.20	24.45	25.80	28.65	24.80
6.0	18.00	17.55	19.75	17.35	18.20	20.65	19.80	17.70	18.90	20.90	21.50
7.0	12.95	12.55	14.45	12.35	13.10	15.30	15.35	12.85	13.70	15.55	16.05
8.0	9.70	9.35	11.10	9.15	9.85	11.85	11.90	9.60	10.40	12.10	12.55
9.0	7.45	7.10	8.75	6.90	7.55	9.45	9.50	7.30	8.10	9.70	10.15
10.0		5.45	7.05	5.30	5.90	7.70	7.75	5.65	6.40	7.90	8.35
11.0		4.25	5.70	4.00	4.60	6.40	6.40	4.40	5.10	6.55	7.00
12.0		3.25	4.70	3.05	3.60	5.30	5.35	3.40	4.05	5.50	5.90
14.0				1.25	2.00	3.75	3.80	1.70	2.55	3.95	4.30
16.0						2.70	2.70		1.25	2.85	3.20
18.0										2.05	2.40
20.0										1.30	1.80
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30
Min. boom angle (°)	—	—	—	30	23	—	—	44	36	—	—
Telescoping conditions (%)											
2nd boom	0	46	0	92	46	0	0	92	46	0	0
3rd boom	0	0	0	0	46	0	0	46	46	0	0
4th boom	0	0	0	0	0	0	0	0	46	46	0
5th boom	0	0	0	0	0	46	0	0	0	46	46
6th boom	0	0	46	0	0	46	92	0	0	46	92
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6

(Unit: Metric ton)

**Specification F4**

Outriggers intermediately extended (4.2m) over side,  
with counterweight stowed in front or rear position on carrier

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11
Working radius (m)	11.1m Boom	14.8m Boom		18.5m Boom				22.1m Boom			
2.5	55.00										
3.0	55.00										
3.5	44.10	38.95	35.00	34.55	35.85	35.00	27.30				
4.0	31.50	30.40	33.55	27.30	28.45	32.10	25.40	25.65	27.05	30.00	28.00
4.5	24.05	23.60	25.95	22.15	23.25	26.60	23.70	21.10	22.40	25.15	25.95
5.0	19.10	18.70	20.80	18.35	19.25	21.80	21.95	17.60	18.85	21.45	22.20
6.0	13.00	12.60	14.45	12.40	13.10	15.30	15.45	12.75	13.70	15.55	16.10
7.0	9.35	9.00	10.70	8.80	9.45	11.45	11.55	9.15	9.95	11.65	12.15
8.0	6.90	6.60	8.15	6.40	7.00	8.90	9.00	6.75	7.50	9.10	9.55
9.0	5.20	4.90	6.40	4.70	5.25	7.05	7.15	5.05	5.75	7.25	7.70
10.0		3.60	5.05	3.40	3.95	5.70	5.80	3.75	4.45	5.90	6.30
11.0		2.60	4.00	2.35	2.95	4.65	4.70	2.75	3.40	4.80	5.25
12.0		1.60	3.20	1.35	2.05	3.80	3.85		2.60	4.00	4.40
14.0						2.55	2.60			2.70	3.10
16.0						1.60	1.65			1.80	2.20
18.0										0.95	1.45
20.0											0.85
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30
Min. boom angle (°)	—	—	—	44	37	—	—	55	48	21	—
Telescoping conditions (%)											
2nd boom	0	46	0	92	46	0	0	92	46	0	0
3rd boom	0	0	0	0	46	0	0	46	46	0	0
4th boom	0	0	0	0	0	0	0	0	46	46	0
5th boom	0	0	0	0	0	46	0	0	0	46	46
6th boom	0	0	46	0	0	46	92	0	0	46	92
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6

(Unit: Metric ton)



**Specification F5**

Outriggers completely retracted (2.52m) over side,  
with counterweight stowed in front or rear position on carrier

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11
Working radius (m)	11.1m Boom	14.8m Boom		18.5m Boom				22.1m Boom			
2.5	27.30										
3.0	20.55										
3.5	15.70	13.45	15.95	11.40	12.35	15.30	15.35				
4.0	12.00	10.70	13.10	9.10	10.00	12.75	12.85	8.55	9.65	11.90	12.55
4.5	9.40	8.60	10.75	7.25	8.10	10.80	10.85	6.90	7.95	10.15	10.80
5.0	7.50	6.95	8.80	5.80	6.60	9.20	9.25	5.55	6.60	8.70	9.35
6.0	4.90	4.50	6.05	3.55	4.35	6.70	6.75	3.55	4.50	6.55	7.15
7.0	3.20	2.75	4.30		2.75	4.90	4.95		3.00	4.95	5.50
8.0	2.00		3.05			3.65	3.70			3.75	4.20
9.0			2.15			2.70	2.75			2.85	3.25
10.0			1.30			2.00	2.00			2.05	2.50
11.0						1.35	1.40			1.45	1.95
12.0											1.45
Maximum lifting capacity without lock pin	25.50	13.45	15.95	11.40	12.35	15.30	15.35	8.55	9.65	11.90	12.55
Min. boom angle (°)	—	53	32	66	63	44	44	71	68	56	50
Telescoping conditions (%)											
2nd boom	0	46	0	92	46	0	0	92	46	0	0
3rd boom	0	0	0	0	46	0	0	46	46	0	0
4th boom	0	0	0	0	0	0	0	0	46	46	0
5th boom	0	0	0	0	0	46	0	0	0	46	46
6th boom	0	0	46	0	0	46	92	0	0	46	92
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6

(Unit: Metric ton)

S  
A  
B  
C  
D  
E  
F  
Without SL jib  
With SL jib



Specification NS1

Outriggers fully extended (7.2m) 360° full range, with 29.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8			
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom					22.1m Boom					25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom		
2.5	55.00																															
3.0	55.00																															
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																									
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																					
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																		
5.0	55.00	55.00	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																		
6.0	47.40	47.30	28.60	44.30	48.00	32.30	19.80	39.90	46.00	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50															
7.0	41.90	41.10	26.20	39.50	41.70	29.80	17.80	35.40	42.40	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00												
8.0	38.30	36.40	24.20	35.50	36.70	27.70	16.20	31.70	37.30	30.40	18.50	28.70	32.70	16.90	26.60	30.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00							
9.0	26.50	32.60	22.60	32.00	32.70	25.90	14.80	28.70	33.30	28.10	17.10	26.10	30.80	15.40	24.20	30.00	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00					
10.0		29.40	21.20	28.80	29.50	24.40	13.70	26.20	29.80	25.90	15.90	23.90	29.00	14.20	22.10	29.80	15.40	21.00	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40				
11.0		25.80	20.10	24.95	25.60	23.10	12.70	24.00	26.05	24.00	14.80	22.00	27.00	13.10	20.40	27.20	14.20	19.30	19.40	13.00	18.10	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00			
12.0		22.45	19.20	21.60	21.80	21.90	11.80	21.85	22.65	22.40	13.90	20.40	24.00	12.20	18.80	23.75	13.10	17.80	18.30	12.00	16.70	15.60	13.10	16.00	13.00	13.00	11.00	10.40	9.00			
14.0				16.65	17.25	19.15	10.50	16.90	17.70	19.25	12.40	17.30	19.05	10.60	16.30	18.70	11.40	15.50	16.50	10.40	14.40	13.80	11.50	13.80	12.30	13.00	11.00	10.40	9.00			
16.0				13.20	13.80	15.60	9.50	13.45	14.20	15.75	11.20	13.85	15.60	9.40	14.30	15.25	10.10	13.60	15.00	9.20	12.60	12.30	10.10	12.10	10.90	11.70	11.00	10.40	9.00			
18.0								11.00	11.75	13.20	10.10	11.35	13.00	8.50	11.80	12.70	9.00	12.10	13.05	8.20	11.20	11.10	9.10	10.70	9.70	10.30	10.50	10.20	9.00			
20.0								8.50	9.00	10.20	9.30	9.45	11.05	7.70	9.90	10.70	8.10	10.40	11.10	7.30	10.00	10.10	8.20	9.50	8.70	9.20	9.50	9.10	8.30			
22.0												7.95	9.55	7.00	8.40	9.20	7.40	8.85	9.60	6.60	8.80	9.20	7.40	8.50	7.80	8.20	8.60	8.20	7.60			
24.0															7.15	8.00	6.80	7.65	8.30	6.00	7.60	8.50	6.80	7.70	7.10	7.40	7.80	7.40	6.90			
26.0															6.15	6.95	6.30	6.60	7.30	5.50	6.55	7.50	6.30	6.70	6.50	6.80	7.20	6.70	6.20			
28.0																		5.70	6.45	5.10	5.70	6.60	5.80	5.80	6.00	6.00	6.55	6.10	5.70			
30.0																		5.00	5.70	4.80	5.00	5.85	5.40	5.10	5.50	5.30	5.80	5.55	5.20			
32.0																					4.35	5.20	5.00	4.50	5.10	4.65	5.20	4.90	4.70			
34.0																					3.80	4.65	4.80	3.95	4.70	4.10	4.60	4.35	4.30			
36.0																								3.45	4.30	3.65	4.15	3.90	3.85			
38.0																								3.00	3.85	3.20	3.70	3.40	3.45			
40.0																										2.80	3.35	3.05	3.05			
42.0																										2.50	3.00	2.70	2.70			
44.0																												2.40	2.40			
46.0																														2.15		
48.0																															1.85	
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00			
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Telescoping conditions (%)																																
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100			
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	100		
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100		
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100		
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	92	46	92	92	92	100		
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2			

(Unit: Metric ton)



**Specification NS2**

Outriggers intermediately extended (6.0m) over side,  
with 29.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8		
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom				
2.5	55.00																														
3.0	55.00																														
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																								
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																				
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																	
5.0	55.00	55.00	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																	
6.0	47.40	47.30	28.60	44.30	48.00	32.30	19.80	39.90	46.00	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50														
7.0	41.90	41.10	26.20	39.50	41.70	29.80	17.80	35.40	42.40	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00											
8.0	35.35	36.40	24.20	34.10	34.80	27.70	16.20	31.70	35.30	30.40	18.50	28.70	32.70	16.90	26.60	30.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00						
9.0	28.50	29.65	22.60	28.00	28.65	25.90	14.80	28.25	29.10	28.10	17.10	26.10	30.65	15.40	24.20	30.00	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00				
10.0		24.85	21.20	23.50	24.15	24.40	13.70	23.75	24.60	25.90	15.90	23.90	26.05	14.20	22.10	25.65	15.40	21.00	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40			
11.0		21.20	20.10	20.10	20.70	22.65	12.70	20.35	21.10	22.75	14.80	20.75	22.55	13.10	20.40	22.20	14.20	19.30	19.40	13.00	18.10	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00		
12.0		18.40	19.20	17.35	18.00	19.90	11.80	17.60	18.40	19.95	13.90	18.05	19.80	12.20	18.50	19.45	13.10	17.80	18.30	12.00	16.70	15.60	13.10	16.00	13.00	13.00	11.00	10.40	9.00		
14.0				13.45	14.00	15.80	10.50	13.65	14.40	15.90	12.40	14.05	15.75	10.60	14.50	15.40	11.40	15.00	15.75	10.40	14.40	13.80	11.50	13.80	12.30	13.00	11.00	10.40	9.00		
16.0				10.60	11.15	12.95	9.50	10.85	11.60	13.05	11.20	11.25	12.85	9.40	11.70	12.50	10.10	12.15	12.90	9.20	12.15	12.30	10.10	12.10	10.90	11.70	11.00	10.40	9.00		
18.0								8.80	9.50	10.90	10.10	9.15	10.75	8.50	9.60	10.45	9.00	10.05	10.75	8.20	10.05	10.95	9.10	10.15	9.70	10.30	10.50	10.20	9.00		
20.0								7.15	7.85	9.25	9.30	7.55	9.10	7.70	8.00	8.80	8.10	8.45	9.15	7.30	8.40	9.30	8.20	8.50	8.70	8.75	9.25	9.00	8.30		
22.0												6.30	7.80	7.00	6.70	7.50	7.40	7.15	7.85	6.60	7.10	8.00	7.40	7.20	7.80	7.40	7.95	7.65	7.60		
24.0															5.65	6.45	6.80	6.10	6.80	6.00	6.05	6.95	6.80	6.20	7.10	6.35	6.90	6.65	6.65		
26.0															4.80	5.60	6.30	5.25	5.95	5.50	5.20	6.10	6.30	5.35	6.15	5.50	6.00	5.75	5.75		
28.0																		4.50	5.20	5.10	4.45	5.35	5.65	4.60	5.45	4.75	5.30	5.05	5.05		
30.0																		3.90	4.55	4.80	3.85	4.75	5.00	3.95	4.80	4.15	4.65	4.40	4.40		
32.0																						3.30	4.15	4.45	3.45	4.25	3.60	4.10	3.85	3.85	
34.0																						2.85	3.70	4.00	2.95	3.80	3.15	3.65	3.40	3.40	
36.0																								2.55	3.35	2.70	3.20	3.00	3.00		
38.0																								2.20	3.00	2.35	2.85	2.60	2.60		
40.0																										2.00	2.50	2.30	2.30		
42.0																										1.70	2.20	2.00	2.00		
44.0																												1.70	1.70		
46.0																														1.45	
48.0																														1.25	
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00		
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Telescoping conditions (%)																															
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100		
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100	
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	92	46	92	92	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	3	3	3	3	3	2	2	2	

(Unit: Metric ton)

NS  
NA  
NB  
NC  
ND  
NE  
NF  
With SL jib  
Without SL jib

Specification NS3

Outriggers intermediately extended (5.0m) over side,  
with 29.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8		
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom			
2.5	55.00																														
3.0	55.00																														
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																								
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																				
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																	
5.0	55.00	55.00	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																	
6.0	46.00	47.05	28.60	44.30	45.40	32.30	19.80	39.90	45.90	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50														
7.0	35.60	35.80	26.20	34.30	35.00	29.80	17.80	34.60	35.50	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00											
8.0	28.70	28.55	24.20	27.55	28.20	27.70	16.20	27.80	28.70	30.40	18.50	28.30	30.20	16.90	26.60	29.80	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00	13.00	11.00				
9.0	23.85	23.50	22.60	22.80	23.40	25.35	14.80	23.00	23.85	25.50	17.10	23.45	25.30	15.40	23.95	24.90	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00	10.40			
10.0		19.80	21.20	19.20	19.80	21.75	13.70	19.45	20.25	21.80	15.90	19.85	21.65	14.20	20.35	21.25	15.40	20.85	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40			
11.0		17.00	18.35	16.45	17.05	18.85	12.70	16.70	17.45	19.00	14.80	17.10	18.75	13.10	17.55	18.45	14.20	18.05	18.85	13.00	18.05	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00		
12.0		14.75	16.10	14.25	14.85	16.55	11.80	14.50	15.20	16.70	13.90	14.85	16.45	12.20	15.35	16.20	13.10	15.80	16.60	12.00	15.80	15.60	13.10	15.90	13.00	13.00	11.00	10.40	9.00		
14.0				10.95	11.50	13.20	10.50	11.20	11.85	13.30	12.40	11.55	13.05	10.60	12.00	12.85	11.40	12.45	13.15	10.40	12.45	13.35	11.50	12.55	12.30	12.80	11.00	10.40	9.00		
16.0				8.55	9.10	10.80	9.50	8.80	9.50	10.85	11.20	9.20	10.65	9.40	9.65	10.45	10.10	10.05	10.75	9.20	10.05	10.95	10.10	10.20	10.90	10.40	10.95	10.40	9.00		
18.0								7.05	7.75	9.10	9.45	7.45	8.90	8.50	7.85	8.65	9.00	8.30	8.95	8.20	8.30	9.15	9.10	8.40	9.25	8.60	9.15	8.85	8.80		
20.0								5.65	6.35	7.75	8.10	6.05	7.50	7.70	6.50	7.30	8.10	6.90	7.60	7.30	6.90	7.75	8.05	7.00	7.85	7.20	7.75	7.45	7.45		
22.0												4.95	6.45	7.00	5.40	6.15	7.05	5.85	6.50	6.60	5.80	6.65	6.90	5.90	6.75	6.10	6.60	6.30	6.30		
24.0															4.50	5.25	6.15	4.90	5.60	6.00	4.90	5.75	6.05	5.00	5.85	5.20	5.70	5.40	5.40		
26.0															3.70	4.50	5.45	4.15	4.85	5.30	4.15	5.00	5.30	4.25	5.10	4.45	4.95	4.65	4.65		
28.0																		3.55	4.20	4.70	3.50	4.40	4.65	3.60	4.45	3.80	4.30	4.00	4.00		
30.0																		2.95	3.65	4.15	2.95	3.85	4.10	3.05	3.90	3.25	3.75	3.45	3.45		
32.0																					2.50	3.35	3.65	2.60	3.45	2.80	3.30	3.00	3.00		
34.0																					2.05	2.95	3.25	2.15	3.00	2.35	2.85	2.60	2.60		
36.0																								1.80	2.65	2.00	2.50	2.20	2.20		
38.0																								1.50	2.30	1.70	2.15	1.90	1.90		
40.0																										1.40	1.85	1.60	1.60		
42.0																										1.15	1.60	1.35	1.35		
44.0																												1.15	1.15		
46.0																														0.90	
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00		
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Telescoping conditions (%)																															
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100		
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100	
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	92	92	92	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2		

(Unit: Metric ton)



**Specification NA1**

Outriggers fully extended (7.2m) 360° full range,  
with 25.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8			
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom							
2.5	55.00																															
3.0	55.00																															
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																									
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																					
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																		
5.0	55.00	55.00	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																		
6.0	47.40	47.30	28.60	44.30	48.00	32.30	19.80	39.90	46.00	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50															
7.0	41.90	41.10	26.20	39.50	41.70	29.80	17.80	35.40	42.40	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00												
8.0	37.40	36.40	24.20	35.50	36.70	27.70	16.20	31.70	37.30	30.40	18.50	28.70	32.70	16.90	26.60	30.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00							
9.0	26.50	32.15	22.60	31.75	32.25	25.90	14.80	28.70	32.55	28.10	17.10	26.10	30.80	15.40	24.20	30.00	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00					
10.0		27.65	21.20	26.60	27.25	24.40	13.70	26.20	27.75	25.90	15.90	23.90	29.00	14.20	22.10	28.90	15.40	21.00	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40				
11.0		23.65	20.10	22.55	23.20	23.10	12.70	22.80	23.65	24.00	14.80	22.00	25.20	13.10	20.40	24.80	14.20	19.30	19.40	13.00	18.10	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00			
12.0		20.50	19.20	19.45	20.05	21.90	11.80	19.70	20.50	22.15	13.90	20.10	21.95	12.20	18.80	21.60	13.10	17.80	18.30	12.00	16.70	15.60	13.10	16.00	13.00	13.00	11.00	10.40	9.00			
14.0				14.90	15.50	17.40	10.50	15.15	15.90	17.50	12.40	15.55	17.30	10.60	16.05	16.90	11.40	15.50	16.50	10.40	14.40	13.80	11.50	13.80	12.30	13.00	11.00	10.40	9.00			
16.0				11.75	12.30	14.15	9.50	12.00	12.75	14.25	11.20	12.40	14.10	9.40	12.85	13.70	10.10	13.35	14.10	9.20	12.60	12.30	10.10	12.10	10.90	11.70	11.00	10.40	9.00			
18.0								9.70	10.45	11.90	10.10	10.10	11.75	8.50	10.55	11.35	9.00	11.00	11.75	8.20	11.00	11.10	9.10	10.70	9.70	10.30	10.50	10.20	9.00			
20.0								7.90	8.65	10.10	9.30	8.30	9.95	7.70	8.75	9.60	8.10	9.25	9.95	7.30	9.20	10.10	8.20	9.30	8.70	9.20	9.50	9.10	8.30			
22.0												6.95	8.50	7.00	7.40	8.15	7.40	7.80	8.55	6.60	7.80	8.75	7.40	7.90	7.80	8.15	8.60	8.20	7.60			
24.0															6.25	7.05	6.80	6.70	7.40	6.00	6.70	7.60	6.80	6.75	7.10	7.00	7.50	7.20	6.90			
26.0															5.30	6.10	6.30	5.75	6.45	5.50	5.70	6.60	6.30	5.85	6.50	6.05	6.55	6.30	6.20			
28.0																		4.95	5.65	5.10	4.95	5.85	5.80	5.05	5.95	5.25	5.75	5.50	5.50			
30.0																		4.30	5.00	4.80	4.25	5.15	5.40	4.35	5.25	4.55	5.10	4.80	4.80			
32.0																					3.65	4.55	4.85	3.80	4.70	4.00	4.50	4.25	4.25			
34.0																					3.20	4.05	4.40	3.30	4.15	3.50	4.00	3.75	3.70			
36.0																								2.85	3.70	3.05	3.55	3.25	3.25			
38.0																								2.45	3.30	2.65	3.15	2.90	2.90			
40.0																										2.30	2.80	2.55	2.55			
42.0																										2.00	2.45	2.20	2.20			
44.0																													1.95	1.95		
46.0																														1.70		
48.0																															1.45	
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00			
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Telescoping conditions (%)																																
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100			
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	100		
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100		
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100		
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	92	46	92	92	92	100		
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton			
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	4	3	3	3	3	2	2	2		

(Unit: Metric ton)

NS  
NA  
NB  
NC  
ND  
NE  
NF  
With SL jib  
Without SL jib

Specification NA2

Outriggers intermediately extended (6.0m) over side,  
with 25.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8				
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29				
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom					
2.5	55.00																																
3.0	55.00																																
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																										
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																						
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																			
5.0	55.00	55.00	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																			
6.0	47.40	47.30	28.60	44.30	48.00	32.30	19.80	39.90	46.00	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50																
7.0	40.40	41.10	26.20	39.05	39.80	29.80	17.80	35.40	40.35	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00													
8.0	32.15	33.05	24.20	30.85	31.55	27.70	16.20	31.10	32.05	30.40	18.50	28.70	32.70	16.90	26.60	30.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00								
9.0	26.40	26.90	22.60	25.25	25.90	25.90	14.80	25.50	26.35	28.10	17.10	25.95	27.90	15.40	24.20	27.50	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00						
10.0		22.45	21.20	21.10	21.75	23.80	13.70	21.40	22.20	23.90	15.90	21.80	23.70	14.20	22.10	23.30	15.40	21.00	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40					
11.0		19.15	20.00	18.00	18.60	20.55	12.70	18.25	19.05	20.65	14.80	18.65	20.45	13.10	19.15	20.10	14.20	19.30	19.40	13.00	18.10	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00				
12.0		16.55	17.45	15.50	16.10	18.00	11.80	15.75	16.55	18.10	13.90	16.15	17.95	12.20	16.65	17.55	13.10	17.15	17.95	12.00	16.70	15.60	13.10	16.00	13.00	13.00	11.00	10.40	9.00				
14.0				11.90	12.45	14.25	10.50	12.10	12.85	14.35	12.40	12.50	14.20	10.60	12.95	13.85	11.40	13.45	14.20	10.40	13.45	13.80	11.50	13.55	12.30	13.00	11.00	10.40	9.00				
16.0				9.30	9.85	11.60	9.50	9.55	10.25	11.70	11.20	9.95	11.55	9.40	10.40	11.20	10.10	10.85	11.60	9.20	10.80	11.80	10.10	10.90	10.90	11.15	11.00	10.40	9.00				
18.0								7.65	8.35	9.80	10.10	8.05	9.60	8.50	8.45	9.30	9.00	8.90	9.65	8.20	8.90	9.85	9.10	9.00	9.70	9.20	9.75	9.45	9.00				
20.0								6.15	6.85	8.25	8.65	6.55	8.10	7.70	7.00	7.80	8.10	7.40	8.15	7.30	7.40	8.30	8.20	7.50	8.40	7.75	8.25	8.00	7.95				
22.0												5.35	6.90	7.00	5.80	6.60	7.40	6.25	6.95	6.60	6.25	7.10	7.40	6.30	7.25	6.55	7.05	6.75	6.75				
24.0															4.85	5.65	6.65	5.30	5.95	6.00	5.25	6.15	6.45	5.35	6.25	5.55	6.10	5.80	5.80				
26.0															4.05	4.85	5.80	4.50	5.15	5.50	4.45	5.35	5.65	4.55	5.45	4.75	5.25	5.00	5.00				
28.0																		3.85	4.50	5.05	3.80	4.65	4.95	3.90	4.75	4.10	4.60	4.35	4.35				
30.0																			3.25	3.90	4.45	3.20	4.05	4.40	3.35	4.15	3.50	4.00	3.75	3.75			
32.0																								2.75	3.55	3.90	2.85	3.65	3.00	3.50	3.25	3.25	
34.0																								2.30	3.15	3.45	2.40	3.20	2.55	3.05	2.85	2.85	
36.0																									2.00	2.85	2.20	2.70	2.45	2.45			
38.0																									1.70	2.50	1.85	2.35	2.10	2.10			
40.0																											1.55	2.05	1.80	1.80			
42.0																											1.30	1.80	1.50	1.55			
44.0																													1.25	1.25			
46.0																															1.05		
48.0																																0.85	
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00				
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Telescoping conditions (%)																																	
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	46	92	100		
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	92	100		
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100			
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100			
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	92	92	92	92	100			
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	3	2	2	2	2		

(Unit: Metric ton)



**Specification NA3**

Outriggers intermediately extended (5.0m) over side,  
with 25.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8		
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom						
2.5	55.00																														
3.0	55.00																														
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																								
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																				
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																	
5.0	55.00	55.00	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																	
6.0	41.75	42.80	28.60	40.35	41.10	32.30	19.80	39.90	41.65	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50														
7.0	32.25	32.45	26.20	30.95	31.65	29.80	17.80	31.25	32.15	32.60	20.20	31.75	33.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00											
8.0	25.95	25.80	24.20	24.80	25.45	27.50	16.20	25.05	25.90	27.60	18.50	25.50	27.45	16.90	26.00	27.05	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00						
9.0	21.50	21.20	22.45	20.40	21.00	23.00	14.80	20.65	21.50	23.10	17.10	21.05	22.90	15.40	21.55	22.55	16.80	22.10	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00				
10.0		17.80	19.10	17.15	17.75	19.65	13.70	17.35	18.15	19.75	15.90	17.75	19.60	14.20	18.30	19.15	15.40	18.80	19.60	14.10	18.75	16.30	15.00	16.00	13.00	13.00	11.00	10.40			
11.0		15.20	16.50	14.60	15.15	17.05	12.70	14.85	15.60	17.15	14.80	15.25	16.95	13.10	15.70	16.60	14.20	16.20	17.00	13.00	16.20	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00		
12.0		13.15	14.45	12.60	13.15	14.95	11.80	12.80	13.60	15.05	13.90	13.20	14.85	12.20	13.65	14.50	13.10	14.15	14.95	12.00	14.10	15.15	13.10	14.25	13.00	13.00	11.00	10.40	9.00		
14.0				9.55	10.10	11.85	10.50	9.80	10.55	11.95	12.30	10.20	11.70	10.60	10.60	11.45	11.40	11.10	11.85	10.40	11.05	12.05	11.50	11.15	12.15	11.40	11.00	10.40	9.00		
16.0				7.40	7.95	9.65	9.50	7.65	8.35	9.75	10.10	8.05	9.50	9.40	8.45	9.25	10.10	8.90	9.65	9.20	8.90	9.80	10.10	9.00	9.90	9.20	9.75	9.45	9.00		
18.0								6.00	6.70	8.10	8.45	6.40	7.90	8.45	6.85	7.65	8.55	7.30	8.00	8.20	7.25	8.15	8.45	7.35	8.25	7.55	8.10	7.80	7.80		
20.0								4.75	5.45	6.80	7.20	5.15	6.65	7.20	5.55	6.35	7.30	6.00	6.70	7.20	6.00	6.90	7.15	6.10	6.95	6.30	6.80	6.55	6.55		
22.0												4.10	5.65	6.20	4.55	5.35	6.25	5.00	5.70	6.15	4.95	5.85	6.15	5.10	5.95	5.25	5.80	5.50	5.55		
24.0															3.70	4.50	5.45	4.15	4.85	5.35	4.15	5.05	5.30	4.25	5.10	4.45	4.95	4.70	4.70		
26.0															3.05	3.80	4.80	3.50	4.15	4.65	3.45	4.35	4.65	3.55	4.40	3.75	4.25	4.00	4.00		
28.0																		2.90	3.55	4.10	2.85	3.75	4.05	3.00	3.85	3.15	3.65	3.40	3.40		
30.0																		2.35	3.05	3.60	2.35	3.25	3.55	2.50	3.35	2.65	3.15	2.90	2.90		
32.0																					1.90	2.80	3.10	2.05	2.90	2.25	2.70	2.45	2.45		
34.0																					1.55	2.40	2.70	1.65	2.50	1.85	2.35	2.10	2.10		
36.0																								1.35	2.15	1.50	2.00	1.75	1.75		
38.0																								1.05	1.85	1.20	1.70	1.45	1.45		
40.0																									0.90	1.45	1.20	1.20			
42.0																											1.20	0.95	0.95		
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00		
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	
Telescoping conditions (%)																															
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100		
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100	
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	92	46	92	92	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	3	3	3	3	3	2	2	2	

(Unit: Metric ton)

NS  
NA  
NB  
NC  
ND  
NE  
NF  
With SL jib  
Without SL jib

Specification NA4

Outriggers intermediately extended (4.2m) over side,  
with 25.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8	
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom					22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom	
2.5	55.00																													
3.0	55.00																													
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																							
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																			
4.5	55.00	55.00	33.30	54.00	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																
5.0	46.20	46.75	31.50	44.70	45.50	35.00	22.20	45.00	46.00	35.00	24.80	40.40	35.00	23.60																
6.0	34.10	33.80	28.60	32.80	33.50	32.30	19.80	33.10	34.00	35.00	22.30	33.55	35.00	20.90	31.50	30.00	22.50													
7.0	26.70	26.10	26.20	25.50	26.15	28.25	17.80	25.75	26.60	28.35	20.20	26.20	28.10	18.70	26.70	27.70	20.30	25.00	21.00	18.00										
8.0	21.65	20.95	22.50	20.50	21.10	22.95	16.20	20.75	21.50	23.15	18.50	21.15	22.85	16.90	21.70	22.65	18.40	22.25	21.00	17.00	20.00	16.30	15.00	16.00	13.00					
9.0	18.00	17.30	18.80	16.85	17.45	19.20	14.80	17.10	17.80	19.40	17.10	17.45	19.10	15.40	18.00	19.00	16.80	18.50	19.30	15.40	18.55	16.30	15.00	16.00	13.00	13.00	11.00			
10.0		14.60	16.00	14.15	14.70	16.40	13.70	14.35	15.05	16.55	15.90	14.70	16.30	14.20	15.20	16.20	15.40	15.70	16.45	14.10	15.75	16.30	15.00	15.95	13.00	13.00	11.00	10.40		
11.0		12.45	13.85	12.05	12.60	14.25	12.70	12.25	12.90	14.35	14.70	12.55	14.10	13.10	13.05	14.00	14.20	13.55	14.25	13.00	13.55	14.45	14.10	13.75	13.00	13.00	11.00	10.40	9.00	
12.0		10.75	12.10	10.35	10.90	12.50	11.80	10.55	11.20	12.60	12.95	10.85	12.35	12.20	11.35	12.20	13.10	11.80	12.50	12.00	11.80	12.70	13.00	12.00	12.80	12.15	11.00	10.40	9.00	
14.0				7.85	8.35	9.90	9.95	8.00	8.65	10.00	10.30	8.30	9.75	10.35	8.75	9.60	10.45	9.20	9.90	10.35	9.20	10.10	10.35	9.40	10.15	9.55	10.10	9.85	9.00	
16.0				5.95	6.50	8.10	8.10	6.20	6.80	8.15	8.45	6.50	7.90	8.50	6.90	7.70	8.55	7.35	8.00	8.50	7.35	8.20	8.45	7.50	8.25	7.65	8.20	7.95	7.95	
18.0								4.80	5.50	6.75	7.05	5.15	6.55	7.10	5.55	6.30	7.15	5.95	6.60	7.05	5.95	6.80	7.05	6.10	6.85	6.25	6.75	6.55	6.55	
20.0								3.65	4.35	5.70	6.00	4.10	5.45	6.00	4.50	5.25	6.10	4.85	5.50	6.00	4.85	5.70	5.95	5.00	5.75	5.15	5.70	5.40	5.45	
22.0												3.20	4.60	5.15	3.60	4.35	5.20	4.00	4.65	5.10	4.00	4.80	5.10	4.10	4.90	4.30	4.80	4.55	4.50	
24.0															2.85	3.65	4.50	3.30	3.95	4.40	3.30	4.10	4.35	3.35	4.20	3.60	4.10	3.80	3.80	
26.0															2.25	3.05	3.95	2.70	3.35	3.80	2.70	3.50	3.80	2.75	3.60	3.00	3.45	3.20	3.20	
28.0																		2.20	2.85	3.30	2.15	3.00	3.30	2.25	3.10	2.45	2.95	2.65	2.65	
30.0																		1.75	2.40	2.90	1.75	2.55	2.85	1.80	2.65	2.00	2.50	2.20	2.20	
32.0																					1.30	2.20	2.45	1.45	2.25	1.65	2.10	1.85	1.85	
34.0																					0.90	1.85	2.15	1.10	1.95	1.25	1.75	1.50	1.50	
36.0																								1.60	0.90	1.45	1.20	1.20		
38.0																								1.35		1.20	0.95	0.95		
40.0																										0.95				
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00	
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	26	-	29	36	
Telescoping conditions (%)																														
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100	
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2	

(Unit: Metric ton)



**Specification NB1**

Outriggers fully extended (7.2m) 360° full range,  
with 21.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8			
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom							
2.5	55.00																															
3.0	55.00																															
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																									
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																					
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																		
5.0	55.00	55.00	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																		
6.0	47.40	47.30	28.60	44.30	48.00	32.30	19.80	39.90	46.00	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50															
7.0	41.90	41.10	26.20	39.50	41.70	29.80	17.80	35.40	42.05	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00												
8.0	36.25	35.70	24.20	35.30	35.80	27.70	16.20	31.70	36.15	30.40	18.50	28.70	32.70	16.90	26.60	30.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00							
9.0	26.50	30.25	22.60	28.90	29.65	25.90	14.80	28.70	30.15	28.10	17.10	26.10	30.80	15.40	24.20	30.00	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00					
10.0		25.30	21.20	23.95	24.65	24.40	13.70	24.25	25.10	25.90	15.90	23.90	26.70	14.20	22.10	26.30	15.40	21.00	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40				
11.0		21.55	20.10	20.30	20.95	22.95	12.70	20.55	21.35	23.10	14.80	20.95	22.90	13.10	20.40	22.50	14.20	19.30	19.40	13.00	18.10	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00			
12.0		18.70	19.20	17.40	18.05	20.00	11.80	17.65	18.45	20.10	13.90	18.05	19.95	12.20	18.60	19.55	13.10	17.80	18.30	12.00	16.70	15.60	13.10	16.00	13.00	13.00	11.00	10.40	9.00			
14.0				13.25	13.85	15.70	10.50	13.45	14.25	15.85	12.40	13.90	15.65	10.60	14.35	15.30	11.40	14.90	15.70	10.40	14.40	13.80	11.50	13.80	12.30	13.00	11.00	10.40	9.00			
16.0				10.35	10.95	12.75	9.50	10.60	11.35	12.85	11.20	11.00	12.70	9.40	11.45	12.30	10.10	11.95	12.75	9.20	11.90	12.30	10.10	12.05	10.90	11.70	11.00	10.40	9.00			
18.0								8.50	9.20	10.65	10.10	8.90	10.50	8.50	9.35	10.15	9.00	9.80	10.55	8.20	9.80	10.75	9.10	9.90	9.70	10.10	10.50	10.20	9.00			
20.0								6.85	7.55	9.00	9.30	7.25	8.85	7.70	7.70	8.55	8.10	8.15	8.90	7.30	8.10	9.05	8.20	8.25	8.70	8.45	9.00	8.70	8.30			
22.0												5.95	7.55	7.00	6.40	7.20	7.40	6.90	7.60	6.60	6.85	7.75	7.40	6.95	7.80	7.15	7.70	7.40	7.40			
24.0															5.40	6.15	6.80	5.80	6.55	6.00	5.80	6.75	6.80	5.95	6.80	6.10	6.65	6.40	6.35			
26.0															4.50	5.30	6.30	4.95	5.70	5.50	4.95	5.85	6.15	5.05	5.95	5.25	5.80	5.50	5.50			
28.0																		4.25	4.95	5.10	4.20	5.10	5.40	4.30	5.20	4.50	5.05	4.75	4.75			
30.0																		3.65	4.30	4.80	3.60	4.45	4.75	3.70	4.55	3.90	4.40	4.15	4.15			
32.0																					3.05	3.95	4.25	3.20	4.00	3.35	3.85	3.60	3.65			
34.0																					2.60	3.50	3.75	2.75	3.55	2.90	3.40	3.15	3.15			
36.0																								2.30	3.15	2.50	3.00	2.75	2.75			
38.0																								1.95	2.80	2.15	2.65	2.35	2.35			
40.0																										1.85	2.30	2.05	2.05			
42.0																										1.50	2.00	1.75	1.75			
44.0																												1.50	1.50			
46.0																														1.25		
48.0																															1.05	
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00			
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Telescoping conditions (%)																																
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100			
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	100		
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100		
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100		
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	92	46	92	92	92	100		
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton			
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg			
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	4	3	3	3	3	2	2	2		

(Unit: Metric ton)

NS  
NA  
NB  
NC  
ND  
NE  
NF  
With SL jib  
Without SL jib



Specification NB2

Outriggers intermediately extended (6.0m) over side,  
with 21.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8		
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom			
2.5	55.00																														
3.0	55.00																														
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																								
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																				
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																	
5.0	55.00	55.00	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																	
6.0	47.40	47.30	28.60	44.30	48.00	32.30	19.80	39.90	46.00	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50														
7.0	36.70	38.45	26.20	35.30	36.05	29.80	17.80	35.40	36.55	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00											
8.0	29.10	30.00	24.20	27.80	28.50	27.70	16.20	28.10	29.00	30.40	18.50	28.55	30.70	16.90	26.60	30.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00	13.00	11.00				
9.0	23.80	24.30	22.60	22.65	23.30	25.45	14.80	22.90	23.75	25.55	17.10	23.35	25.35	15.40	23.90	24.95	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00	10.40			
10.0		20.25	21.00	18.90	19.55	21.55	13.70	19.15	20.00	21.65	15.90	19.60	21.45	14.20	20.10	21.10	15.40	20.65	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40			
11.0		17.20	18.05	16.05	16.65	18.60	12.70	16.25	17.10	18.70	14.80	16.70	18.50	13.10	17.20	18.10	14.20	17.70	18.55	13.00	17.70	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00		
12.0		14.80	15.70	13.75	14.35	16.25	11.80	14.00	14.80	16.35	13.90	14.40	16.20	12.20	14.90	15.80	13.10	15.45	16.20	12.00	15.40	15.60	13.10	15.50	13.00	13.00	11.00	10.40	9.00		
14.0				10.45	11.00	12.80	10.50	10.65	11.40	12.90	12.40	11.05	12.75	10.60	11.50	12.40	11.40	12.00	12.75	10.40	12.00	12.95	11.50	12.10	12.30	12.35	11.00	10.40	9.00		
16.0				8.10	8.65	10.40	9.50	8.30	9.05	10.50	10.90	8.70	10.30	9.40	9.15	10.00	10.10	9.65	10.35	9.20	9.60	10.55	10.10	9.70	10.65	9.90	10.45	10.20	9.00		
18.0								6.55	7.30	8.70	9.10	6.95	8.50	8.50	7.40	8.20	9.00	7.85	8.60	8.20	7.80	8.75	9.10	7.95	8.85	8.15	8.65	8.40	8.40		
20.0								5.20	5.90	7.35	7.70	5.60	7.15	7.70	6.05	6.85	7.85	6.45	7.20	7.30	6.45	7.40	7.65	6.60	7.45	6.80	7.30	7.05	7.05		
22.0												4.50	6.05	6.65	4.95	5.75	6.75	5.40	6.10	6.60	5.40	6.25	6.55	5.45	6.35	5.70	6.20	5.90	5.90		
24.0															4.10	4.90	5.85	4.50	5.20	5.75	4.50	5.35	5.65	4.60	5.50	4.80	5.35	5.00	5.05		
26.0															3.35	4.15	5.10	3.80	4.45	5.00	3.75	4.65	4.95	3.85	4.75	4.05	4.60	4.30	4.30		
28.0																		3.15	3.85	4.35	3.15	4.00	4.30	3.25	4.10	3.45	3.95	3.70	3.70		
30.0																		2.65	3.30	3.80	2.65	3.45	3.75	2.75	3.60	2.90	3.40	3.15	3.15		
32.0																					2.20	3.00	3.30	2.25	3.10	2.45	2.95	2.70	2.70		
34.0																					1.75	2.60	2.90	1.90	2.70	2.05	2.55	2.30	2.30		
36.0																							1.50	2.35	1.70	2.20	1.95	1.95			
38.0																							1.20	2.05	1.40	1.90	1.65	1.65			
40.0																									1.15	1.60	1.35	1.35			
42.0																									0.85	1.35	1.10	1.10			
44.0																												0.90	0.90		
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00		
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		

Telescoping conditions (%)																													
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2

(Unit: Metric ton)



**Specification NB3**

Outriggers intermediately extended (5.0m) over side,  
with 21.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8	
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom					
2.5	55.00																													
3.0	55.00																													
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																							
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																			
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																
5.0	52.65	55.00	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																
6.0	37.80	38.80	28.60	36.45	37.20	32.30	19.80	36.70	37.75	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50													
7.0	29.10	29.30	26.20	27.85	28.55	29.80	17.80	28.10	29.00	30.85	20.20	28.55	30.70	18.70	29.15	30.00	20.30	25.00	21.00	18.00										
8.0	23.35	23.25	24.20	22.15	22.80	24.90	16.20	22.40	23.30	25.05	18.50	22.90	24.85	16.90	23.40	24.45	18.40	24.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00					
9.0	19.30	19.00	20.20	18.15	18.80	20.80	14.80	18.40	19.25	20.90	17.10	18.85	20.70	15.40	19.35	20.35	16.80	19.90	20.75	15.40	19.85	16.30	15.00	16.00	13.00	13.00	11.00			
10.0		15.90	17.15	15.20	15.80	17.70	13.70	15.45	16.20	17.80	15.90	15.85	17.65	14.20	16.35	17.25	15.40	16.85	17.65	14.10	16.80	16.30	15.00	16.00	13.00	13.00	11.00	10.40		
11.0		13.55	14.80	12.90	13.45	15.30	12.70	13.10	13.90	15.45	14.80	13.50	15.25	13.10	13.95	14.90	14.20	14.50	15.25	13.00	14.50	15.50	14.10	14.60	13.00	13.00	11.00	10.40	9.00	
12.0		11.65	12.90	11.05	11.60	13.40	11.80	11.25	12.00	13.55	13.90	11.65	13.35	12.20	12.10	13.00	13.10	12.60	13.40	12.00	12.55	13.55	13.10	12.70	13.00	12.95	11.00	10.40	9.00	
14.0				8.30	8.80	10.60	10.50	8.50	9.25	10.65	11.05	8.90	10.50	10.60	9.35	10.20	11.20	9.80	10.55	10.40	9.75	10.75	11.10	9.90	10.85	10.10	10.65	10.40	9.00	
16.0				6.30	6.85	8.55	8.55	6.55	7.25	8.65	9.05	6.90	8.45	9.05	7.35	8.15	9.15	7.80	8.55	9.05	7.75	8.75	9.05	7.90	8.80	8.10	8.65	8.35	8.35	
18.0								5.05	5.75	7.15	7.55	5.45	7.00	7.55	5.85	6.65	7.60	6.30	7.05	7.55	6.30	7.20	7.50	6.40	7.30	6.60	7.10	6.85	6.85	
20.0								3.90	4.60	5.95	6.35	4.25	5.85	6.40	4.70	5.50	6.45	5.15	5.85	6.35	5.10	6.05	6.35	5.25	6.15	5.45	5.95	5.70	5.70	
22.0												3.35	4.90	5.45	3.80	4.55	5.55	4.25	4.90	5.45	4.20	5.10	5.40	4.30	5.20	4.50	5.00	4.75	4.75	
24.0															3.00	3.80	4.80	3.45	4.15	4.70	3.45	4.35	4.65	3.55	4.40	3.75	4.25	4.00	4.00	
26.0															2.40	3.15	4.15	2.85	3.50	4.05	2.80	3.70	4.00	2.95	3.75	3.10	3.60	3.35	3.35	
28.0																		2.30	2.95	3.50	2.25	3.15	3.45	2.40	3.25	2.55	3.05	2.85	2.85	
30.0																		1.85	2.50	3.05	1.80	2.70	3.00	1.95	2.75	2.10	2.60	2.35	2.35	
32.0																					1.45	2.30	2.60	1.50	2.35	1.70	2.20	1.95	1.95	
34.0																					1.10	1.90	2.20	1.20	2.00	1.40	1.85	1.60	1.60	
36.0																								0.85	1.70	1.05	1.55	1.30	1.30	
38.0																									1.45		1.30	1.05	1.05	
40.0																											1.05	0.80	0.80	
42.0																											0.80			
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00	
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	27	34
Telescoping conditions (%)																														
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100	
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	92	46	92	92	46	92	46	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	3	3	3	3	3	2	2	2

(Unit: Metric ton)

NS  
NA  
NB  
NC  
ND  
NE  
NF  
With SL jib  
Without SL jib

Specification NB4

Outriggers intermediately extended (4.2m) over side,  
with 21.8ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8			
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom				
2.5	55.00																															
3.0	55.00																															
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																									
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																					
4.5	50.30	51.90	33.30	48.75	49.60	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																		
5.0	41.75	42.35	31.50	40.30	41.05	35.00	22.20	40.60	41.60	35.00	24.80	40.15	35.00	23.60																		
6.0	30.70	30.50	28.60	29.45	30.15	32.30	19.80	29.70	30.65	32.50	22.30	30.20	32.30	20.90	30.80	30.00	22.50															
7.0	23.95	23.45	24.90	22.75	23.40	25.50	17.80	23.05	23.85	25.65	20.20	23.45	25.45	18.70	24.00	25.00	20.30	24.55	21.00	18.00												
8.0	19.35	18.75	20.30	18.25	18.90	20.80	16.20	18.50	19.30	20.85	18.50	18.90	20.60	16.90	19.45	20.40	18.40	19.95	20.80	17.00	19.95	16.30	15.00	16.00	13.00							
9.0	16.00	15.45	16.90	15.00	15.55	17.35	14.80	15.20	15.90	17.40	17.10	15.55	17.20	15.40	16.05	17.00	16.80	16.60	17.40	15.40	16.60	16.30	15.00	16.00	13.00	13.00	11.00					
10.0		12.95	14.35	12.50	13.05	14.75	13.70	12.70	13.40	14.80	15.25	13.05	14.60	14.20	13.50	14.45	15.35	14.05	14.80	14.10	14.10	15.05	15.00	14.20	13.00	13.00	11.00	10.40				
11.0		11.00	12.40	10.55	11.10	12.80	12.70	10.75	11.45	12.80	13.25	11.10	12.65	13.10	11.55	12.45	13.35	12.05	12.80	13.00	12.10	13.00	13.30	12.20	13.00	12.45	11.00	10.40	9.00			
12.0		9.45	10.80	9.05	9.55	11.20	11.25	9.20	9.90	11.25	11.60	9.55	11.05	11.65	10.00	10.85	11.75	10.45	11.20	11.70	10.50	11.40	11.70	10.65	11.50	10.85	11.00	10.40	9.00			
14.0				6.70	7.25	8.80	8.85	6.90	7.55	8.85	9.20	7.20	8.65	9.25	7.65	8.45	9.35	8.10	8.80	9.25	8.10	9.00	9.25	8.25	9.05	8.45	9.00	8.70	8.70			
16.0				4.95	5.50	7.15	7.20	5.20	5.90	7.15	7.50	5.55	6.95	7.55	5.95	6.75	7.60	6.40	7.05	7.55	6.40	7.25	7.55	6.50	7.35	6.70	7.25	6.95	7.00			
18.0								3.90	4.60	5.90	6.25	4.30	5.70	6.25	4.70	5.45	6.35	5.15	5.80	6.25	5.15	5.95	6.25	5.20	6.05	5.45	5.95	5.65	5.65			
20.0								2.90	3.55	4.95	5.30	3.30	4.75	5.25	3.70	4.45	5.35	4.15	4.80	5.25	4.10	4.95	5.25	4.20	5.05	4.45	4.95	4.65	4.65			
22.0												2.50	3.95	4.50	2.90	3.70	4.55	3.35	4.00	4.45	3.30	4.15	4.45	3.40	4.25	3.60	4.10	3.80	3.80			
24.0															2.25	3.00	3.90	2.70	3.35	3.80	2.65	3.50	3.75	2.75	3.60	2.95	3.45	3.15	3.15			
26.0															1.70	2.45	3.40	2.10	2.80	3.25	2.10	2.95	3.25	2.15	3.05	2.40	2.90	2.60	2.60			
28.0																		1.65	2.30	2.80	1.65	2.50	2.75	1.70	2.55	1.90	2.40	2.10	2.10			
30.0																		1.20	1.90	2.40	1.15	2.05	2.35	1.30	2.15	1.50	2.00	1.70	1.70			
32.0																						1.70	2.00	0.95	1.80	1.10	1.65	1.35	1.40			
34.0																						1.40	1.70		1.50		1.35	1.10	1.10			
36.0																								1.20		1.05	0.80	0.80				
38.0																								0.95								
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00			
Min. boom angle (°)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20	—	—	29	—	35	21	37	42
Telescoping conditions (%)																																
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	46	92	100	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	100		
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100		
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100		
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	92	100		
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2	2		

(Unit: Metric ton)



**Specification NC1**

Outriggers fully extended (7.2m) 360° full range,  
with 15.3ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8				
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29				
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom								
2.5	55.00																																
3.0	55.00																																
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																										
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																						
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																			
5.0	55.00	55.00	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																			
6.0	47.00	46.45	28.60	44.30	46.60	32.30	19.80	39.90	46.00	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50																
7.0	39.45	39.00	26.20	37.85	38.75	29.80	17.80	35.40	39.35	32.60	20.20	31.80	34.80	18.70	29.60	30.00	20.30	25.00	21.00	18.00													
8.0	30.50	31.15	24.20	29.10	29.85	27.70	16.20	29.40	30.40	30.40	18.50	28.70	32.25	16.90	26.60	30.00	18.40	25.00	21.00	17.00	20.00	16.30	15.00	16.00	13.00								
9.0	24.55	25.20	22.60	23.30	24.00	25.90	14.80	23.55	24.50	26.45	17.10	24.05	26.20	15.40	24.20	25.75	16.80	22.90	21.00	15.40	20.00	16.30	15.00	16.00	13.00	13.00	11.00						
10.0		21.00	21.20	19.15	19.85	22.00	13.70	19.40	20.30	22.10	15.90	19.85	21.90	14.20	20.40	21.50	15.40	21.00	20.60	14.10	19.70	16.30	15.00	16.00	13.00	13.00	11.00	10.40					
11.0		17.80	18.20	16.05	16.70	18.75	12.70	16.30	17.15	18.90	14.80	16.75	18.70	13.10	17.30	18.30	14.20	17.85	18.75	13.00	17.85	16.30	14.10	16.00	13.00	13.00	11.00	10.40	9.00				
12.0		15.35	15.75	13.65	14.30	16.25	11.80	13.90	14.70	16.40	13.90	14.30	16.20	12.20	14.85	15.80	13.10	15.40	16.25	12.00	15.35	15.60	13.10	15.50	13.00	13.00	11.00	10.40	9.00				
14.0				10.20	10.80	12.65	10.50	10.45	11.20	12.75	12.40	10.85	12.60	10.60	11.35	12.25	11.40	11.80	12.65	10.40	11.80	12.85	11.50	11.95	12.30	12.15	11.00	10.40	9.00				
16.0				7.75	8.35	10.20	9.50	8.05	8.80	10.30	10.70	8.40	10.10	9.40	8.90	9.75	10.10	9.35	10.15	9.20	9.35	10.35	10.10	9.50	10.45	9.70	10.25	9.95	9.00				
18.0								6.25	7.00	8.45	8.85	6.65	8.25	8.50	7.10	7.95	9.00	7.55	8.35	8.20	7.55	8.50	8.85	7.65	8.60	7.90	8.40	8.15	8.15				
20.0								4.90	5.60	7.05	7.45	5.25	6.90	7.50	5.70	6.55	7.60	6.20	6.95	7.30	6.15	7.10	7.45	6.30	7.25	6.50	7.05	6.75	6.80				
22.0												4.20	5.80	6.40	4.65	5.45	6.55	5.10	5.85	6.40	5.10	6.00	6.35	5.20	6.10	5.40	5.95	5.65	5.65				
24.0															3.80	4.60	5.60	4.25	4.95	5.50	4.25	5.15	5.45	4.30	5.20	4.55	5.05	4.80	4.80				
26.0															3.05	3.90	4.85	3.55	4.20	4.75	3.50	4.40	4.70	3.60	4.50	3.80	4.35	4.05	4.05				
28.0																		2.90	3.60	4.10	2.85	3.75	4.05	3.00	3.85	3.15	3.70	3.45	3.45				
30.0																		2.40	3.05	3.60	2.35	3.25	3.55	2.50	3.30	2.65	3.15	2.95	2.95				
32.0																					1.90	2.80	3.10	2.05	2.85	2.20	2.70	2.50	2.50				
34.0																					1.55	2.40	2.70	1.65	2.50	1.85	2.35	2.05	2.10				
36.0																								1.30	2.15	1.50	2.00	1.70	1.70				
38.0																								1.00	1.85	1.20	1.70	1.45	1.45				
40.0																									0.90	1.45	1.15	1.15					
42.0																											1.15	0.90	0.90				
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00				
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24		
Telescoping conditions (%)																																	
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	46	92	100		
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	92	100		
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	92	100		
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	92	100		
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	92	46	92	92	92	92	100		
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton			
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg			
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	3	3	3	3	3	2	2	2			

(Unit: Metric ton)

NS  
NA  
NB  
NC  
ND  
NE  
NF  
With SL jib  
Without SL jib

Specification NC2

Outriggers intermediately extended (6.0m) over side,  
with 15.3ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8	
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom					22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom	
2.5	55.00																													
3.0	55.00																													
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																							
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																			
4.5	55.00	55.00	33.30	54.10	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																
5.0	55.00	55.00	31.50	50.40	50.00	35.00	22.20	45.20	46.00	35.00	24.80	40.40	35.00	23.60																
6.0	39.75	43.00	28.60	38.20	39.05	32.30	19.80	38.55	39.65	35.00	22.30	35.70	35.00	20.90	31.50	30.00	22.50													
7.0	29.75	31.35	26.20	28.35	29.10	29.80	17.80	28.65	29.65	31.70	20.20	29.20	31.50	18.70	29.60	30.00	20.30	25.00	21.00	18.00										
8.0	23.40	24.30	24.20	22.20	22.90	25.10	16.20	22.45	23.40	25.20	18.50	22.95	25.00	16.90	23.50	24.60	18.40	24.10	21.00	17.00	20.00	16.30	15.00	16.00	13.00					
9.0	19.05	19.55	20.10	17.90	18.55	20.65	14.80	18.15	19.00	20.80	17.10	18.60	20.60	15.40	19.15	20.20	16.80	19.75	20.60	15.40	19.70	16.30	15.00	16.00	13.00	13.00	11.00			
10.0		16.15	16.85	14.80	15.40	17.45	13.70	15.00	15.85	17.55	15.90	15.50	17.35	14.20	16.00	16.95	15.40	16.50	17.40	14.10	16.50	16.30	15.00	16.00	13.00	13.00	11.00	10.40		
11.0		13.60	14.40	12.40	13.00	14.95	12.70	12.65	13.45	15.05	14.80	13.05	14.85	13.10	13.55	14.50	14.20	14.10	14.90	13.00	14.05	15.10	14.10	14.20	13.00	13.00	11.00	10.40	9.00	
12.0		11.60	12.50	10.55	11.15	13.00	11.80	10.75	11.50	13.10	13.55	11.15	12.95	12.20	11.65	12.55	13.10	12.15	12.95	12.00	12.15	13.15	13.10	12.25	13.00	12.50	11.00	10.40	9.00	
14.0				7.75	8.30	10.15	10.15	8.00	8.75	10.25	10.65	8.40	10.05	10.60	8.85	9.70	10.85	9.30	10.10	10.40	9.30	10.30	10.60	9.45	10.40	9.65	10.20	9.90	9.00	
16.0				5.80	6.35	8.10	8.10	6.05	6.75	8.20	8.60	6.40	8.05	8.70	6.85	7.70	8.80	7.35	8.10	8.65	7.30	8.25	8.60	7.40	8.40	7.60	8.20	7.90	7.90	
18.0								4.60	5.25	6.70	7.10	4.95	6.55	7.15	5.40	6.25	7.25	5.85	6.60	7.15	5.85	6.75	7.10	5.95	6.85	6.15	6.70	6.40	6.40	
20.0								3.45	4.15	5.55	5.95	3.85	5.40	6.00	4.25	5.10	6.10	4.70	5.45	6.00	4.70	5.65	5.95	4.80	5.70	5.00	5.55	5.30	5.25	
22.0												2.95	4.50	5.10	3.40	4.20	5.15	3.80	4.55	5.10	3.80	4.70	5.00	3.90	4.80	4.10	4.65	4.35	4.35	
24.0															2.65	3.45	4.40	3.10	3.80	4.30	3.10	3.95	4.25	3.15	4.05	3.40	3.90	3.60	3.60	
26.0															2.05	2.80	3.80	2.50	3.20	3.70	2.45	3.35	3.60	2.55	3.45	2.75	3.30	3.00	3.00	
28.0																		1.95	2.65	3.15	1.95	2.80	3.10	2.05	2.90	2.25	2.75	2.45	2.50	
30.0																		1.50	2.20	2.75	1.50	2.40	2.65	1.65	2.45	1.80	2.30	2.05	2.05	
32.0																					1.15	2.00	2.25	1.20	2.10	1.40	1.95	1.65	1.65	
34.0																					0.80	1.65	1.95	0.90	1.75	1.10	1.60	1.35	1.35	
36.0																								1.45	0.80	1.30	1.05	1.00		
38.0																								1.20		1.05	0.80	0.80		
40.0																										0.80				
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00	
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	29	-	31	38	
Telescoping conditions (%)																														
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100	
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2	

(Unit: Metric ton)



**Specification NC3**

Outriggers intermediately extended (5.0m) over side,  
with 15.3ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8	
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom					
2.5	55.00																													
3.0	55.00																													
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																							
4.0	55.00	55.00	35.00	55.00	50.00	35.00	25.40	46.00	46.00	35.00	28.00																			
4.5	52.75	55.00	33.30	50.95	50.00	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																
5.0	42.70	45.40	31.50	41.10	41.95	35.00	22.20	41.40	42.60	35.00	24.80	40.40	35.00	23.60																
6.0	30.45	31.40	28.60	29.05	29.80	32.30	19.80	29.35	30.35	32.40	22.30	29.85	32.15	20.90	30.50	30.00	22.50													
7.0	23.25	23.55	24.30	22.00	22.70	24.90	17.80	22.25	23.20	25.00	20.20	22.75	24.80	18.70	23.30	24.40	20.30	23.90	21.00	18.00										
8.0	18.50	18.50	19.50	17.35	18.00	20.05	16.20	17.60	18.45	20.15	18.50	18.05	20.00	16.90	18.60	19.55	18.40	19.15	20.05	17.00	19.10	16.30	15.00	16.00	13.00					
9.0	15.15	15.00	16.10	14.05	14.65	16.65	14.80	14.30	15.10	16.75	17.10	14.70	16.55	15.40	15.25	16.15	16.80	15.75	16.60	15.40	15.70	16.30	15.00	15.85	13.00	13.00	11.00			
10.0		12.40	13.55	11.55	12.15	14.10	13.70	11.80	12.60	14.20	14.65	12.20	14.00	14.20	12.70	13.60	14.80	13.25	14.05	14.10	13.20	14.25	14.60	13.35	13.00	13.00	11.00	10.40		
11.0		10.45	11.60	9.65	10.25	12.10	12.15	9.90	10.70	12.20	12.65	10.30	12.05	12.70	10.80	11.70	12.80	11.30	12.10	12.70	11.25	12.30	12.65	11.35	12.40	11.60	11.00	10.40	9.00	
12.0		8.90	10.05	8.15	8.75	10.50	10.55	8.40	9.15	10.65	11.05	8.80	10.45	11.10	9.25	10.15	11.25	9.75	10.50	11.10	9.70	10.70	11.00	9.85	10.80	10.05	10.60	10.35	9.00	
14.0				5.90	6.45	8.15	8.20	6.15	6.80	8.25	8.70	6.50	8.10	8.75	6.90	7.75	8.85	7.40	8.15	8.75	7.35	8.30	8.65	7.50	8.45	7.70	8.30	7.95	8.00	
16.0				4.25	4.80	6.50	6.55	4.50	5.20	6.60	7.00	4.85	6.45	7.05	5.30	6.10	7.15	5.75	6.50	7.05	5.70	6.65	7.00	5.85	6.75	6.05	6.60	6.30	6.30	
18.0								3.30	4.00	5.35	5.75	3.65	5.20	5.80	4.05	4.85	5.90	4.50	5.25	5.80	4.50	5.40	5.70	4.60	5.50	4.80	5.30	5.05	5.05	
20.0								2.30	3.00	4.35	4.75	2.70	4.25	4.80	3.10	3.90	4.95	3.55	4.25	4.80	3.50	4.45	4.75	3.65	4.55	3.85	4.35	4.10	4.05	
22.0												1.90	3.45	4.00	2.35	3.10	4.15	2.80	3.50	4.05	2.75	3.65	3.95	2.90	3.75	3.05	3.55	3.30	3.30	
24.0															1.70	2.50	3.50	2.15	2.85	3.40	2.15	3.00	3.30	2.25	3.10	2.45	2.95	2.70	2.70	
26.0															1.25	2.00	2.95	1.65	2.30	2.85	1.60	2.50	2.80	1.75	2.55	1.90	2.40	2.15	2.15	
28.0																		1.20	1.85	2.40	1.20	2.05	2.35	1.30	2.15	1.45	1.95	1.70	1.70	
30.0																		0.80	1.50	2.00		1.65	1.95	0.95	1.75	1.10	1.60	1.35	1.35	
32.0																						1.35	1.60		1.40		1.25	1.00	1.00	
34.0																						1.05	1.30		1.15		1.00			
36.0																									0.85					
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00	
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	36	-	40	30	42	48	
Telescoping conditions (%)																														
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	100
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100	
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	92	46	92	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	4	3	3	3	3	3	2	2	2

(Unit: Metric ton)

NS  
NA  
NB  
NC  
ND  
NE  
NF  
With SL jib  
Without SL jib

Specification NC4

Outriggers intermediately extended (4.2m) over side,  
with 15.3ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8	
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom		
2.5	55.00																													
3.0	55.00																													
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																							
4.0	50.65	53.80	35.00	48.90	49.85	35.00	25.40	46.00	46.00	35.00	28.00																			
4.5	40.40	41.95	33.30	38.85	39.70	35.00	23.70	38.80	40.10	35.00	26.30	37.00	35.00	25.30																
5.0	33.40	34.10	31.50	32.00	32.75	35.00	22.20	32.25	33.30	35.00	24.80	31.95	34.70	23.60																
6.0	24.35	24.35	25.40	23.10	23.80	26.05	19.80	23.35	24.30	26.15	22.30	23.85	25.95	20.90	24.35	25.50	22.50													
7.0	18.85	18.50	19.80	17.65	18.30	20.35	17.80	17.90	18.75	20.50	20.20	18.35	20.30	18.70	18.85	19.90	20.30	19.45	20.30	18.00										
8.0	15.05	14.65	16.00	13.95	14.60	16.55	16.20	14.20	15.00	16.65	17.10	14.60	16.45	16.90	15.10	16.10	17.30	15.65	16.50	17.00	15.65	16.30	15.00	15.75	13.00					
9.0	12.35	11.90	13.20	11.25	11.85	13.80	13.75	11.50	12.30	13.85	14.30	11.95	13.65	14.35	12.40	13.30	14.45	12.90	13.75	14.35	12.85	13.95	14.30	13.05	13.00	13.00	11.15	11.00		
10.0		9.85	11.15	9.25	9.85	11.70	11.70	9.50	10.25	11.75	12.15	9.90	11.55	12.20	10.35	11.25	12.30	10.85	11.65	12.20	10.80	11.85	12.20	10.95	11.95	11.15	11.00	10.40		
11.0		8.25	9.50	7.65	8.25	10.05	10.05	7.90	8.65	10.10	10.50	8.30	9.90	10.50	8.75	9.65	10.60	9.25	10.00	10.55	9.20	10.20	10.50	9.35	10.30	9.55	10.10	9.80	9.00	
12.0		7.00	8.20	6.40	6.95	8.70	8.75	6.65	7.35	8.75	9.15	7.05	8.55	9.20	7.45	8.30	9.25	7.95	8.70	9.20	7.90	8.90	9.20	8.05	8.95	8.25	8.80	8.50	8.50	
14.0				4.50	5.00	6.75	6.75	4.70	5.40	6.80	7.15	5.10	6.80	7.20	5.55	6.35	7.25	6.00	6.70	7.20	5.95	6.90	7.20	6.05	6.95	6.25	6.80	6.50	6.50	
16.0				3.10	3.65	5.30	5.30	3.30	4.00	5.40	5.75	3.70	5.20	5.80	4.10	4.95	5.85	4.60	5.30	5.75	4.55	5.45	5.75	4.65	5.55	4.85	5.40	5.10	5.10	
18.0								2.30	2.95	4.30	4.70	2.65	4.15	4.70	3.05	3.85	4.80	3.50	4.20	4.70	3.50	4.40	4.65	3.60	4.45	3.80	4.30	4.05	4.05	
20.0								1.45	2.15	3.45	3.85	1.85	3.35	3.90	2.25	3.00	3.95	2.65	3.35	3.85	2.65	3.55	3.85	2.75	3.65	2.95	3.45	3.20	3.20	
22.0												1.10	2.65	3.20	1.60	2.35	3.30	2.00	2.70	3.20	2.00	2.85	3.15	2.10	2.95	2.25	2.80	2.55	2.55	
24.0															0.95	1.80	2.80	1.50	2.15	2.65	1.45	2.30	2.60	1.55	2.40	1.75	2.25	2.00	2.00	
26.0																1.35	2.30	0.95	1.65	2.20	0.90	1.85	2.15	1.10	1.95	1.30	1.75	1.50	1.50	
28.0																			1.30	1.80		1.45	1.75		1.55	0.80	1.40	1.10	1.10	
30.0																				0.95	1.45		1.15	1.40		1.20		1.05		
32.0																						0.80	1.10		0.85					
34.0																							0.85							
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	15.65	16.30	15.00	15.75	13.00	13.00	11.00	10.40	9.00	
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	30	-	-	40	-	-	45	28	49	40	51	56	
Telescoping conditions (%)																														
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	46	92	92	92	92	100	
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	4	3	3	3	3	2	2	2	

(Unit: Metric ton)



**Specification ND1**

Outriggers fully extended (7.2m) 360° full range,  
with 7.4ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8			
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom							
2.5	55.00																															
3.0	55.00																															
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																									
4.0	54.85	54.30	35.00	53.90	50.00	35.00	25.40	46.00	46.00	35.00	28.00																					
4.5	48.15	47.60	33.30	47.20	47.75	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																		
5.0	42.80	42.25	31.50	41.85	42.40	35.00	22.20	42.05	42.70	35.00	24.80	40.40	35.00	23.60																		
6.0	34.85	34.25	28.60	33.85	34.40	32.30	19.80	34.05	34.70	35.00	22.30	34.40	35.00	20.90	31.50	30.00	22.50															
7.0	29.15	28.60	26.20	27.90	28.70	29.80	17.80	28.25	29.00	30.45	20.20	28.70	30.20	18.70	29.15	30.00	20.30	25.00	21.00	18.00												
8.0	22.55	24.00	23.70	21.15	21.90	24.40	16.20	21.45	22.50	24.55	18.50	22.00	24.30	16.90	22.65	23.80	18.40	23.30	21.00	17.00	20.00	16.30	15.00	16.00	13.00							
9.0	17.95	19.25	19.05	16.65	17.40	19.70	14.80	16.95	17.90	19.80	17.10	17.45	19.60	15.40	18.05	19.15	16.80	18.70	19.65	15.40	18.65	16.30	15.00	16.00	13.00	13.00	11.00					
10.0		15.75	15.70	13.50	14.20	16.35	13.70	13.75	14.65	16.45	15.90	14.20	16.25	14.20	14.80	15.85	15.40	15.40	16.30	14.10	15.35	16.30	15.00	15.50	13.00	13.00	11.00	10.40				
11.0		13.05	13.30	11.15	11.80	13.85	12.70	11.40	12.25	13.95	14.45	11.85	13.80	13.10	12.40	13.35	14.20	12.95	13.80	13.00	12.90	14.00	14.10	13.00	13.00	13.00	11.00	10.40	9.00			
12.0		11.00	11.35	9.30	9.95	11.90	11.80	9.50	10.35	12.05	12.45	9.95	11.85	12.20	10.45	11.45	12.70	11.00	11.90	12.00	11.00	12.10	12.45	11.15	12.25	11.35	11.00	10.40	9.00			
14.0				6.60	7.20	9.10	9.10	6.85	7.65	9.20	9.65	7.25	9.05	9.70	7.75	8.65	9.85	8.25	9.05	9.70	8.25	9.25	9.60	8.35	9.40	8.55	9.20	8.85	8.90			
16.0				4.75	5.35	7.20	7.20	5.00	5.75	7.25	7.70	5.40	7.10	7.75	5.85	6.75	7.85	6.35	7.15	7.75	6.35	7.30	7.65	6.45	7.45	6.65	7.25	6.95	6.95			
18.0								3.65	4.40	5.85	6.25	4.00	5.65	6.30	4.45	5.30	6.40	4.95	5.70	6.25	4.90	5.90	6.20	5.05	6.00	5.25	5.85	5.50	5.55			
20.0								2.60	3.30	4.75	5.15	3.00	4.60	5.20	3.40	4.25	5.35	3.90	4.65	5.20	3.85	4.80	5.15	4.00	4.90	4.20	4.75	4.45	4.45			
22.0												2.15	3.75	4.35	2.60	3.45	4.45	3.05	3.80	4.35	3.05	3.95	4.30	3.15	4.05	3.35	3.90	3.60	3.60			
24.0															1.90	2.75	3.75	2.40	3.10	3.60	2.35	3.25	3.55	2.45	3.35	2.65	3.20	2.90	2.90			
26.0															1.40	2.20	3.15	1.80	2.50	3.05	1.80	2.70	3.00	1.90	2.75	2.10	2.60	2.35	2.35			
28.0																		1.35	2.00	2.55	1.30	2.20	2.50	1.45	2.30	1.65	2.15	1.90	1.90			
30.0																		0.95	1.65	2.15	0.95	1.80	2.10	1.00	1.90	1.20	1.70	1.45	1.45			
32.0																							1.45	1.75		1.55	0.90	1.40	1.15	1.10		
34.0																							1.15	1.45		1.25		1.05	0.80	0.80		
36.0																									0.95		0.80					
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.60	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00			
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	37	25	39	45			
Telescoping conditions (%)																																
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	46	92	100	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	46	46	92	46	46	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	100		
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	100		
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	92	46	92	46	92	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	5	4	4	4	3	3	3	3	3	2	2	2		

(Unit: Metric ton)

NS  
NA  
NB  
NC  
ND  
NE  
NF  
With SL jib  
Without SL jib



Specification ND2

Outriggers intermediately extended (6.0m) over side,  
with 7.4ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8		
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom					
2.5	55.00																														
3.0	55.00																														
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																								
4.0	54.85	54.30	35.00	53.90	50.00	35.00	25.40	46.00	46.00	35.00	28.00																				
4.5	48.15	47.60	33.30	47.20	47.75	35.00	23.70	46.00	46.00	35.00	26.30	41.00	35.00	25.30																	
5.0	42.80	42.25	31.50	41.40	42.40	35.00	22.20	41.75	42.70	35.00	24.80	40.25	35.00	23.60																	
6.0	29.35	31.90	28.60	27.75	28.60	31.35	19.80	28.05	29.20	31.50	22.30	28.65	31.25	20.90	29.05	30.00	22.50														
7.0	21.65	22.95	22.80	20.30	21.05	23.50	17.80	20.60	21.55	23.60	20.20	21.10	23.40	18.70	21.70	22.95	20.30	22.40	21.00	18.00											
8.0	16.85	17.55	17.90	15.60	16.30	18.50	16.20	15.85	16.80	18.65	18.50	16.35	18.45	16.90	16.90	18.00	18.40	17.50	18.50	17.00	17.50	16.30	15.00	16.00	13.00						
9.0	13.50	13.90	14.50	12.35	13.00	15.10	14.80	12.60	13.50	15.20	15.75	13.05	15.00	15.40	13.60	14.60	15.90	14.20	15.10	15.40	14.10	15.30	15.00	14.30	13.00	13.00	11.00				
10.0		11.30	12.05	9.95	10.60	12.65	12.65	10.25	11.05	12.75	13.20	10.65	12.50	13.25	11.20	12.15	13.40	11.70	12.60	13.25	11.70	12.80	13.20	11.80	12.95	12.10	11.00	10.40			
11.0		9.35	10.15	8.15	8.75	10.70	10.75	8.40	9.20	10.80	11.25	8.85	10.60	11.35	9.35	10.25	11.45	9.85	10.70	11.35	9.80	10.90	11.25	9.95	11.00	10.20	10.80	10.40	9.00		
12.0		7.85	8.65	6.75	7.35	9.20	9.25	6.95	7.75	9.30	9.75	7.35	9.15	9.80	7.85	8.75	9.95	8.40	9.15	9.80	8.30	9.35	9.70	8.50	9.50	8.70	9.30	9.00	9.00		
14.0				4.60	5.20	7.00	7.05	4.85	5.60	7.10	7.50	5.25	6.90	7.60	5.70	6.60	7.70	6.20	7.00	7.60	6.20	7.15	7.50	6.30	7.25	6.50	7.10	6.80	6.80		
16.0				3.10	3.70	5.45	5.50	3.40	4.10	5.55	5.95	3.75	5.40	6.00	4.20	5.05	6.10	4.70	5.40	6.00	4.65	5.60	5.95	4.75	5.70	4.95	5.55	5.20	5.25		
18.0								2.30	2.95	4.40	4.80	2.65	4.25	4.85	3.10	3.90	4.95	3.55	4.30	4.85	3.50	4.45	4.75	3.65	4.55	3.85	4.35	4.10	4.10		
20.0								1.40	2.10	3.50	3.90	1.80	3.35	3.95	2.20	3.05	4.05	2.65	3.40	3.95	2.65	3.55	3.90	2.75	3.65	2.95	3.50	3.25	3.25		
22.0												1.10	2.85	3.25	1.55	2.35	3.35	2.00	2.70	3.25	1.95	2.85	3.20	2.05	2.95	2.25	2.80	2.50	2.55		
24.0															1.00	1.75	2.75	1.45	2.15	2.65	1.40	2.30	2.60	1.50	2.40	1.70	2.20	1.95	1.95		
26.0																1.30	2.30	0.95	1.65	2.20	0.95	1.85	2.10	1.00	1.90	1.25	1.75	1.45	1.45		
28.0																			1.25	1.80		1.40	1.70		1.50	0.85	1.35	1.05	1.10		
30.0																				0.90	1.45		1.05	1.35		1.15		1.00			
32.0																							0.80	1.05		0.85					
34.0																								0.80							
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	17.50	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00		
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	38	-	-	45	28	49	39	51	56		
Telescoping conditions (%)																															
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100		
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100		
4th boom	0	0	0	0	0	0	0	46	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	46	92	92	92	92	100		
5th boom	0	0	0	0	0	46	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	46	92	46	92	92	92	92	100		
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100		
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton		
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg		
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	4	3	3	3	3	2	2	2		

(Unit: Metric ton)



**Specification ND3**

Outriggers intermediately extended (5.0m) over side,  
with 7.4ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8					
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29					
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom		29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom										
2.5	55.00																																	
3.0	55.00																																	
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																											
4.0	50.30	53.95	35.00	47.90	49.25	35.00	25.40	44.25	45.80	35.00	28.00																							
4.5	38.65	42.45	33.30	36.85	37.85	35.00	23.70	36.35	37.80	35.00	26.30	34.55	35.00	25.30																				
5.0	31.10	33.30	31.50	29.50	30.35	33.15	22.20	29.80	30.95	33.35	24.80	29.30	32.35	23.60																				
6.0	21.90	22.65	23.00	20.45	21.25	23.65	19.80	20.75	21.80	23.80	22.30	21.30	23.55	20.90	21.75	23.10	22.50																	
7.0	16.40	16.70	17.45	15.20	15.90	18.10	17.80	15.45	16.35	18.20	18.70	15.95	18.00	18.70	16.50	17.55	18.95	17.10	18.05	18.00														
8.0	12.85	12.90	13.85	11.70	12.35	14.40	14.45	11.95	12.80	14.50	15.00	12.40	14.30	15.10	12.90	13.90	15.20	13.50	14.40	15.10	13.45	14.60	15.00	13.60	13.00									
9.0	10.30	10.25	11.25	9.20	9.80	11.80	11.85	9.45	10.30	11.95	12.40	9.90	11.75	12.45	10.40	11.35	12.55	10.95	11.80	12.45	10.90	12.00	12.35	11.05	12.10	11.20	11.00							
10.0		8.30	9.35	7.40	8.00	9.85	9.90	7.60	8.40	9.95	10.40	8.00	9.80	10.50	8.50	9.45	10.60	9.00	9.85	10.50	9.00	10.05	10.40	9.15	10.15	9.35	10.00	9.65						
11.0		6.80	7.85	5.95	6.55	8.35	8.40	6.15	6.95	8.50	8.90	6.55	8.30	9.00	7.05	7.95	9.10	7.55	8.35	9.00	7.50	8.50	8.90	7.65	8.65	7.85	8.45	8.15	8.15					
12.0		5.65	6.65	4.80	5.35	7.20	7.20	5.00	5.80	7.30	7.70	5.45	7.10	7.75	5.90	6.75	7.85	6.40	7.15	7.75	6.35	7.35	7.70	6.45	7.45	6.70	7.25	6.95	7.00					
14.0				3.10	3.65	5.40	5.40	3.30	4.05	5.50	5.90	3.70	5.30	5.95	4.15	5.00	6.05	4.65	5.35	5.90	4.60	5.55	5.85	4.70	5.65	4.90	5.50	5.20	5.20					
16.0				1.85	2.40	4.10	4.15	2.10	2.80	4.20	4.60	2.50	4.05	4.65	2.90	3.75	4.75	3.35	4.10	4.65	3.35	4.30	4.55	3.45	4.35	3.70	4.20	3.90	3.95					
18.0								1.20	1.85	3.25	3.65	1.55	3.10	3.70	2.00	2.80	3.80	2.45	3.15	3.70	2.40	3.30	3.60	2.50	3.40	2.75	3.25	2.95	2.95					
20.0									1.15	2.55	2.90		2.35	2.95	1.25	2.05	3.05	1.70	2.40	2.95	1.65	2.55	2.85	1.80	2.65	2.00	2.50	2.25	2.20					
22.0													1.80	2.35		1.45	2.45	1.15	1.80	2.35	1.10	1.95	2.25	1.20	2.05	1.40	1.95	1.65	1.65					
24.0																1.00	1.95		1.35	1.85		1.50	1.80		1.60		1.45	1.15						
26.0																	1.55		0.95	1.45		1.10	1.40		1.20		1.05							
28.0																				1.10		0.80	1.05		0.85									
30.0																					0.85		0.80											
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	17.10	18.05	17.30	13.45	14.60	15.00	13.60	13.00	11.20	11.00	9.65	8.15					
Min. boom angle (°)	-	-	-	-	-	-	-	23	-	-	-	34	-	-	37	-	-	40	26	-	50	34	25	55	40	58	50	59	63					
Telescoping conditions (%)																																		
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	46	92	100			
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	92	100			
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	92	92	100			
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	92	92	100			
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	46	92	46	92	46	92	46	92	92	100			
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton			
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg			
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2	2				

(Unit: Metric ton)

NS  
NA  
NB  
NC  
ND  
NE  
NF  
With SL jib  
Without SL jib

Specification ND4

Outriggers intermediately extended (4.2m) over side,  
with 7.4ton counterweight mounted to crane

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom	
2.5	55.00																												
3.0	55.00																												
3.5	48.65	49.45	35.00	43.70	45.00	35.00	27.30																						
4.0	36.55	39.15	35.00	34.85	35.75	35.00	25.40	32.65	34.05	35.00	28.00																		
4.5	28.95	30.25	30.20	27.40	28.25	31.00	23.70	27.20	28.50	31.10	26.30	26.10	29.00	25.30															
5.0	23.75	24.35	24.90	22.25	23.05	25.55	22.20	22.60	23.60	25.75	24.80	22.35	25.10	23.60															
6.0	17.00	17.05	18.05	15.75	16.45	18.65	18.70	16.00	16.90	18.80	19.30	16.50	18.60	19.40	16.85	18.15	19.55												
7.0	12.85	12.70	13.85	11.70	12.35	14.45	14.45	11.95	12.80	14.50	15.00	12.40	14.30	15.10	12.95	13.90	15.20	13.50	14.40	15.05									
8.0	10.10	9.80	11.00	8.95	9.55	11.55	11.55	9.20	10.00	11.65	12.10	9.60	11.45	12.20	10.10	11.05	12.30	10.65	11.50	12.20	10.65	11.70	12.10	10.75	11.75				
9.0	8.05	7.75	8.95	7.00	7.60	9.50	9.50	7.20	8.00	9.55	10.00	7.65	9.40	10.05	8.10	9.05	10.20	8.65	9.45	10.05	8.60	9.65	10.00	8.75	9.75	8.75	9.55		
10.0		6.25	7.40	5.50	6.10	7.90	7.95	5.75	6.45	8.00	8.40	6.10	7.85	8.45	6.60	7.45	8.60	7.05	7.85	8.50	7.05	8.05	8.40	7.20	8.15	7.40	8.00	7.65	
11.0		5.05	6.15	4.35	4.90	6.65	6.70	4.55	5.25	6.75	7.20	4.90	6.60	7.25	5.35	6.25	7.35	5.85	6.60	7.25	5.85	6.80	7.15	5.95	6.90	6.15	6.75	6.45	6.45
12.0		4.10	5.20	3.40	3.95	5.65	5.70	3.60	4.30	5.80	6.20	3.95	5.60	6.25	4.40	5.25	6.35	4.90	5.65	6.25	4.85	5.80	6.15	4.95	5.95	5.20	5.75	5.45	5.50
14.0				1.95	2.50	4.15	4.20	2.20	2.85	4.25	4.70	2.55	4.15	4.75	2.95	3.80	3.75	3.40	4.15	4.75	3.40	4.30	4.65	3.50	4.45	3.70	4.25	4.00	4.00
16.0				0.95	1.45	3.15	3.15	1.15	1.85	3.20	3.60	1.55	3.05	3.65	1.90	2.70	2.95	2.35	3.10	3.65	2.35	3.25	3.60	2.45	3.35	2.65	3.20	2.90	2.90
18.0									1.05	2.40	2.75		2.25	2.85	1.15	1.90	2.30	1.60	2.30	2.80	1.55	2.45	2.75	1.70	2.55	1.85	2.35	2.10	2.15
20.0										1.80	2.15		1.60	2.20		1.30	1.80		1.65	2.20		1.80	2.10		1.90		1.75	1.50	
22.0													1.10	1.65		0.80	1.35		1.15	1.65		1.30	1.60		1.40		1.25		
24.0																	1.20			1.25		0.90	1.20		1.00				
26.0																		1.10		0.90				0.85					
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	16.85	18.15	17.80	13.50	14.40	15.05	10.65	11.70	12.10	10.75	11.75	8.75	9.55	7.65	6.45
Min. boom angle (°)	—	—	—	—	—	—	—	36	25	—	—	46	—	—	48	35	—	51	39	26	58	44	38	62	50	64	58	65	68
Telescoping conditions (%)																													
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	3	2	2

(Unit: Metric ton)



**Specification NE1**

Outriggers fully extended (7.2m) 360° full range, without counterweight

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8	
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom	44.2m Boom	47.9m Boom	51.3m Boom					
2.5	55.00																													
3.0	55.00																													
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																							
4.0	50.55	49.95	35.00	49.55	50.00	35.00	25.40	46.00	46.00	35.00	28.00																			
4.5	44.35	43.70	33.30	43.35	43.85	35.00	23.70	43.50	44.20	35.00	26.30	41.00	35.00	25.30																
5.0	39.35	38.75	31.50	38.35	38.90	35.00	22.20	38.55	39.20	35.00	24.80	38.90	35.00	23.60																
6.0	29.30	31.35	28.60	27.45	28.45	31.70	19.80	27.85	29.20	31.90	22.30	28.55	31.55	20.90	28.60	30.00	22.50													
7.0	20.65	23.30	21.95	19.10	19.95	22.70	17.80	19.45	20.55	22.85	20.20	20.00	22.60	18.70	20.70	22.05	20.30	21.45	21.00	18.00										
8.0	15.50	17.20	16.65	14.10	14.90	17.40	16.20	14.40	15.45	17.55	18.10	14.95	17.30	16.90	15.60	16.80	18.35	16.30	17.35	17.00	16.25	16.30	15.00	16.00	13.00					
9.0	12.10	13.25	13.20	10.85	11.55	13.90	13.90	11.15	12.05	14.00	14.50	11.60	13.75	14.60	12.20	13.35	14.75	12.85	13.80	14.60	12.80	14.05	14.50	12.95	13.00	13.00	11.00			
10.0		10.50	10.75	8.50	9.20	11.35	11.40	8.80	9.70	11.45	12.00	9.25	11.30	12.05	9.80	10.85	12.20	10.40	11.30	12.05	10.35	11.55	11.95	10.50	11.70	10.80	11.00	10.40		
11.0		8.50	8.90	6.80	7.45	9.50	9.50	7.00	7.85	9.60	10.10	7.45	9.40	10.15	8.00	9.00	10.25	8.55	9.45	10.15	8.50	9.65	10.05	8.65	9.80	8.95	9.55	9.25	9.00	
12.0		6.95	7.45	5.45	6.05	8.05	8.05	5.65	6.50	8.15	8.65	6.10	7.95	8.70	6.60	7.60	8.80	7.15	8.00	8.70	7.15	8.20	8.60	7.25	8.35	7.50	8.15	7.80	7.80	
14.0				3.45	4.05	5.95	5.95	3.70	4.45	6.05	6.45	4.10	5.85	6.55	4.60	5.50	6.65	5.10	5.90	6.55	5.05	6.15	6.45	5.20	6.25	5.40	6.05	5.70	5.75	
16.0				2.05	2.65	4.50	4.50	2.35	3.10	4.60	5.00	2.70	4.40	5.05	3.20	4.05	5.20	3.70	4.45	5.05	3.65	4.65	5.00	3.75	4.75	4.00	4.55	4.30	4.30	
18.0								1.30	2.05	3.50	3.95	1.75	3.35	4.00	2.15	3.00	4.10	2.65	3.40	3.95	2.60	3.60	3.90	2.75	3.65	2.95	3.50	3.20	3.20	
20.0									1.30	2.70	3.10	0.95	2.55	3.15	1.40	2.25	3.30	1.85	2.60	3.15	1.85	2.80	3.10	1.95	2.90	2.15	2.70	2.40	2.45	
22.0													1.95	2.55		1.60	2.60	1.25	1.95	2.50	1.20	2.15	2.45	1.30	2.25	1.50	2.05	1.75	1.80	
24.0																1.10	2.10		1.45	1.95		1.60	1.90		1.70		1.55	1.25	1.30	
26.0																	1.65		1.00	1.55		1.20	1.50		1.30		1.10			
28.0																				1.20		0.80	1.15		0.90					
30.0																					0.90		0.80							
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	18.30	18.30	17.30	16.25	16.30	15.00	16.00	13.00	13.00	11.00	10.40	9.00	
Min. boom angle (°)	-	-	-	-	-	-	-	-	-	-	-	31	-	-	41	-	-	44	22	-	48	30	21	53	38	56	49	58	61	
Telescoping conditions (%)																														
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100	
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100	
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100	
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	46	92	92	46	92	46	92	100	
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2	

(Unit: Metric ton)

NS  
NA  
NB  
NC  
ND  
NE  
NF  
With SL jib  
Without SL jib

Specification NE2

Outriggers intermediately extended (6.0m) over side, without counterweight

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom		29.5m Boom			33.2m Boom		36.9m Boom		40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom				
2.5	55.00																												
3.0	55.00																												
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30																						
4.0	50.55	49.95	35.00	49.55	50.00	35.00	25.40	45.00	46.00	35.00	28.00																		
4.5	39.30	43.70	33.30	37.15	38.30	35.00	23.70	35.55	37.25	35.00	26.30	33.50	35.00	25.30															
5.0	30.25	34.80	31.50	28.40	29.40	32.75	22.20	28.80	30.15	32.90	24.80	27.70	31.15	23.60															
6.0	20.10	22.00	21.40	18.55	19.40	22.15	19.80	18.90	20.00	22.30	22.30	19.45	22.05	20.90	19.75	21.45	22.50												
7.0	14.60	15.50	15.70	13.20	13.95	16.35	16.45	13.45	14.45	16.50	17.10	14.00	16.25	17.20	14.60	15.80	17.35	15.30	16.30	17.15									
8.0	11.05	11.55	12.10	9.80	10.45	12.70	12.80	10.05	11.00	12.85	13.40	10.55	12.65	13.45	11.10	12.20	13.60	11.70	12.70	13.45	11.70	12.95	13.35	11.85	13.00				
9.0	8.60	8.90	9.60	7.45	8.10	10.20	10.25	7.70	8.55	10.30	10.80	8.15	10.15	10.90	8.70	9.75	11.05	9.25	10.15	10.90	9.25	10.40	10.80	9.40	10.50	9.50	10.30		
10.0		7.00	7.80	5.75	6.40	8.40	8.40	5.95	6.80	8.45	8.95	6.40	8.30	9.05	6.90	7.90	9.15	7.50	8.35	9.05	7.40	8.55	8.95	7.55	8.70	7.80	8.45	8.15	
11.0		5.60	6.45	4.40	5.05	7.00	7.00	4.65	5.45	7.10	7.50	5.10	6.90	7.60	5.60	6.55	7.70	6.10	6.95	7.60	6.10	7.15	7.50	6.20	7.25	6.45	7.05	6.75	6.75
12.0		4.50	5.35	3.40	4.00	5.85	5.90	3.60	4.40	5.95	6.40	4.05	5.80	6.45	4.50	5.40	6.60	5.05	5.85	6.45	5.00	6.00	6.40	5.15	6.15	5.35	5.95	5.65	5.65
14.0				1.85	2.40	4.25	4.25	2.10	2.85	4.35	4.75	2.50	4.15	4.85	2.95	3.85	4.95	3.45	4.25	4.85	3.45	4.40	4.75	3.55	4.50	3.75	4.30	4.00	4.05
16.0				0.80	1.35	3.10	3.15	1.05	1.75	3.20	3.60	1.40	3.05	3.65	1.85	2.70	3.80	2.35	3.05	3.65	2.30	3.25	3.55	2.40	3.40	2.65	3.20	2.90	2.90
18.0									0.95	2.35	2.75		2.20	2.80	1.05	1.85	2.95	1.50	2.25	2.80	1.50	2.40	2.70	1.60	2.50	1.80	2.30	2.05	2.05
20.0										1.70	2.10		1.55	2.15		1.25	2.25		1.60	2.15		1.75	2.05		1.85		1.65	1.40	
22.0													1.00	1.60			1.75		1.05	1.60		1.25	1.55		1.35		1.20		
24.0																	1.30			1.20		0.80	1.10		0.90				
26.0																		0.95			0.80								
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	18.80	20.50	17.80	15.30	16.30	17.15	11.70	12.95	13.35	11.85	13.00	9.50	10.30	8.15	6.75
Min. boom angle (°)	—	—	—	—	—	—	—	36	24	—	—	46	—	—	49	41	—	52	39	26	58	45	45	62	51	64	58	65	68
Telescoping conditions (%)																													
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	92	46	92	92	100
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2

(Unit: Metric ton)



**Specification NE3**

Outriggers intermediately extended (5.0m) over side, without counterweight

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom		36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom		
2.5	55.00																												
3.0	55.00																												
3.5	49.10	48.65	35.00	41.85	43.40	35.00	27.30																						
4.0	34.65	36.75	35.00	32.20	33.55	35.00	25.40	29.70	31.30	34.65	28.00																		
4.5	26.35	29.05	27.75	24.55	25.50	28.65	23.70	24.05	25.50	28.55	26.30	22.95	26.25	25.30															
5.0	20.95	22.50	22.25	19.35	20.20	23.05	22.20	19.70	20.80	23.20	23.85	19.25	22.30	23.60															
6.0	14.35	14.95	15.50	12.95	13.70	16.15	16.25	13.25	14.25	16.30	16.85	13.80	16.10	16.95	14.05	15.55	17.10												
7.0	10.45	10.65	11.50	9.20	9.90	12.10	12.20	9.45	10.40	12.25	12.75	9.95	12.05	12.85	10.55	11.60	13.00	11.05	12.05	12.85									
8.0	7.90	7.95	8.90	6.75	7.40	9.45	9.50	7.00	7.85	9.55	10.05	7.45	9.35	10.15	8.00	9.00	10.25	8.55	9.40	10.15	8.45	9.65	10.05	8.55	9.65				
9.0	6.10	6.05	7.05	4.95	5.60	7.60	7.60	5.20	6.05	7.70	8.15	5.65	7.55	8.25	6.15	7.10	8.35	6.70	7.55	8.25	6.65	7.75	8.15	6.80	7.90	6.80	7.65		
10.0		4.65	5.65	3.70	4.30	6.20	6.20	3.90	4.70	6.25	6.70	4.35	6.10	6.80	4.85	5.75	6.90	5.35	6.15	6.80	5.30	6.35	6.75	5.45	6.45	5.60	6.25	6.00	
11.0		3.60	4.60	2.70	3.25	5.10	5.15	2.90	3.65	5.20	5.65	3.30	5.05	5.70	3.75	4.65	5.80	4.25	5.05	5.70	4.25	5.25	5.60	4.35	5.35	4.60	5.20	4.85	4.90
12.0		2.80	3.75	1.90	2.45	4.20	4.25	2.10	2.80	4.35	4.75	2.45	4.20	4.80	2.95	3.80	4.95	3.45	4.20	4.80	3.40	4.40	4.75	3.50	4.50	3.75	4.30	4.05	4.00
14.0					1.20	2.95	2.95		1.60	3.05	3.45		2.90	3.50	1.70	2.55	3.60	2.20	2.95	3.50	2.15	3.10	3.45	2.25	3.20	2.50	3.00	2.75	2.75
16.0						2.00	2.05			2.15	2.55		2.00	2.60		1.65	2.65		2.00	2.55		2.20	2.50		2.30		2.10		
18.0										1.45	1.85		1.25	1.90		0.95	1.95		1.30	1.85		1.50	1.80		1.60				
20.0										0.90	1.30			1.35			1.40			1.30		0.95	1.25						
22.0														0.90			1.00			0.90			0.85						
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	19.50	22.20	17.80	14.05	15.55	17.10	11.05	12.05	12.85	8.45	9.65	10.05	8.55	9.65	6.80	7.65	6.00	4.90
Min. boom angle (°)	-	-	-	35	27	-	-	50	39	-	-	57	38	-	58	49	27	60	51	41	65	55	51	68	60	70	65	71	73
Telescoping conditions (%)																													
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2

(Unit: Metric ton)

NS  
NA  
NB  
NC  
ND  
NE  
NF  
With SL jib  
Without SL jib

Specification NE4

Outriggers intermediately extended (4.2m) over side, without counterweight

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Working radius (m)	11.1m Boom	14.8m Boom	18.5m Boom				22.1m Boom				25.8m Boom			29.5m Boom			33.2m Boom			36.9m Boom			40.5m Boom		44.2m Boom		47.9m Boom	51.3m Boom	
2.5	55.00																												
3.0	48.30																												
3.5	32.75	32.80	34.40	28.50	29.80	33.80	27.30																						
4.0	24.30	25.60	25.70	22.40	23.50	26.50	25.40	20.90	22.30	25.20	26.10																		
4.5	18.95	19.85	20.20	17.40	18.25	20.95	21.05	17.05	18.35	21.10	21.75	16.50	19.45	20.65															
5.0	15.30	15.75	16.45	13.85	14.65	17.15	17.20	14.15	15.20	17.25	17.85	13.85	16.65	17.80															
6.0	10.60	10.60	11.65	9.30	10.05	12.25	12.30	9.55	10.50	12.35	12.90	10.05	12.15	12.95	10.20	11.60	13.15												
7.0	7.70	7.55	8.65	6.50	7.15	9.20	9.25	6.75	7.60	9.35	9.85	7.20	9.15	9.90	7.75	8.75	10.05	8.05	9.20	9.90									
8.0	5.70	5.55	6.65	4.60	5.25	7.20	7.25	4.85	5.65	7.30	7.75	5.25	7.10	7.80	5.75	6.75	7.95	6.30	7.15	7.80	6.05	7.40	7.75	6.20	7.25				
9.0	4.25	4.10	5.20	3.25	3.85	5.70	5.75	3.45	4.25	5.85	6.30	3.85	5.65	6.35	4.35	5.25	6.45	4.85	5.70	6.35	4.75	5.90	6.25	4.95	6.00	4.85	5.65		
10.0		3.05	4.10	2.20	2.75	4.60	4.60	2.40	3.20	4.70	5.15	2.85	4.55	5.20	3.30	4.20	5.30	3.80	4.60	5.20	3.75	4.75	5.10	3.90	4.90	3.90	4.70	4.30	
11.0		2.20	3.20	1.40	1.95	3.75	3.75		2.35	3.85	4.25		3.65	4.30	2.45	3.30	4.40	2.95	3.70	4.30	2.90	3.90	4.25	3.05	4.00	3.10	3.85	3.50	3.45
12.0		1.35	2.50		1.30	3.05	3.05		1.70	3.10	3.50		2.95	3.55		2.65	3.70	2.25	3.00	3.55		3.20	3.55		3.30		3.10	2.85	
14.0						2.00	2.00			2.05	2.45		1.90	2.50		1.60	2.60		1.95	2.50		2.15	2.45		2.20		2.05		
16.0						1.20	1.25			1.30	1.70		1.15	1.70			1.85			1.70			1.65						
18.0											1.10			1.15			1.25			1.15			1.10						
20.0																	0.85												
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30	16.50	19.45	17.80	10.20	11.60	13.15	8.05	9.20	9.90	6.05	7.40	7.75	6.20	7.25	4.85	5.65	4.30	3.45
Min. boom angle (°)	—	—	—	48	40	—	—	58	52	34	—	64	43	30	65	58	41	67	60	52	71	63	59	73	66	74	70	75	77
Telescoping conditions (%)																													
2nd boom	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	
3rd boom	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100
4th boom	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100
5th boom	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	92	46	92	92	92	92	100
6th boom	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg	630kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2

(Unit: Metric ton)



**Specification NE5**

Outriggers completely retracted (2.52m) over side, without counterweight

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11
Working radius (m)	11.1m Boom	14.8m Boom		18.5m Boom				22.1m Boom			
2.5	23.60										
3.0	17.90										
3.5	13.55	11.10	13.60	9.00	9.95	12.85	12.95				
4.0	10.50	8.85	11.20	7.05	7.95	10.75	10.80	6.45	7.55	9.85	10.50
4.5	8.30	7.10	9.20	5.55	6.40	9.10	9.15	5.10	6.15	8.35	9.00
5.0	6.70	5.70	7.50	4.35	5.20	7.75	7.85	4.05	5.05	7.15	7.80
6.0	4.40	3.65	5.25		3.30	5.65	5.70		3.35	5.35	5.95
7.0	2.90	2.25	3.75			4.15	4.20			4.05	4.60
8.0	1.85		2.65			3.10	3.15			3.05	3.50
9.0	1.00		1.85			2.30	2.35			2.25	2.70
10.0			1.20			1.70	1.70			1.65	2.10
11.0						1.20	1.20				1.60
12.0											1.20
Maximum lifting capacity without lock pin	23.60	11.10	13.60	9.00	9.95	12.85	12.95	6.45	7.55	9.85	10.50
Min. boom angle (°)	—	55	30	69	65	44	44	74	70	57	51
Telescoping conditions (%)											
2nd boom	0	46	0	92	46	0	0	92	46	0	0
3rd boom	0	0	0	0	46	0	0	46	46	0	0
4th boom	0	0	0	0	0	0	0	0	46	46	0
5th boom	0	0	0	0	0	46	0	0	0	46	46
6th boom	0	0	46	0	0	46	92	0	0	46	92
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6

(Unit: Metric ton)

NS

NA

NB

NC

ND

NE

NF

With SL jib

Without SL jib



**Specification NF1**

Outriggers fully extended (7.2m) 360° full range,  
with counterweight stowed in front or rear position on carrier

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11
Working radius (m)	11.1m Boom	14.8m Boom		18.5m Boom				22.1m Boom			
2.5	55.00										
3.0	55.00										
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30				
4.0	50.55	49.95	35.00	49.55	50.00	35.00	25.40	46.00	46.00	35.00	28.00
4.5	44.35	43.70	33.30	43.35	43.85	35.00	23.70	43.50	44.20	35.00	26.30
5.0	39.35	38.75	31.50	38.35	38.90	35.00	22.20	38.55	39.20	35.00	24.80
6.0	31.95	31.25	28.60	30.50	31.50	32.30	19.80	29.30	30.70	33.25	22.30
7.0	23.35	22.40	24.60	21.75	22.60	25.15	17.80	22.00	23.05	25.30	20.20
8.0	17.95	17.00	19.00	16.45	17.20	19.50	16.20	16.70	17.65	19.65	18.50
9.0	14.35	13.45	15.30	12.90	13.60	15.75	14.80	13.15	14.00	15.85	16.35
10.0		10.90	12.60	10.35	11.05	13.05	13.15	10.60	11.40	13.15	13.60
11.0		8.95	10.60	8.45	9.10	11.05	11.15	8.65	9.45	11.15	11.55
12.0		7.50	9.05	7.00	7.60	9.45	9.55	7.15	7.95	9.55	9.95
14.0				4.85	5.40	7.20	7.25	5.00	5.75	7.25	7.65
16.0				3.25	3.95	5.65	5.65	3.45	4.20	5.65	6.05
18.0								2.15	3.05	4.50	4.90
20.0								1.20	2.10	3.65	4.05
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30
Min. boom angle (°)	—	—	—	—	—	—	—	—	—	—	—
Telescoping conditions (%)											
2nd boom	0	46	0	92	46	0	0	92	46	0	0
3rd boom	0	0	0	0	46	0	0	46	46	0	0
4th boom	0	0	0	0	0	0	0	0	46	46	0
5th boom	0	0	0	0	0	46	0	0	0	46	46
6th boom	0	0	46	0	0	46	92	0	0	46	92
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6

(Unit: Metric ton)

**Specification NF2**

Outriggers intermediately extended (6.0m) over side,  
with counterweight stowed in front or rear position on carrier

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11
Working radius (m)	11.1m Boom	14.8m Boom		18.5m Boom				22.1m Boom			
2.5	55.00										
3.0	55.00										
3.5	55.00	55.00	35.00	55.00	50.00	35.00	27.30				
4.0	50.55	49.95	35.00	49.55	50.00	35.00	25.40	46.00	46.00	35.00	28.00
4.5	44.35	43.70	33.30	42.55	43.85	35.00	23.70	39.30	41.00	35.00	26.30
5.0	39.35	38.25	31.50	34.40	35.75	35.00	22.20	32.20	33.75	35.00	24.80
6.0	25.45	24.35	26.85	23.65	24.60	27.45	19.80	23.00	24.40	27.40	22.30
7.0	18.20	17.25	19.40	16.65	17.45	19.95	17.80	16.95	17.95	20.10	20.20
8.0	13.85	13.00	14.90	12.40	13.15	15.40	15.55	12.65	13.55	15.50	16.00
9.0	10.95	10.10	11.85	9.55	10.25	12.35	12.45	9.80	10.65	12.45	12.90
10.0		8.05	9.70	7.55	8.15	10.15	10.25	7.75	8.55	10.25	10.65
11.0		6.50	8.10	6.00	6.60	8.50	8.60	6.20	6.95	8.60	9.00
12.0		5.30	6.80	4.80	5.40	7.20	7.30	5.00	5.75	7.30	7.70
14.0				3.10	3.65	5.35	5.40	3.25	3.95	5.40	5.80
16.0				1.70	2.45	4.10	4.15	1.90	2.70	4.15	4.50
18.0									1.70	3.20	3.55
20.0									0.90	2.50	2.85
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30
Min. boom angle (°)	—	—	—	—	—	—	—	29	—	—	—
Telescoping conditions (%)											
2nd boom	0	46	0	92	46	0	0	92	46	0	0
3rd boom	0	0	0	0	46	0	0	46	46	0	0
4th boom	0	0	0	0	0	0	0	0	46	46	0
5th boom	0	0	0	0	0	46	0	0	0	46	46
6th boom	0	0	46	0	0	46	92	0	0	46	92
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6

(Unit: Metric ton)



**Specification NF3**

Outriggers intermediately extended (5.0m) over side,  
with counterweight stowed in front or rear position on carrier

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11
Working radius (m)	11.1m Boom	14.8m Boom		18.5m Boom				22.1m Boom			
2.5	55.00										
3.0	55.00										
3.5	55.00	53.35	35.00	46.10	47.65	35.00	27.30				
4.0	45.15	40.50	35.00	35.55	36.95	35.00	25.40	32.80	34.40	35.00	28.00
4.5	33.25	31.95	33.30	28.55	29.80	33.60	23.70	26.70	28.15	31.25	26.30
5.0	26.00	24.85	27.30	23.55	24.70	28.00	22.20	22.20	23.55	26.45	24.80
6.0	17.55	16.60	18.65	16.00	16.80	19.25	19.40	16.10	17.25	19.30	19.90
7.0	12.85	12.00	13.80	11.45	12.15	14.35	14.45	11.65	12.55	14.40	14.95
8.0	9.85	9.00	10.70	8.50	9.15	11.20	11.30	8.75	9.55	11.25	11.75
9.0	7.75	6.95	8.55	6.50	7.10	9.00	9.10	6.70	7.45	9.05	9.50
10.0		5.45	6.95	5.00	5.60	7.40	7.50	5.20	5.90	7.45	7.90
11.0		4.30	5.75	3.85	4.40	6.20	6.25	4.05	4.75	6.20	6.65
12.0		3.40	4.80	2.95	3.50	5.20	5.25	3.10	3.80	5.25	5.65
14.0				1.40	2.15	3.80	3.85	1.60	2.45	3.80	4.20
16.0					0.95	2.80	2.85		1.30	2.80	3.20
18.0										2.10	2.45
20.0										1.55	1.90
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30
Min. boom angle (°)	—	—	—	29	—	—	—	44	35	—	—
Telescoping conditions (%)											
2nd boom	0	46	0	92	46	0	0	92	46	0	0
3rd boom	0	0	0	0	46	0	0	46	46	0	0
4th boom	0	0	0	0	0	0	0	0	46	46	0
5th boom	0	0	0	0	0	46	0	0	0	46	46
6th boom	0	0	46	0	0	46	92	0	0	46	92
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6

(Unit: Metric ton)

**Specification NF4**

Outriggers intermediately extended (4.2m) over side,  
with counterweight stowed in front or rear position on carrier

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11
Working radius (m)	11.1m Boom	14.8m Boom		18.5m Boom				22.1m Boom			
2.5	55.00										
3.0	55.00										
3.5	41.55	36.05	35.00	31.45	32.75	35.00	27.30				
4.0	29.90	28.25	31.35	24.90	26.05	29.70	25.40	23.20	24.60	27.55	28.00
4.5	22.95	21.90	24.25	20.25	21.35	24.70	23.70	19.05	20.35	23.10	23.90
5.0	18.40	17.45	19.55	16.80	17.65	20.15	20.35	15.95	17.15	19.75	20.50
6.0	12.75	11.90	13.70	11.35	12.05	14.25	14.40	11.55	12.45	14.30	14.85
7.0	9.40	8.60	10.25	8.10	8.75	10.75	10.85	8.30	9.10	10.80	11.30
8.0	7.15	6.40	7.95	5.90	6.55	8.40	8.50	6.10	6.85	8.45	8.90
9.0	5.60	4.85	6.30	4.35	4.95	6.75	6.85	4.55	5.30	6.80	7.25
10.0		3.65	5.10	3.20	3.80	5.50	5.60	3.40	4.10	5.55	5.95
11.0		2.75	4.15	2.30	2.90	4.55	4.60	2.50	3.20	4.60	5.00
12.0		2.00	3.40	1.40	2.15	3.80	3.85		2.45	3.80	4.20
14.0						2.65	2.70			2.70	3.05
16.0						1.90	1.90			1.85	2.25
18.0										1.20	1.65
20.0											1.15
Maximum lifting capacity without lock pin	25.50	22.50	25.50	20.40	22.00	24.50	18.30	19.90	21.60	23.40	18.30
Min. boom angle (°)	—	—	—	42	34	—	—	55	47	—	—
Telescoping conditions (%)											
2nd boom	0	46	0	92	46	0	0	92	46	0	0
3rd boom	0	0	0	0	46	0	0	46	46	0	0
4th boom	0	0	0	0	0	0	0	0	46	46	0
5th boom	0	0	0	0	0	46	0	0	0	46	46
6th boom	0	0	46	0	0	46	92	0	0	46	92
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6

(Unit: Metric ton)

NS

NA

NB

NC

ND

NE

NF

With SL jib

Without SL jib

**Specification NF5**

Outriggers completely retracted (2.52m) over side,  
with counterweight stowed in front or rear position on carrier

Based on ISO 4305 / Not exceed 75% of static tipping loads

Telescopic pattern	1	9	1	9	10	2	1	10	11	2	1
Boom configuration number	1	2	3	4	5	6	7	8	9	10	11
Working radius (m)	11.1m Boom	14.8m Boom		18.5m Boom				22.1m Boom			
2.5	25.70										
3.0	19.60										
3.5	14.90	12.40	14.90	10.20	11.15	14.05	14.15				
4.0	11.55	9.95	12.35	8.10	9.00	11.80	11.85	7.45	8.55	10.80	11.50
4.5	9.20	8.10	10.05	6.50	7.35	10.00	10.10	6.00	7.05	9.25	9.90
5.0	7.45	6.60	8.30	5.20	6.00	8.60	8.70	4.85	5.85	8.00	8.60
6.0	5.10	4.35	5.85	3.25	4.00	6.25	6.30		4.00	6.05	6.65
7.0	3.55	2.85	4.25		2.60	4.65	4.70		2.65	4.65	5.10
8.0	2.45	1.70	3.15			3.50	3.55			3.55	3.95
9.0	1.70		2.30			2.65	2.70			2.70	3.10
10.0			1.65			2.00	2.05			2.05	2.45
11.0			1.10			1.50	1.55			1.50	1.90
12.0						1.05	1.05				1.50
Maximum lifting capacity without lock pin	25.50	12.40	14.90	10.20	11.15	14.05	14.15	7.45	8.55	10.80	11.50
Min. boom angle (°)	—	51	—	66	63	39	38	72	68	54	46
Telescoping conditions (%)											
2nd boom	0	46	0	92	46	0	0	92	46	0	0
3rd boom	0	0	0	0	46	0	0	46	46	0	0
4th boom	0	0	0	0	0	0	0	0	46	46	0
5th boom	0	0	0	0	0	46	0	0	0	46	46
6th boom	0	0	46	0	0	46	92	0	0	46	92
Standard hook	for 55ton	for 55ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton	for 55ton	for 55ton	for 37ton	for 37ton
Hook mass	630kg	630kg	400kg	630kg	630kg	400kg	400kg	630kg	630kg	400kg	400kg
Parts of line	11	11	7	11	10	7	6	9	9	7	6

(Unit: Metric ton)

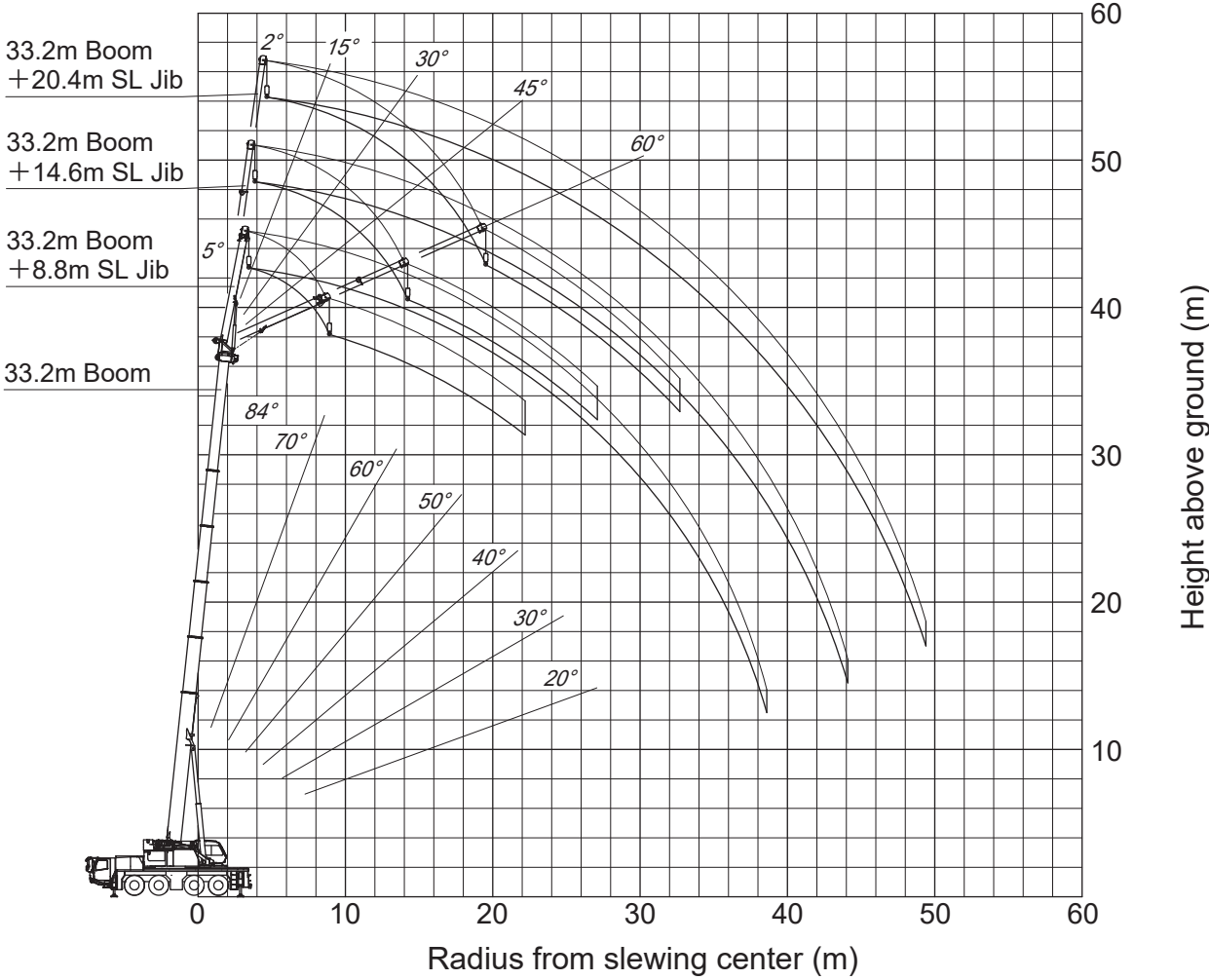
# Super Luffing Jib Lifting Capacity Chart

## [Working Ranges]

■ SL Jib Working Ranges (With 33.2 m Boom Length).....	88
■ SL Jib Working Ranges (With 40.5 m Boom Length).....	89
■ SL Jib Working Ranges (With 47.9 m Boom Length).....	90
■ SL Jib Working Ranges (With 51.3 m Boom Length).....	91

■ Specification SS.....	92
■ Specification SA.....	104
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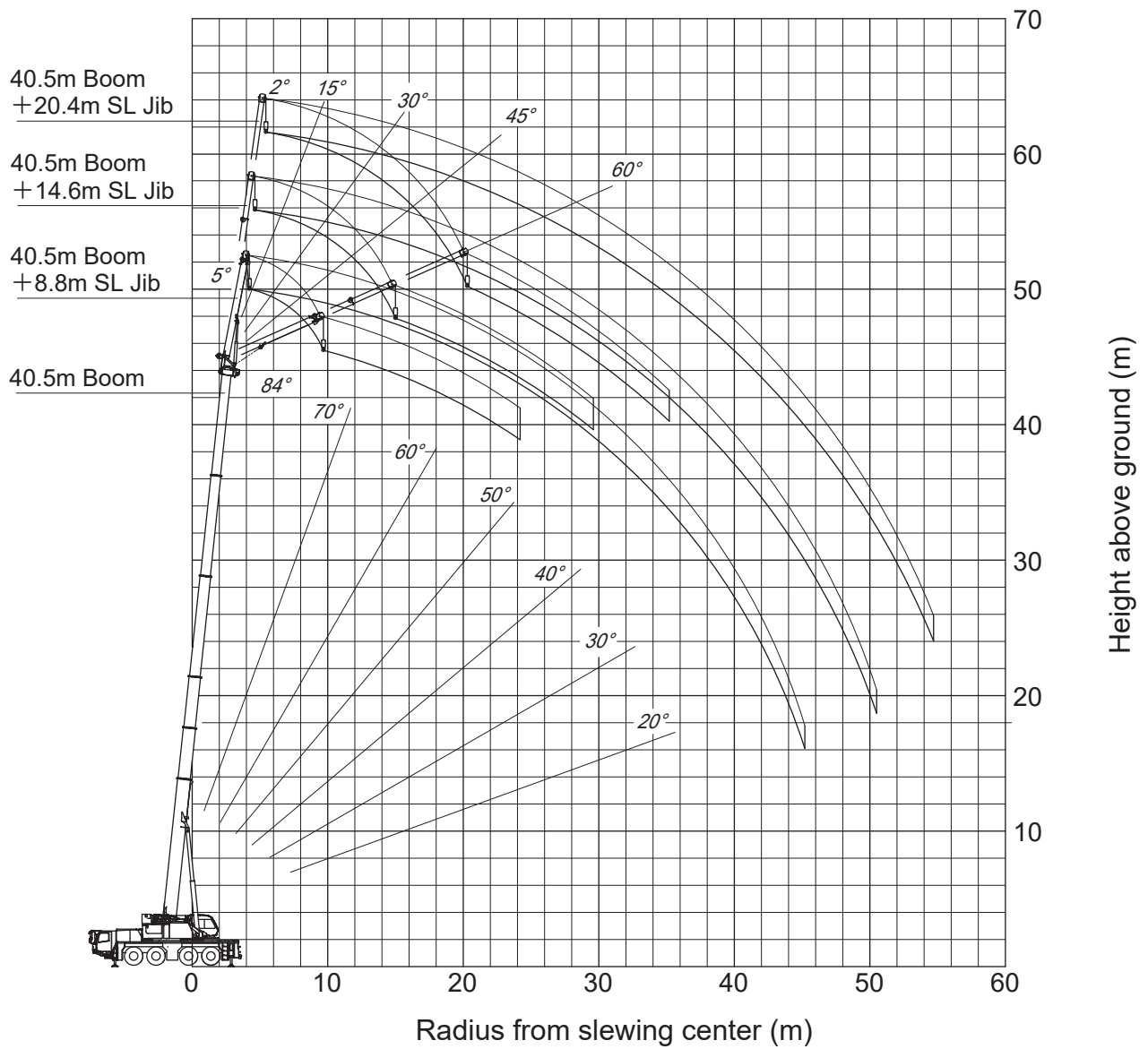
# Super Luffing Jib (SL Jib) Working Ranges (With 33.2 m Boom and 8.8 to 20.4 m SL Jib)



**Notes:**

1. This diagram does not include deflection of Boom and SL Jib.
2. This diagram shows the range for specification SS1.

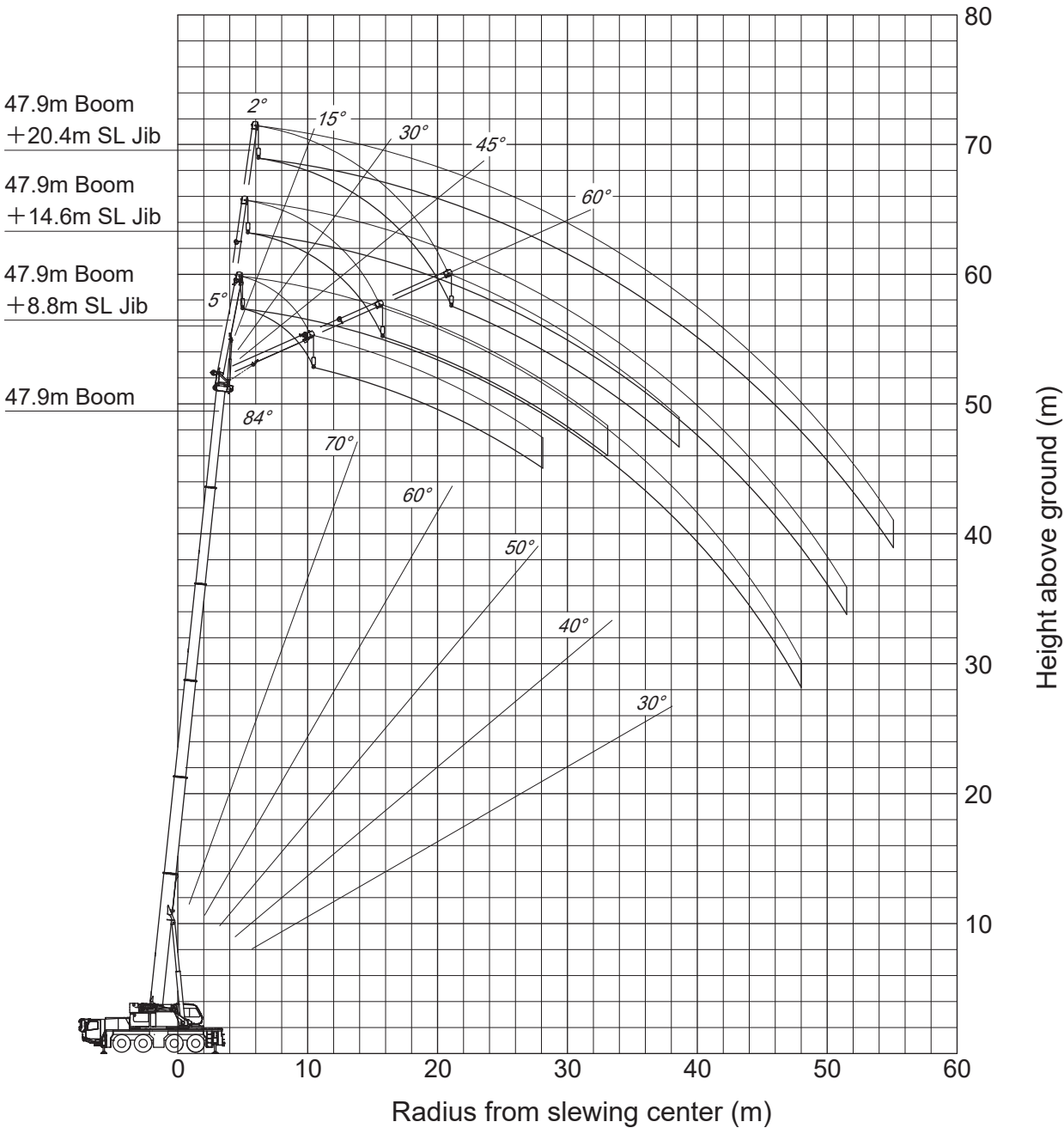
## Super Luffing Jib (SL Jib) Working Ranges (With 40.5 m Boom and 8.8 to 20.4 m SL Jib)



**Notes:**

1. This diagram does not include deflection of Boom and SL Jib.
2. This diagram shows the range for specification SS1.

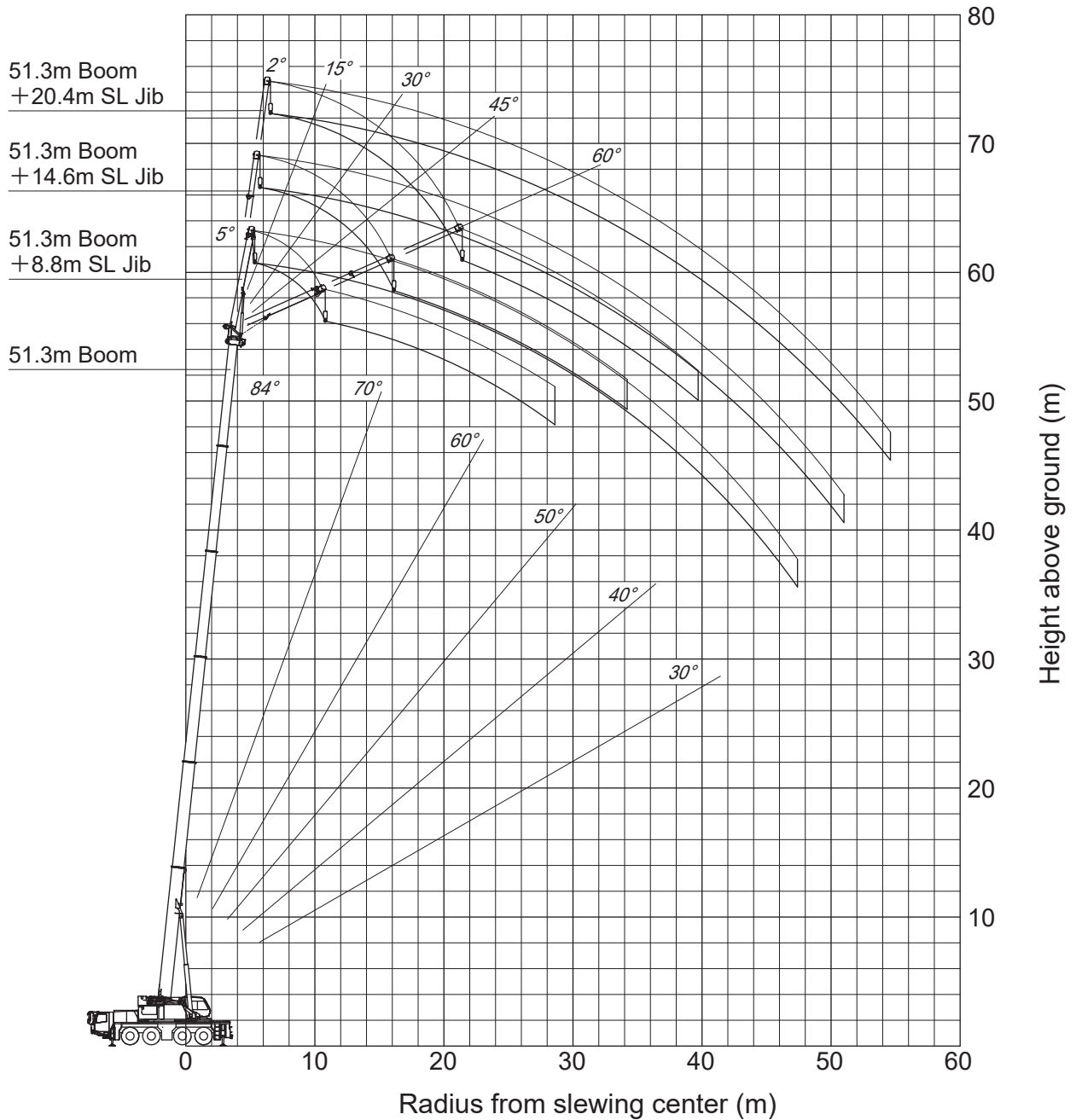
# Super Luffing Jib (SL Jib) Working Ranges (With 47.9 m Boom and 8.8 to 20.4 m SL Jib)



**Notes:**

1. This diagram does not include deflection of Boom and SL Jib.
2. This diagram shows the range for specification SS1.

## Super Luffing Jib (SL Jib) Working Ranges (With 51.3 m Boom and 8.8 to 20.4 m SL Jib)



**Notes:**

1. This diagram does not include deflection of Boom and SL Jib.
2. This diagram shows the range for specification SS1.



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SS1**

Outriggers fully extended (7.2m) 360° full range, with 29.8ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.55	15.7	4.75
72.0	13.3	5.60	14.5	5.60	16.1	5.60	17.1	5.45	17.5	4.70
70.0	14.8	5.60	15.9	5.60	17.4	5.60	18.4	5.35	18.7	4.70
67.0	16.9	5.60	18.0	5.60	19.4	5.60	20.2	5.25	20.5	4.70
65.0	18.3	5.60	19.4	5.60	20.7	5.60	21.5	5.20	21.6	4.70
64.0	19.0	5.60	20.1	5.60	21.4	5.60	22.0	5.15	22.2	4.65
62.0	20.4	5.60	21.4	5.60	22.6	5.55	23.1	5.10		
60.0	21.7	5.60	22.7	5.60	23.8	5.45	24.2	5.05		
57.0	23.6	5.60	24.5	5.55	25.5	5.30	25.8	5.05		
55.0	24.8	5.60	25.7	5.55	26.6	5.25	26.8	5.05		
52.0	26.6	5.60	27.3	5.35	28.1	5.10	28.2	5.05		
51.0	27.1	5.40	27.8	5.25	28.6	5.10	28.6	5.05		
50.0	27.6	5.20	28.3	5.05	29.1	4.85				
47.0	29.1	4.60	29.8	4.45	30.4	4.35				
45.0	30.1	4.25	30.7	4.15	31.2	4.10				
42.0	31.4	3.80	32.0	3.70	32.4	3.70				
40.0	32.3	3.55	32.8	3.50	33.2	3.45				
37.0	33.5	3.20	34.0	3.15	34.2	3.15				
35.0	34.3	3.00	34.7	2.95						
30.0	36.0	2.60	36.3	2.60						
25.0	37.4	2.25	37.6	2.25						
22.0	38.1	2.10	38.3	2.10						
20.0	38.6	2.00								
Min. boom angle(°)	18		20		35		49		62	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS2**

Outriggers intermediately extended (6.0m) over side, with 29.8ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	14.0	5.60	15.2	5.55
72.0	13.3	5.60	14.5	5.60	16.1	5.60	16.1	5.60	17.1	5.45
70.0	14.8	5.60	15.9	5.60	17.4	5.60	17.4	5.60	18.4	5.35
67.0	16.9	5.60	18.0	5.60	19.4	5.60	19.4	5.60	20.2	5.25
65.0	18.3	5.60	19.4	5.60	20.7	5.60	20.7	5.60	21.5	5.20
64.0	19.0	5.60	20.1	5.60	21.4	5.60	21.4	5.60	22.0	5.15
62.0	20.4	5.60	21.4	5.60	22.6	5.55	22.6	5.55	23.1	5.10
60.0	21.7	5.60	22.7	5.60	23.8	5.45	23.8	5.45	24.2	5.05
57.0	23.6	5.60	24.5	5.35	25.5	5.10	25.5	5.10	25.8	5.05
55.0	24.6	5.10	25.5	4.90	26.4	4.70	26.4	4.70	26.7	4.65
52.0	26.2	4.45	27.0	4.30	27.9	4.10	27.9	4.10	28.0	4.10
51.0	26.8	4.20	27.5	4.10	28.4	3.90	28.4	3.90		
50.0	27.3	4.00	28.0	3.90	28.8	3.75				
47.0	28.8	3.50	29.5	3.40	30.1	3.35				
45.0	29.8	3.20	30.4	3.10	31.0	3.05				
42.0	31.1	2.85	31.8	2.70	32.2	2.70				
40.0	32.0	2.60	32.6	2.50	33.0	2.50				
37.0	33.2	2.30	33.8	2.20	34.0	2.20				
35.0	34.0	2.10	34.5	2.05						
30.0	35.7	1.70	36.1	1.70						
25.0	37.2	1.45	37.5	1.40						
22.0	38.0	1.30	38.2	1.30						
20.0	38.4	1.25								
Min. boom angle(°)	18		20		35		49		62	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS3**

Outriggers intermediately extended (5.0m) over side, with 29.8ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.55	15.7	4.75
72.0	13.3	5.60	14.5	5.60	16.1	5.60	17.1	5.45	17.5	4.70
70.0	14.8	5.60	15.9	5.60	17.4	5.60	18.4	5.35	18.7	4.70
67.0	16.9	5.60	18.0	5.60	19.4	5.60	20.2	5.25	20.5	4.70
65.0	18.3	5.60	19.4	5.60	20.7	5.60	21.5	5.20	21.6	4.70
64.0	19.0	5.60	20.1	5.60	21.4	5.60	22.0	5.15	22.2	4.65
62.0	20.4	5.60	21.4	5.60	22.5	5.30	23.1	5.10		
60.0	21.5	5.40	22.5	5.05	23.6	4.75	24.2	4.65		
57.0	23.3	4.45	24.2	4.25	25.2	4.10	25.6	4.05		
55.0	24.4	4.00	25.3	3.85	26.2	3.70	26.5	3.65		
52.0	26.0	3.40	26.8	3.30	27.7	3.15	27.9	3.15		
51.0	26.5	3.25	27.3	3.15	28.2	3.00	28.3	3.00		
50.0	27.0	3.05	27.8	2.95	28.6	2.85				
47.0	28.5	2.60	29.2	2.55	29.9	2.45				
45.0	29.5	2.30	30.2	2.30	30.8	2.25				
42.0	30.9	1.95	31.5	1.90	32.0	1.90				
40.0	31.8	1.75	32.4	1.70	32.8	1.70				
37.0	33.0	1.50	33.6	1.45	33.8	1.45				
35.0	33.8	1.30	34.3	1.30						
30.0	35.6	0.90	36.0	0.90						
25.0	37.0	0.60	37.3	0.60						
23.0	37.5	0.50	37.8	0.50						
Min. boom angle(°)	22		22		35		49		62	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SS1**

Outriggers fully extended (7.2m) 360° full range, with 29.8ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.50	19.6	3.95	21.9	3.20	23.5	2.75	24.2	2.35
67.0	19.4	4.50	21.8	3.65	24.0	3.05	25.4	2.70	26.0	2.35
65.0	21.0	4.45	23.3	3.50	25.4	2.95	26.7	2.65	27.1	2.35
62.0	23.2	4.15	25.4	3.30	27.3	2.85	28.5	2.60		
60.0	24.6	3.95	26.8	3.15	28.6	2.80	29.6	2.60		
57.0	26.7	3.65	28.7	2.95	30.4	2.70	31.3	2.55		
55.0	28.1	3.45	30.0	2.85	31.6	2.65	32.3	2.55		
52.0	30.0	3.20	31.8	2.75	33.3	2.60	33.8	2.55		
51.0	30.7	3.15	32.4	2.70	33.8	2.60	34.3	2.50		
50.0	31.3	3.10	33.0	2.65	34.3	2.55				
47.0	33.1	2.95	34.7	2.60	35.8	2.55				
45.0	34.3	2.85	35.7	2.55	36.7	2.55				
42.0	35.8	2.70	37.2	2.45	38.1	2.45				
40.0	36.9	2.65	38.1	2.40	38.9	2.40				
37.0	38.3	2.55	39.4	2.35	40.1	2.20				
35.0	39.2	2.50	40.3	2.30						
30.0	41.2	2.15	42.1	2.00						
25.0	42.8	1.90	43.5	1.80						
22.0	43.6	1.75	44.3	1.70						
20.0	44.1	1.70								
Min. boom angle(°)	18		20		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS2**

Outriggers intermediately extended (6.0m) over side, with 29.8ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.50	19.6	3.95	21.9	3.20	23.5	2.75	24.2	2.35
67.0	19.4	4.50	21.8	3.65	24.0	3.05	25.4	2.70	26.0	2.35
65.0	21.0	4.45	23.3	3.50	25.4	2.95	26.7	2.65	27.1	2.35
62.0	23.2	4.15	25.4	3.30	27.3	2.85	28.5	2.60		
60.0	24.6	3.95	26.8	3.15	28.6	2.80	29.6	2.60		
57.0	26.7	3.65	28.7	2.95	30.4	2.70	31.3	2.55		
55.0	28.1	3.45	30.0	2.85	31.6	2.65	32.3	2.55		
52.0	30.0	3.20	31.8	2.75	33.3	2.60	33.8	2.55		
51.0	30.7	3.15	32.4	2.70	33.8	2.60	34.3	2.50		
50.0	31.3	3.10	33.0	2.65	34.3	2.55				
47.0	33.1	2.90	34.7	2.60	35.8	2.55				
45.0	34.3	2.65	35.7	2.55	36.7	2.45				
42.0	35.7	2.35	37.1	2.25	38.0	2.15				
40.0	36.7	2.15	38.0	2.05	38.7	2.00				
37.0	38.1	1.85	39.3	1.80	39.8	1.80				
35.0	39.0	1.70	40.1	1.65						
30.0	41.0	1.40	41.8	1.35						
25.0	42.6	1.15	43.2	1.15						
22.0	43.5	1.05	43.9	1.05						
20.0	44.0	0.95								
Min. boom angle(°)	18		20		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS3**

Outriggers intermediately extended (5.0m) over side, with 29.8ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.50	19.6	3.95	21.9	3.20	23.5	2.75	24.2	2.35
67.0	19.4	4.50	21.8	3.65	24.0	3.05	25.4	2.70	26.0	2.35
65.0	21.0	4.45	23.3	3.50	25.4	2.95	26.7	2.65	27.1	2.35
62.0	23.2	4.15	25.4	3.30	27.3	2.85	28.5	2.60		
60.0	24.6	3.95	26.8	3.15	28.6	2.80	29.6	2.60		
57.0	26.7	3.65	28.7	2.95	30.4	2.70	31.3	2.55		
55.0	28.1	3.30	30.0	2.85	31.6	2.65	32.3	2.55		
52.0	29.9	2.80	31.8	2.60	33.3	2.45	33.8	2.45		
51.0	30.5	2.65	32.4	2.45	33.7	2.35	34.3	2.30		
50.0	31.1	2.50	32.9	2.35	34.2	2.25				
47.0	32.8	2.10	34.5	2.00	35.6	1.90				
45.0	33.9	1.90	35.5	1.80	36.6	1.70				
42.0	35.5	1.60	37.0	1.50	37.8	1.50				
40.0	36.5	1.45	37.8	1.40	38.6	1.35				
37.0	37.9	1.20	39.1	1.15	39.6	1.15				
35.0	38.7	1.00	39.9	1.00						
30.0	40.7	0.65	41.6	0.65						
27.0	41.8	0.50	42.5	0.50						
Min. boom angle(°)	26		26		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SS1**

Outriggers fully extended (7.2m) 360° full range, with 29.8ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.4	2.95	25.9	2.30	29.0	1.85	31.0	1.60	31.6	1.40
65.0	24.1	2.90	27.5	2.15	30.5	1.75	32.3	1.55	32.7	1.40
62.0	26.7	2.65	29.9	2.05	32.6	1.70	34.1	1.55		
60.0	28.4	2.55	31.4	1.95	33.9	1.70	35.2	1.55		
57.0	30.7	2.30	33.5	1.85	35.8	1.65	36.9	1.55		
55.0	32.2	2.20	34.9	1.80	37.0	1.60	37.9	1.55		
52.0	34.4	2.05	36.9	1.70	38.8	1.60	39.5	1.55		
51.0	35.1	2.00	37.5	1.65	39.4	1.60	39.9	1.55		
50.0	35.7	1.95	38.1	1.60	39.9	1.60				
47.0	37.7	1.85	39.9	1.60	41.4	1.55				
45.0	39.0	1.80	41.0	1.55	42.4	1.55				
42.0	40.8	1.70	42.6	1.50	43.7	1.50				
40.0	41.9	1.65	43.6	1.45	44.6	1.45				
37.0	43.4	1.60	45.0	1.45	45.7	1.45				
35.0	44.4	1.55	45.9	1.45						
30.0	46.6	1.45	47.8	1.30						
25.0	48.4	1.40	49.5	1.15						
23.0	49.1	1.35	50.0	1.10						
22.0	49.4	1.35								
Min. boom angle(°)	20		21		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS2**

Outriggers intermediately extended (6.0m) over side, with 29.8ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.4	2.95	25.9	2.30	29.0	1.85	31.0	1.60	31.6	1.40
65.0	24.1	2.90	27.5	2.15	30.5	1.75	32.3	1.55	32.7	1.40
62.0	26.7	2.65	29.9	2.05	32.6	1.70	34.1	1.55		
60.0	28.4	2.55	31.4	1.95	33.9	1.70	35.2	1.55		
57.0	30.7	2.30	33.5	1.85	35.8	1.65	36.9	1.55		
55.0	32.2	2.20	34.9	1.80	37.0	1.60	37.9	1.55		
52.0	34.4	2.05	36.9	1.70	38.8	1.60	39.5	1.55		
51.0	35.1	2.00	37.5	1.65	39.4	1.60	39.9	1.55		
50.0	35.7	1.95	38.1	1.60	39.9	1.60				
47.0	37.7	1.85	39.9	1.60	41.4	1.55				
45.0	39.0	1.80	41.0	1.55	42.4	1.55				
42.0	40.8	1.70	42.6	1.50	43.7	1.50				
40.0	41.9	1.65	43.6	1.45	44.6	1.45				
37.0	43.4	1.60	45.0	1.45	45.7	1.45				
35.0	44.3	1.40	45.9	1.35						
30.0	46.5	1.15	47.6	1.10						
25.0	48.2	0.90	49.0	0.90						
23.0	48.9	0.85	49.4	0.85						
22.0	49.2	0.80								
Min. boom angle(°)	21		21		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS3**

Outriggers intermediately extended (5.0m) over side, with 29.8ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.4	2.95	25.9	2.30	29.0	1.85	31.0	1.60	31.6	1.40
65.0	24.1	2.90	27.5	2.15	30.5	1.75	32.3	1.55	32.7	1.40
62.0	26.7	2.65	29.9	2.05	32.6	1.70	34.1	1.55		
60.0	28.4	2.55	31.4	1.95	33.9	1.70	35.2	1.55		
57.0	30.7	2.30	33.5	1.85	35.8	1.65	36.9	1.55		
55.0	32.2	2.20	34.9	1.80	37.0	1.60	37.9	1.55		
52.0	34.4	2.05	36.9	1.70	38.8	1.60	39.5	1.55		
51.0	35.1	2.00	37.5	1.65	39.4	1.60	39.9	1.55		
50.0	35.7	1.95	38.1	1.60	39.9	1.60				
47.0	37.6	1.70	39.9	1.60	41.4	1.55				
45.0	38.8	1.55	41.0	1.45	42.3	1.40				
42.0	40.4	1.30	42.5	1.20	43.6	1.20				
40.0	41.5	1.10	43.4	1.10	44.4	1.10				
37.0	43.0	0.90	44.7	0.90	45.4	0.90				
35.0	43.9	0.75	45.5	0.75						
31.0	45.6	0.50	46.9	0.50						
30.0	46.0	0.50								
Min. boom angle(°)	29		30		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SS1**

Outriggers fully extended (7.2m) 360° full range, with 29.8ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.55	16.6	4.75
75.0	13.6	5.60	14.9	5.60	16.7	5.60	17.8	5.55	18.2	4.70
72.0	16.4	5.60	17.7	5.60	19.3	5.60	20.3	5.35	20.5	4.70
70.0	18.3	5.60	19.5	5.60	21.0	5.60	21.9	5.30	22.0	4.70
67.0	20.9	5.60	22.1	5.60	23.5	5.60	24.1	5.15	24.2	4.65
65.0	22.6	5.60	23.8	5.60	25.0	5.50	25.6	5.15		
62.0	25.0	5.45	26.0	5.30	27.0	5.05	27.7	4.85		
60.0	26.4	5.20	27.5	4.90	28.3	4.70	28.9	4.55		
57.0	28.5	4.60	29.5	4.35	30.3	4.20	30.7	4.10		
55.0	29.8	4.25	30.7	4.05	31.5	3.95	31.9	3.85		
53.0	31.1	3.75	32.0	3.60	32.7	3.55	33.0	3.55		
52.0	31.8	3.55	32.6	3.45	33.3	3.35				
50.0	33.0	3.20	33.8	3.10	34.5	3.05				
47.0	34.7	2.75	35.4	2.70	36.0	2.65				
45.0	35.8	2.50	36.5	2.45	37.0	2.40				
42.0	37.4	2.15	38.0	2.10	38.5	2.10				
40.0	38.4	1.95	39.0	1.90	39.3	1.90				
39.0	38.9	1.85	39.4	1.80	39.8	1.80				
35.0	40.7	1.55	41.1	1.50						
30.0	42.7	1.10	43.0	1.10						
25.0	44.4	0.80	44.5	0.80						
23.0	44.9	0.70	45.1	0.70						
22.0	45.2	0.65								
Min. boom angle (°)	20		21		37		50		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS2**

Outriggers intermediately extended (6.0m) over side, with 29.8ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.55	16.6	4.75
75.0	13.6	5.60	14.9	5.60	16.7	5.60	17.8	5.55	18.2	4.70
72.0	16.4	5.60	17.7	5.60	19.3	5.60	20.3	5.35	20.5	4.70
70.0	18.3	5.60	19.5	5.60	21.0	5.60	21.9	5.30	22.0	4.70
67.0	20.9	5.60	22.1	5.60	23.5	5.60	24.1	5.15	24.2	4.65
65.0	22.6	5.60	23.8	5.60	25.0	5.30	25.6	5.15		
62.0	24.7	4.95	25.7	4.70	26.8	4.45	27.5	4.30		
60.0	26.1	4.35	27.1	4.15	28.1	3.95	28.7	3.85		
57.0	28.1	3.60	29.1	3.40	29.9	3.35	30.4	3.30		
55.0	29.4	3.20	30.4	3.00	31.2	2.95	31.6	2.90		
53.0	30.7	2.80	31.6	2.70	32.4	2.60	32.7	2.60		
52.0	31.4	2.60	32.2	2.55	33.0	2.45				
50.0	32.6	2.30	33.4	2.20	34.1	2.15				
47.0	34.3	1.90	35.1	1.85	35.7	1.80				
45.0	35.4	1.65	36.2	1.60	36.7	1.55				
42.0	37.1	1.35	37.7	1.30	38.2	1.30				
40.0	38.1	1.10	38.6	1.10	39.0	1.10				
39.0	38.6	1.00	39.1	1.00	39.5	1.00				
35.0	40.4	0.65	40.8	0.65						
33.0	41.2	0.50	41.6	0.50						
Min. boom angle (°)	32		32		37		50		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS3**

Outriggers intermediately extended (5.0m) over side, with 29.8ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.55	16.6	4.75
75.0	13.6	5.60	14.9	5.60	16.7	5.60	17.8	5.55	18.2	4.70
72.0	16.4	5.60	17.7	5.60	19.3	5.60	20.3	5.35	20.5	4.70
70.0	18.3	5.60	19.5	5.60	21.0	5.60	21.9	5.30	22.0	4.70
67.0	20.9	5.60	22.0	5.25	23.2	4.90	24.0	4.75	24.2	4.65
65.0	22.4	4.75	23.4	4.55	24.5	4.30	25.2	4.15		
62.0	24.4	3.90	25.4	3.70	26.4	3.55	27.2	3.40		
60.0	25.7	3.40	26.8	3.20	27.7	3.10	28.4	3.00		
57.0	27.8	2.70	28.8	2.55	29.6	2.50	30.1	2.45		
55.0	29.1	2.30	30.0	2.25	30.9	2.15	31.3	2.15		
53.0	30.4	2.00	31.3	1.90	32.1	1.80	32.4	1.80		
52.0	31.0	1.85	31.9	1.75	32.7	1.70				
50.0	32.3	1.55	33.1	1.50	33.8	1.45				
47.0	34.0	1.10	34.8	1.10	35.4	1.10				
45.0	35.1	0.85	35.8	0.85	36.4	0.85				
42.0	36.6	0.50	37.4	0.50	37.9	0.50				
Min. boom angle (°)	41		41		41		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SS1**

Outriggers fully extended (7.2m) 360° full range, with 29.8ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.25	21.0	3.40	22.7	2.80	23.6	2.35
72.0	18.2	4.30	21.1	4.00	23.7	3.20	25.2	2.75	25.9	2.35
70.0	20.3	4.30	23.0	3.80	25.4	3.10	26.9	2.70	27.4	2.35
67.0	23.3	4.30	25.8	3.50	27.9	3.00	29.2	2.65	29.6	2.35
65.0	25.2	4.20	27.6	3.30	29.6	2.90	30.7	2.60		
62.0	28.0	3.85	30.1	3.10	31.9	2.80	32.9	2.55		
60.0	29.9	3.65	31.7	3.00	33.4	2.70	34.2	2.55		
57.0	32.3	3.40	34.1	2.80	35.6	2.65	36.2	2.55		
55.0	33.8	3.25	35.6	2.75	37.0	2.60	37.5	2.55		
53.0	35.3	3.10	37.0	2.70	38.3	2.55	38.7	2.55		
52.0	36.0	3.00	37.7	2.65	39.0	2.55				
50.0	37.3	2.70	39.0	2.55	40.2	2.50				
47.0	39.3	2.30	40.8	2.20	41.8	2.15				
45.0	40.5	2.05	41.9	2.00	42.8	1.95				
42.0	42.2	1.80	43.5	1.70	44.2	1.70				
40.0	43.3	1.60	44.5	1.55	45.1	1.55				
35.0	45.9	1.20	46.9	1.20						
30.0	48.1	0.85	48.8	0.85						
25.0	49.9	0.60	50.4	0.60						
24.0	50.2	0.55	50.7	0.55						
23.0	50.5	0.50								
Min. boom angle (°)	21		22		38		50		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS2**

Outriggers intermediately extended (6.0m) over side, with 29.8ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.25	21.0	3.40	22.7	2.80	23.6	2.35
72.0	18.2	4.30	21.1	4.00	23.7	3.20	25.2	2.75	25.9	2.35
70.0	20.3	4.30	23.0	3.80	25.4	3.10	26.9	2.70	27.4	2.35
67.0	23.3	4.30	25.8	3.50	27.9	3.00	29.2	2.65	29.6	2.35
65.0	25.2	4.20	27.6	3.30	29.6	2.90	30.7	2.60		
62.0	28.0	3.85	30.1	3.10	31.9	2.80	32.9	2.55		
60.0	29.9	3.55	31.7	3.00	33.4	2.70	34.2	2.55		
57.0	32.0	2.95	34.1	2.75	35.6	2.65	36.2	2.55		
55.0	33.4	2.65	35.3	2.45	36.8	2.35	37.5	2.30		
53.0	34.8	2.30	36.6	2.20	38.1	2.10	38.6	2.05		
52.0	35.5	2.20	37.3	2.05	38.7	1.95				
50.0	36.8	1.90	38.5	1.80	39.8	1.75				
47.0	38.7	1.55	40.3	1.50	41.4	1.45				
45.0	39.9	1.40	41.5	1.30	42.4	1.30				
42.0	41.7	1.05	43.1	1.05	43.9	1.05				
40.0	42.8	0.90	44.2	0.85	44.8	0.85				
36.0	45.0	0.55	46.0	0.55						
Min. boom angle (°)	35		35		38		50		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS3**

Outriggers intermediately extended (5.0m) over side, with 29.8ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.25	21.0	3.40	22.7	2.80	23.6	2.35
72.0	18.2	4.30	21.1	4.00	23.7	3.20	25.2	2.75	25.9	2.35
70.0	20.3	4.30	23.0	3.80	25.4	3.10	26.9	2.70	27.4	2.35
67.0	23.3	4.30	25.8	3.50	27.9	3.00	29.2	2.65	29.6	2.35
65.0	25.2	4.10	27.6	3.30	29.6	2.90	30.7	2.60		
62.0	27.7	3.25	30.1	2.90	31.9	2.75	32.9	2.55		
60.0	29.3	2.75	31.4	2.55	33.2	2.40	34.2	2.30		
57.0	31.6	2.20	33.6	2.05	35.2	1.95	36.0	1.90		
55.0	33.0	1.90	34.9	1.75	36.5	1.65	37.2	1.65		
53.0	34.4	1.65	36.3	1.50	37.8	1.45	38.3	1.45		
52.0	35.1	1.50	36.9	1.40	38.4	1.35				
50.0	36.4	1.25	38.2	1.15	39.5	1.10				
47.0	38.3	0.85	39.9	0.80	41.1	0.80				
45.0	39.5	0.60	41.0	0.60	42.1	0.60				
44.0	40.2	0.50	41.6	0.50	42.6	0.50				
Min. boom angle (°)	43		43		43		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SS1**

Outriggers fully extended (7.2m) 360° full range, with 29.8ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.70	25.2	2.40	28.4	1.90	30.6	1.60	31.5	1.40
70.0	22.9	2.70	27.2	2.30	30.3	1.85	32.3	1.60	33.0	1.40
67.0	26.4	2.70	30.1	2.15	32.9	1.75	34.7	1.55	35.2	1.40
65.0	28.5	2.65	31.9	2.10	34.6	1.70	36.2	1.55		
62.0	31.5	2.50	34.6	1.95	37.1	1.70	38.5	1.55		
60.0	33.4	2.35	36.3	1.85	38.7	1.65	39.9	1.55		
57.0	36.1	2.15	38.8	1.75	41.0	1.60	41.9	1.50		
55.0	37.9	2.10	40.4	1.70	42.4	1.60	43.2	1.50		
53.0	39.5	1.95	41.9	1.65	43.8	1.60	44.4	1.50		
52.0	40.3	1.90	42.6	1.60	44.4	1.55				
50.0	41.9	1.85	44.0	1.60	45.7	1.55				
47.0	44.2	1.75	46.0	1.55	47.4	1.55				
45.0	45.5	1.70	47.3	1.50	48.5	1.50				
42.0	47.4	1.50	49.1	1.45	50.1	1.40				
40.0	48.6	1.30	50.2	1.30	51.1	1.30				
35.0	51.2	0.95	52.6	0.95						
30.0	53.5	0.65	54.6	0.60						
27.0	54.7	0.50	55.6	0.50						
Min. boom angle (°)	25		25		38		50		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS2**

Outriggers intermediately extended (6.0m) over side, with 29.8ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.70	25.2	2.40	28.4	1.90	30.6	1.60	31.5	1.40
70.0	22.9	2.70	27.2	2.30	30.3	1.85	32.3	1.60	33.0	1.40
67.0	26.4	2.70	30.1	2.15	32.9	1.75	34.7	1.55	35.2	1.40
65.0	28.5	2.65	31.9	2.10	34.6	1.70	36.2	1.55		
62.0	31.5	2.50	34.6	1.95	37.1	1.70	38.5	1.55		
60.0	33.4	2.35	36.3	1.85	38.7	1.65	39.9	1.55		
57.0	36.1	2.15	38.8	1.75	41.0	1.60	41.9	1.50		
55.0	37.9	2.10	40.4	1.70	42.4	1.60	43.2	1.50		
53.0	39.5	1.85	41.9	1.65	43.8	1.60	44.4	1.50		
52.0	40.3	1.70	42.6	1.60	44.4	1.55				
50.0	41.6	1.55	43.9	1.45	45.7	1.35				
47.0	43.6	1.25	45.8	1.20	47.2	1.15				
45.0	44.9	1.10	47.0	1.05	48.2	1.05				
42.0	46.7	0.80	48.6	0.80	49.7	0.80				
40.0	47.8	0.65	49.7	0.65	50.6	0.65				
38.0	49.0	0.50	50.7	0.50						
Min. boom angle (°)	37		37		38		50		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS3**

Outriggers intermediately extended (5.0m) over side, with 29.8ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.70	25.2	2.40	28.4	1.90	30.6	1.60	31.5	1.40
70.0	22.9	2.70	27.2	2.30	30.3	1.85	32.3	1.60	33.0	1.40
67.0	26.4	2.70	30.1	2.15	32.9	1.75	34.7	1.55	35.2	1.40
65.0	28.5	2.65	31.9	2.10	34.6	1.70	36.2	1.55		
62.0	31.5	2.50	34.6	1.95	37.1	1.70	38.5	1.55		
60.0	33.4	2.25	36.3	1.85	38.7	1.65	39.9	1.55		
57.0	35.7	1.80	38.7	1.60	41.0	1.50	41.9	1.50		
55.0	37.3	1.55	40.1	1.40	42.2	1.35	43.1	1.30		
53.0	38.8	1.30	41.5	1.20	43.4	1.15	44.2	1.15		
52.0	39.5	1.15	42.1	1.05	44.0	1.05				
50.0	40.9	0.90	43.4	0.85	45.2	0.85				
47.0	43.0	0.60	45.2	0.55	46.9	0.55				
46.0	43.6	0.50	45.8	0.50	47.4	0.50				
Min. boom angle (°)	45		45		45		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SS1**

Outriggers fully extended (7.2m) 360° full range, with 29.8ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.50	18.9	4.50	19.5	4.50
75.0	16.5	4.50	18.0	4.50	19.7	4.50	20.9	4.50	21.5	4.50
72.0	19.9	4.50	21.2	4.50	22.9	4.50	24.0	4.50	24.4	4.50
70.0	22.1	4.50	23.2	4.50	24.9	4.50	25.9	4.50	26.2	4.35
68.0	24.3	4.50	25.3	4.50	27.0	4.50	27.6	4.45	28.1	3.30
67.0	25.4	4.50	26.5	4.50	27.9	4.50	28.4	4.35		
65.0	27.3	4.45	28.5	4.35	29.6	4.10	30.0	4.00		
62.0	29.9	3.95	31.0	3.75	32.0	3.60	32.4	3.50		
60.0	31.6	3.60	32.6	3.40	33.5	3.30	33.9	3.20		
57.0	34.0	3.10	34.9	3.00	35.6	2.90	36.1	2.70		
55.0	35.5	2.80	36.3	2.75	37.0	2.65	37.5	2.40		
52.0	37.6	2.30	38.4	2.25	39.0	2.20				
50.0	38.9	2.05	39.8	1.95	40.3	1.95				
47.0	40.9	1.70	41.5	1.65	42.1	1.65				
45.0	42.1	1.50	42.6	1.50	43.2	1.45				
42.0	43.9	1.15	44.2	1.15	44.8	1.15				
40.0	45.0	0.95	45.3	0.95	45.8	0.95				
35.0	47.5	0.55	47.9	0.55						
34.0	48.0	0.50	48.4	0.50						
Min. boom angle(°)	32		32		37		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS2**

Outriggers intermediately extended (6.0m) over side, with 29.8ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.50	18.9	4.50	19.5	4.50
75.0	16.5	4.50	18.0	4.50	19.7	4.50	20.9	4.50	21.5	4.50
72.0	19.9	4.50	21.2	4.50	22.9	4.50	24.0	4.50	24.4	4.50
70.0	22.1	4.50	23.2	4.50	24.9	4.50	25.9	4.50	26.2	4.35
68.0	24.3	4.50	25.3	4.50	27.0	4.50	27.6	4.45	28.1	3.30
67.0	25.4	4.50	26.5	4.50	27.9	4.30	28.4	4.25		
65.0	27.3	4.10	28.2	3.95	29.4	3.75	29.9	3.70		
62.0	29.4	3.40	30.5	3.25	31.6	3.10	32.0	3.05		
60.0	31.0	2.95	32.0	2.80	33.0	2.70	33.4	2.70		
57.0	33.4	2.35	34.2	2.25	35.2	2.15	35.4	2.15		
55.0	34.8	2.00	35.6	1.95	36.5	1.90	36.7	1.90		
52.0	36.9	1.60	37.7	1.55	38.5	1.50				
50.0	38.3	1.35	39.1	1.30	39.7	1.30				
47.0	40.2	0.95	41.0	0.95	41.5	0.95				
45.0	41.4	0.70	42.2	0.70	42.6	0.70				
44.0	42.0	0.60	42.8	0.60	43.2	0.60				
43.0	42.6	0.50	43.4	0.50						
Min. boom angle(°)	42		42		42		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS3**

Outriggers intermediately extended (5.0m) over side, with 29.8ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.50	18.9	4.50	19.5	4.50
75.0	16.5	4.50	18.0	4.50	19.7	4.50	20.9	4.50	21.5	4.50
72.0	19.9	4.50	21.2	4.50	22.9	4.50	24.0	4.50	24.4	4.50
70.0	22.1	4.50	23.2	4.50	24.9	4.35	25.9	4.15	26.2	4.10
68.0	24.1	4.25	25.3	3.95	26.4	3.75	27.1	3.70	28.1	3.30
67.0	24.9	3.90	26.1	3.65	27.2	3.50	27.9	3.40		
65.0	26.5	3.30	27.6	3.15	28.8	3.00	29.3	2.95		
62.0	28.8	2.60	29.9	2.45	31.1	2.35	31.5	2.35		
60.0	30.4	2.20	31.4	2.10	32.5	1.95	32.9	1.95		
57.0	32.8	1.65	33.7	1.60	34.7	1.50	35.0	1.50		
55.0	34.3	1.25	35.1	1.25	36.0	1.25	36.4	1.25		
52.0	36.4	0.80	37.2	0.80	37.9	0.80				
51.0	37.0	0.65	37.8	0.65	38.5	0.65				
Min. boom angle(°)	50		50		50		52		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									





Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SS1**

Outriggers fully extended (7.2m) 360° full range, with 29.8ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.4	3.20	24.1	2.75	24.8	2.35
75.0	18.3	3.20	21.6	3.20	24.7	3.15	26.1	2.70	26.7	2.35
72.0	22.1	3.20	25.2	3.20	27.8	3.05	29.0	2.65	29.5	2.35
70.0	24.5	3.20	27.6	3.20	29.8	2.95	31.0	2.60	31.3	2.30
68.0	26.9	3.20	29.9	3.20	31.7	2.85	32.8	2.60	33.1	2.25
67.0	28.0	3.20	30.8	3.15	32.7	2.80	33.7	2.60		
65.0	30.3	3.20	32.6	3.10	34.6	2.75	35.5	2.55		
62.0	33.6	3.20	35.4	2.90	37.2	2.65	38.0	2.55		
60.0	35.4	3.00	37.2	2.75	38.9	2.55	39.6	2.50		
57.0	38.0	2.60	39.9	2.45	41.3	2.30	42.0	2.30		
55.0	39.6	2.35	41.5	2.25	42.7	2.15	43.5	2.15		
52.0	41.9	1.95	43.6	1.85	44.8	1.80				
50.0	43.3	1.75	45.0	1.65	46.0	1.60				
47.0	45.4	1.40	46.9	1.40	47.8	1.35				
45.0	46.8	1.20	48.2	1.20	49.0	1.20				
42.0	48.6	0.90	49.9	0.90	50.5	0.90				
41.0	49.2	0.80	50.5	0.80	51.0	0.80				
40.0	49.8	0.75	51.0	0.75						
37.0	51.5	0.50	52.6	0.50						
Min. boom angle(°)	35		35		38		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS2**

Outriggers intermediately extended (6.0m) over side, with 29.8ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.4	3.20	24.1	2.75	24.8	2.35
75.0	18.3	3.20	21.6	3.20	24.7	3.15	26.1	2.70	26.7	2.35
72.0	22.1	3.20	25.2	3.20	27.8	3.05	29.0	2.65	29.5	2.35
70.0	24.5	3.20	27.6	3.20	29.8	2.95	31.0	2.60	31.3	2.30
68.0	26.9	3.20	29.9	3.20	31.7	2.85	32.8	2.60	33.1	2.25
67.0	28.0	3.20	30.8	3.15	32.7	2.80	33.7	2.60		
65.0	30.3	3.20	32.6	3.10	34.6	2.75	35.5	2.55		
62.0	33.2	2.80	35.1	2.65	37.2	2.45	38.0	2.40		
60.0	34.8	2.45	36.7	2.30	38.5	2.20	39.6	2.10		
57.0	37.3	1.95	39.1	1.85	40.7	1.75	42.0	1.60		
55.0	38.9	1.65	40.7	1.55	42.2	1.50	43.6	1.35		
52.0	41.1	1.30	42.9	1.25	44.2	1.20				
50.0	42.6	1.05	44.3	1.00	45.4	1.00				
47.0	44.6	0.75	46.3	0.70	47.3	0.70				
46.0	45.3	0.65	46.9	0.60	47.9	0.60				
45.0	45.9	0.55								
Min. boom angle(°)	44		44		44		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS3**

Outriggers intermediately extended (5.0m) over side, with 29.8ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.4	3.20	24.1	2.75	24.8	2.35
75.0	18.3	3.20	21.6	3.20	24.7	3.15	26.1	2.70	26.7	2.35
72.0	22.1	3.20	25.2	3.20	27.8	3.05	29.0	2.65	29.5	2.35
70.0	24.5	3.20	27.6	3.20	29.8	2.95	31.0	2.60	31.3	2.30
68.0	26.9	3.20	29.9	3.10	31.7	2.85	32.8	2.60	33.1	2.25
67.0	28.0	3.20	30.3	2.95	32.7	2.70	33.7	2.60		
65.0	29.8	2.75	32.0	2.55	34.1	2.35	35.2	2.25		
62.0	32.4	2.15	34.5	2.00	36.4	1.85	37.4	1.80		
60.0	34.1	1.80	36.1	1.70	37.9	1.60	38.8	1.55		
57.0	36.6	1.35	38.5	1.25	40.1	1.20	40.8	1.20		
55.0	38.1	1.05	40.0	0.95	41.6	0.90	42.0	0.90		
54.0	38.9	0.90	40.7	0.85	42.3	0.80				
53.0	39.6	0.75	41.5	0.70						
52.0	40.4	0.60								
Min. boom angle(°)	51		52		52		52		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SS1**

Outriggers fully extended (7.2m) 360° full range, with 29.8ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.2	2.20	28.9	1.90	31.3	1.60	32.3	1.40
72.0	24.7	2.20	29.1	2.20	32.3	1.80	34.3	1.55	35.1	1.40
70.0	27.5	2.20	31.7	2.20	34.5	1.75	36.3	1.55	36.9	1.35
68.0	30.0	2.20	33.9	2.10	36.5	1.70	38.2	1.55	38.6	1.30
67.0	31.3	2.20	34.9	2.05	37.5	1.70	39.2	1.55		
65.0	33.7	2.20	37.0	1.90	39.4	1.70	41.0	1.50		
62.0	37.3	2.20	40.1	1.80	42.2	1.60	43.5	1.50		
60.0	39.4	2.15	42.1	1.70	44.1	1.60	45.1	1.50		
57.0	42.3	2.00	44.9	1.65	46.7	1.55	47.4	1.45		
55.0	44.3	1.90	46.7	1.60	48.4	1.55	48.9	1.40		
52.0	46.9	1.60	49.2	1.55	50.7	1.50				
50.0	48.3	1.40	50.6	1.35	51.9	1.35				
47.0	50.5	1.10	52.6	1.10	53.7	1.10				
45.0	51.9	0.90	53.8	0.90	54.8	0.90				
42.0	53.8	0.65	55.6	0.65	56.4	0.65				
41.0	54.5	0.60	56.2	0.60	56.9	0.60				
40.0	55.1	0.55	56.7	0.55						
Min. boom angle (°)	38		38		38		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS2**

Outriggers intermediately extended (6.0m) over side, with 29.8ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.2	2.20	28.9	1.90	31.3	1.60	32.3	1.40
72.0	24.7	2.20	29.1	2.20	32.3	1.80	34.3	1.55	35.1	1.40
70.0	27.5	2.20	31.7	2.20	34.5	1.75	36.3	1.55	36.9	1.35
68.0	30.0	2.20	33.9	2.10	36.5	1.70	38.2	1.55	38.6	1.30
67.0	31.3	2.20	34.9	2.05	37.5	1.70	39.2	1.55		
65.0	33.7	2.20	37.0	1.90	39.4	1.70	41.0	1.50		
62.0	37.3	2.20	40.1	1.80	42.2	1.60	43.5	1.50		
60.0	39.4	1.95	42.1	1.70	44.1	1.60	45.1	1.50		
57.0	41.7	1.60	44.5	1.45	46.5	1.40	47.4	1.40		
55.0	43.3	1.40	46.1	1.25	48.0	1.20	48.9	1.20		
52.0	45.8	1.00	48.2	0.95	50.0	0.95				
50.0	47.3	0.80	49.6	0.75	51.2	0.75				
48.0	48.7	0.60	50.9	0.60	52.4	0.60				
Min. boom angle (°)	46		46		46		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS3**

Outriggers intermediately extended (5.0m) over side, with 29.8ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.2	2.20	28.9	1.90	31.3	1.60	32.3	1.40
72.0	24.7	2.20	29.1	2.20	32.3	1.80	34.3	1.55	35.1	1.40
70.0	27.5	2.20	31.7	2.20	34.5	1.75	36.3	1.55	36.9	1.35
68.0	30.0	2.20	33.9	2.10	36.5	1.70	38.2	1.55	38.6	1.30
67.0	31.3	2.20	34.9	2.05	37.5	1.70	39.2	1.55		
65.0	33.7	2.20	37.0	1.90	39.4	1.70	41.0	1.50		
62.0	36.4	1.75	39.7	1.55	42.1	1.50	43.5	1.45		
60.0	38.2	1.50	41.3	1.30	43.6	1.25	44.8	1.25		
57.0	40.6	1.05	43.5	0.95	45.8	0.90	46.8	0.90		
55.0	42.2	0.80	44.9	0.70	47.2	0.65				
Min. boom angle (°)	54		54		54		54		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SS1**

Outriggers fully extended (7.2m) 360° full range, with 29.8ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	17.2	4.10	19.0	4.10	20.4	4.10	21.0	4.10
75.0	18.2	4.10	19.6	4.10	21.4	4.10	22.6	4.10	23.1	4.10
72.0	21.8	4.10	23.3	4.10	24.8	4.00	25.8	3.85	26.0	3.80
70.0	24.3	4.10	25.4	4.05	26.7	3.80	27.6	3.60	27.8	3.55
69.0	25.4	4.10	26.5	3.95	27.7	3.65	28.5	3.45	28.6	3.45
67.0	27.5	3.80	28.5	3.55	29.6	3.30	30.3	3.20		
65.0	29.3	3.40	30.4	3.20	31.4	3.00	32.0	2.95		
62.0	32.0	2.80	33.0	2.70	33.9	2.55	34.4	2.50		
60.0	33.8	2.45	34.7	2.40	35.5	2.30	36.0	2.25		
57.0	36.2	2.10	37.1	2.00	37.9	1.90	38.2	1.90		
55.0	37.8	1.85	38.6	1.80	39.4	1.70	39.6	1.70		
52.0	40.1	1.50	40.9	1.45	41.5	1.45				
50.0	41.6	1.35	42.3	1.30	42.9	1.25				
47.0	43.7	1.10	44.3	1.10	44.8	1.05				
45.0	45.0	0.90	45.6	0.90	46.1	0.90				
42.0	46.8	0.60	47.3	0.60	47.7	0.60				
41.0	47.4	0.50	47.9	0.50	48.2	0.50				
Min. boom angle(°)	39		39		39		51		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS2**

Outriggers intermediately extended (6.0m) over side, with 29.8ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	17.2	4.10	19.0	4.10	20.4	4.10	21.0	4.10
75.0	18.2	4.10	19.6	4.10	21.4	4.10	22.6	4.10	23.1	4.10
72.0	21.8	4.10	23.3	4.10	24.8	4.00	25.8	3.85	26.0	3.80
70.0	24.3	4.10	25.4	4.05	26.7	3.80	27.6	3.60	27.8	3.55
69.0	25.4	4.10	26.5	3.95	27.7	3.65	28.5	3.45	28.6	3.45
67.0	27.5	3.80	28.5	3.55	29.6	3.30	30.3	3.20		
65.0	29.3	3.40	30.4	3.20	31.4	3.00	32.0	2.95		
62.0	32.0	2.60	33.0	2.50	33.9	2.45	34.4	2.40		
60.0	33.5	2.25	34.7	2.10	35.5	2.10	36.0	2.05		
57.0	35.9	1.75	36.6	1.70	37.6	1.65	37.9	1.65		
55.0	37.4	1.45	38.1	1.45	39.0	1.40	39.3	1.40		
52.0	39.5	1.00	40.3	1.00	41.1	1.00				
50.0	40.9	0.75	41.7	0.75	42.3	0.75				
49.0	41.5	0.60	42.3	0.60						
48.0	42.2	0.50								
Min. boom angle(°)	47		48		48		51		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS3**

Outriggers intermediately extended (5.0m) over side, with 29.8ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	17.2	4.10	19.0	4.10	20.4	4.10	21.0	4.10
75.0	18.2	4.10	19.6	4.10	21.4	4.10	22.6	4.10	23.1	4.10
72.0	21.8	4.10	23.3	4.10	24.8	4.00	25.8	3.85	26.0	3.80
70.0	24.3	4.10	25.4	3.85	26.7	3.65	27.6	3.50	27.8	3.50
69.0	25.0	3.80	26.1	3.60	27.6	3.35	28.3	3.25	28.6	3.25
67.0	26.9	3.15	27.8	3.05	29.2	2.80	29.9	2.75		
65.0	28.6	2.60	29.6	2.50	30.8	2.40	31.5	2.30		
62.0	31.1	2.00	32.1	1.90	33.2	1.80	33.8	1.75		
60.0	32.8	1.60	33.7	1.55	34.8	1.45	35.3	1.45		
58.0	34.4	1.20	35.2	1.20	36.2	1.15	36.7	1.15		
57.0	35.1	1.00	35.9	1.00	37.0	1.00				
Min. boom angle(°)	56		56		56		56		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS  
SA  
SB  
SC  
SD  
SE

33.2m Boom  
40.5m Boom  
47.9m Boom  
51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SS1**

Outriggers fully extended (7.2m) 360° full range, with 29.8ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	3.00	23.8	3.00	25.6	2.75	26.2	2.35
75.0	19.7	3.00	23.1	3.00	26.3	3.00	27.8	2.70	28.3	2.30
72.0	23.8	3.00	27.0	3.00	29.8	2.90	31.0	2.60	31.3	2.30
70.0	26.5	3.00	29.6	3.00	31.8	2.70	33.0	2.45	33.2	2.30
69.0	27.9	3.00	30.7	2.90	32.7	2.60	34.0	2.40	34.2	2.25
67.0	30.4	2.95	32.8	2.75	34.7	2.40	35.8	2.25		
65.0	32.5	2.85	34.8	2.55	36.5	2.25	37.7	2.10		
62.0	35.6	2.40	37.8	2.20	39.3	2.00	40.2	1.90		
60.0	37.6	2.10	39.6	1.95	41.2	1.80	41.8	1.75		
57.0	40.3	1.75	42.2	1.60	43.6	1.50	44.0	1.45		
55.0	42.0	1.50	43.9	1.45	45.1	1.35	45.4	1.35		
52.0	44.5	1.25	46.2	1.20	47.3	1.15				
50.0	46.1	1.10	47.6	1.05	48.7	1.00				
47.0	48.3	0.85	49.7	0.85	50.6	0.80				
45.0	49.7	0.65	51.0	0.65	51.8	0.65				
43.0	51.0	0.50	52.3	0.50	53.0	0.50				
Min. boom angle(°)	41		41		41		51		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS2**

Outriggers intermediately extended (6.0m) over side, with 29.8ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	3.00	23.8	3.00	25.6	2.75	26.2	2.35
75.0	19.7	3.00	23.1	3.00	26.3	3.00	27.8	2.70	28.3	2.30
72.0	23.8	3.00	27.0	3.00	29.8	2.90	31.0	2.60	31.3	2.30
70.0	26.5	3.00	29.6	3.00	31.8	2.70	33.0	2.45	33.2	2.30
69.0	27.9	3.00	30.7	2.90	32.7	2.60	34.0	2.40	34.2	2.25
67.0	30.4	2.95	32.8	2.75	34.7	2.40	35.8	2.25		
65.0	32.5	2.85	34.8	2.55	36.5	2.25	37.7	2.10		
62.0	35.6	2.20	37.8	2.00	39.3	2.00	40.2	1.90		
60.0	37.2	1.90	39.3	1.75	41.2	1.60	41.8	1.60		
57.0	39.8	1.45	41.8	1.35	43.3	1.30	43.8	1.30		
55.0	41.5	1.15	43.3	1.10	44.8	1.10	45.1	1.10		
52.0	43.7	0.80	45.4	0.75	46.8	0.75				
51.0	44.4	0.65	46.1	0.65	47.5	0.60				
Min. boom angle(°)	49		49		49		51		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS3**

Outriggers intermediately extended (5.0m) over side, with 29.8ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	3.00	23.8	3.00	25.6	2.75	26.2	2.35
75.0	19.7	3.00	23.1	3.00	26.3	3.00	27.8	2.70	28.3	2.30
72.0	23.8	3.00	27.0	3.00	29.8	2.90	31.0	2.60	31.3	2.30
70.0	26.5	3.00	29.6	3.00	31.8	2.70	33.0	2.45	33.2	2.30
69.0	27.9	3.00	30.7	2.85	32.7	2.60	34.0	2.40	34.2	2.25
67.0	30.0	2.65	32.4	2.40	34.4	2.25	35.8	2.15		
65.0	31.7	2.25	34.1	2.00	36.1	1.85	37.3	1.80		
62.0	34.6	1.65	36.8	1.50	38.5	1.45	39.6	1.40		
61.0	35.5	1.50	37.6	1.35	39.4	1.30	40.3	1.25		
60.0	36.4	1.30	38.4	1.20	40.2	1.15				
58.0	38.1	0.95	40.0	0.90						
Min. boom angle(°)	57		57		58		58		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SS1**

Outriggers fully extended (7.2m) 360° full range, with 29.8ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
77.0	19.0	2.10	24.3	2.10	28.5	1.95	30.8	1.60	31.9	1.40
75.0	22.2	2.10	27.2	2.10	30.9	1.85	33.1	1.60	33.9	1.40
72.0	26.8	2.10	31.4	2.10	34.6	1.75	36.4	1.55	36.9	1.40
70.0	29.8	2.10	34.0	2.05	36.8	1.75	38.5	1.55	38.8	1.40
69.0	31.2	2.10	35.2	2.05	37.9	1.75	39.5	1.55	39.7	1.40
67.0	33.8	2.10	37.5	1.95	40.0	1.65	41.5	1.50		
65.0	36.5	2.10	39.7	1.85	42.2	1.60	43.4	1.50		
62.0	39.8	2.00	43.0	1.70	45.1	1.45	46.1	1.40		
60.0	41.7	1.80	44.9	1.55	46.8	1.40	47.6	1.35		
57.0	44.6	1.50	47.6	1.30	49.3	1.25	49.9	1.20		
55.0	46.6	1.30	49.3	1.15	50.9	1.10	51.4	1.05		
52.0	49.4	1.05	51.7	0.95	53.2	0.90				
50.0	51.0	0.90	53.2	0.85	54.6	0.80				
47.0	53.2	0.65	55.3	0.65	56.5	0.65				
45.0	54.6	0.50	56.6	0.50	57.7	0.50				
Min. boom angle(°)	43		43		43		51		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS2**

Outriggers intermediately extended (6.0m) over side, with 29.8ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
77.0	19.0	2.10	24.3	2.10	28.5	1.95	30.8	1.60	31.9	1.40
75.0	22.2	2.10	27.2	2.10	30.9	1.85	33.1	1.60	33.9	1.40
72.0	26.8	2.10	31.4	2.10	34.6	1.75	36.4	1.55	36.9	1.40
70.0	29.8	2.10	34.0	2.05	36.8	1.75	38.5	1.55	38.8	1.40
69.0	31.2	2.10	35.2	2.05	37.9	1.75	39.5	1.55	39.7	1.40
67.0	33.8	2.10	37.5	1.95	40.0	1.65	41.5	1.50		
65.0	36.5	2.10	39.7	1.85	42.2	1.60	43.4	1.50		
62.0	39.8	1.80	43.0	1.60	45.1	1.45	46.1	1.40		
60.0	41.2	1.60	44.6	1.40	46.8	1.35	47.6	1.35		
57.0	43.8	1.20	46.9	1.05	49.0	1.05	49.7	1.05		
56.0	44.7	1.05	47.7	0.95	49.7	0.95	50.4	0.95		
55.0	45.6	0.95	48.5	0.85	50.4	0.85				
54.0	46.4	0.80	49.2	0.75	51.1	0.75				
53.0	47.3	0.70								
Min. boom angle(°)	51		52		52		52		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SS3**

Outriggers intermediately extended (5.0m) over side, with 29.8ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
77.0	19.0	2.10	24.3	2.10	28.5	1.95	30.8	1.60	31.9	1.40
75.0	22.2	2.10	27.2	2.10	30.9	1.85	33.1	1.60	33.9	1.40
72.0	26.8	2.10	31.4	2.10	34.6	1.75	36.4	1.55	36.9	1.40
70.0	29.8	2.10	34.0	2.05	36.8	1.75	38.5	1.55	38.8	1.40
69.0	31.2	2.10	35.2	2.05	37.9	1.75	39.5	1.55	39.7	1.40
67.0	33.8	2.10	37.5	1.85	40.0	1.65	41.5	1.50		
65.0	35.8	1.80	39.1	1.60	41.9	1.45	43.4	1.40		
62.0	38.4	1.35	41.6	1.15	44.2	1.05	45.5	1.05		
61.0	39.2	1.20	42.4	1.00	45.0	0.95				
60.0	40.0	1.05								
Min. boom angle(°)	58		59		59		59		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SA1**

Outriggers fully extended (7.2m) 360° full range, with 25.8ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.55	15.7	4.75
72.0	13.3	5.60	14.5	5.60	16.1	5.60	17.1	5.45	17.5	4.70
70.0	14.8	5.60	15.9	5.60	17.4	5.60	18.4	5.35	18.7	4.70
67.0	16.9	5.60	18.0	5.60	19.4	5.60	20.2	5.25	20.5	4.70
65.0	18.3	5.60	19.4	5.60	20.7	5.60	21.5	5.20	21.6	4.70
64.0	19.0	5.60	20.1	5.60	21.4	5.60	22.0	5.15	22.2	4.65
62.0	20.4	5.60	21.4	5.60	22.6	5.55	23.1	5.10		
60.0	21.7	5.60	22.7	5.60	23.8	5.45	24.2	5.05		
57.0	23.6	5.60	24.5	5.55	25.5	5.30	25.8	5.05		
55.0	24.8	5.60	25.7	5.35	26.6	5.15	26.8	5.05		
52.0	26.4	4.90	27.2	4.70	28.0	4.55	28.2	4.55		
51.0	26.9	4.70	27.6	4.55	28.5	4.35	28.6	4.35		
50.0	27.4	4.50	28.1	4.35	28.9	4.20				
47.0	28.9	3.95	29.6	3.80	30.2	3.75				
45.0	29.9	3.60	30.5	3.50	31.1	3.45				
42.0	31.3	3.20	31.8	3.15	32.3	3.05				
40.0	32.1	2.95	32.7	2.90	33.0	2.90				
37.0	33.3	2.65	33.8	2.60	34.1	2.55				
35.0	34.1	2.45	34.6	2.40						
30.0	35.8	2.05	36.2	2.00						
25.0	37.3	1.75	37.5	1.75						
22.0	38.0	1.60	38.2	1.60						
20.0	38.4	1.55								
Min. boom angle(°)	18		20		35		49		62	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA2**

Outriggers intermediately extended (6.0m) over side, with 25.8ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.55	15.7	4.75
72.0	13.3	5.60	14.5	5.60	16.1	5.60	17.1	5.45	17.5	4.70
70.0	14.8	5.60	15.9	5.60	17.4	5.60	18.4	5.35	18.7	4.70
67.0	16.9	5.60	18.0	5.60	19.4	5.60	20.2	5.25	20.5	4.70
65.0	18.3	5.60	19.4	5.60	20.7	5.60	21.5	5.20	21.6	4.70
64.0	19.0	5.60	20.1	5.60	21.4	5.60	22.0	5.15	22.2	4.65
62.0	20.4	5.60	21.4	5.60	22.6	5.55	23.1	5.10		
60.0	21.7	5.60	22.7	5.60	23.8	5.40	24.2	5.10		
57.0	23.4	4.85	24.3	4.60	25.2	4.45	25.6	4.40		
55.0	24.5	4.35	25.4	4.15	26.2	4.05	26.6	4.00		
52.0	26.0	3.75	26.9	3.60	27.7	3.45	27.9	3.50		
51.0	26.6	3.55	27.4	3.40	28.2	3.30	28.4	3.30		
50.0	27.1	3.40	27.8	3.30	28.7	3.15				
47.0	28.6	2.90	29.3	2.80	30.0	2.70				
45.0	29.6	2.60	30.3	2.50	30.9	2.45				
42.0	31.0	2.25	31.6	2.15	32.1	2.15				
40.0	31.9	2.00	32.5	1.95	32.8	1.95				
37.0	33.1	1.75	33.6	1.70	33.9	1.70				
35.0	33.9	1.55	34.4	1.50						
30.0	35.6	1.25	36.0	1.20						
25.0	37.1	0.90	37.4	0.90						
22.0	37.9	0.75	38.1	0.75						
20.0	38.3	0.70								
Min. boom angle(°)	18		20		35		49		62	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA3**

Outriggers intermediately extended (5.0m) over side, with 25.8ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.55	15.7	4.75
72.0	13.3	5.60	14.5	5.60	16.1	5.60	17.1	5.45	17.5	4.70
70.0	14.8	5.60	15.9	5.60	17.4	5.60	18.4	5.35	18.7	4.70
67.0	16.9	5.60	18.0	5.60	19.4	5.60	20.2	5.25	20.5	4.70
65.0	18.3	5.60	19.4	5.60	20.7	5.50	21.5	5.20	21.6	4.70
64.0	19.0	5.60	20.1	5.55	21.2	5.20	22.0	4.95	22.2	4.65
62.0	20.3	5.15	21.2	4.95	22.4	4.60	23.0	4.45		
60.0	21.4	4.55	22.3	4.35	23.4	4.10	24.0	4.00		
57.0	23.1	3.80	24.0	3.65	25.0	3.45	25.5	3.40		
55.0	24.2	3.35	25.1	3.20	26.0	3.10	26.4	3.05		
52.0	25.8	2.80	26.6	2.70	27.5	2.60	27.8	2.60		
51.0	26.3	2.65	27.2	2.50	28.0	2.45	28.2	2.45		
50.0	26.8	2.45	27.6	2.40	28.5	2.30				
47.0	28.4	2.00	29.1	1.95	29.8	1.90				
45.0	29.3	1.80	30.1	1.70	30.7	1.65				
42.0	30.7	1.45	31.4	1.40	31.9	1.40				
40.0	31.6	1.20	32.3	1.20	32.7	1.20				
37.0	32.9	0.90	33.5	0.90	33.8	0.90				
35.0	33.7	0.70	34.2	0.70						
32.0	34.8	0.50	35.3	0.50						
Min. boom angle(°)	31		31		36		49		62	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA4**

Outriggers intermediately extended (4.2m) over side, with 25.8ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.55	15.7	4.75
72.0	13.3	5.60	14.5	5.60	16.1	5.60	17.1	5.45	17.5	4.70
70.0	14.8	5.60	15.9	5.60	17.4	5.60	18.4	5.35	18.7	4.70
67.0	16.9	5.60	18.0	5.60	19.3	5.20	20.2	4.90	20.5	4.70
65.0	18.2	5.25	19.2	4.90	20.4	4.60	21.3	4.30	21.5	4.30
64.0	18.8	4.90	19.8	4.60	21.0	4.25	21.8	4.05	22.0	4.05
62.0	20.0	4.25	21.0	3.95	22.1	3.75	22.8	3.60		
60.0	21.2	3.65	22.1	3.50	23.2	3.30	23.8	3.20		
57.0	22.9	2.95	23.8	2.80	24.8	2.65	25.3	2.60		
55.0	24.0	2.55	24.9	2.40	25.8	2.35	26.3	2.25		
52.0	25.6	2.05	26.5	1.95	27.4	1.85	27.7	1.85		
51.0	26.1	1.90	27.0	1.80	27.9	1.70	28.1	1.70		
50.0	26.6	1.75	27.5	1.70	28.3	1.65				
47.0	28.1	1.30	28.9	1.30	29.7	1.25				
45.0	29.1	1.00	29.9	1.00	30.5	1.00				
42.0	30.5	0.65	31.2	0.65	31.7	0.65				
41.0	30.9	0.55	31.7	0.55	32.1	0.55				
Min. boom angle(°)	40		40		40		49		62	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SA1**

Outriggers fully extended (7.2m) 360° full range, with 25.8ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.50	19.6	3.95	21.9	3.20	23.5	2.75	24.2	2.35
67.0	19.4	4.50	21.8	3.65	24.0	3.05	25.4	2.70	26.0	2.35
65.0	21.0	4.45	23.3	3.50	25.4	2.95	26.7	2.65	27.1	2.35
62.0	23.2	4.15	25.4	3.30	27.3	2.85	28.5	2.60		
60.0	24.6	3.95	26.8	3.15	28.6	2.80	29.6	2.60		
57.0	26.7	3.65	28.7	2.95	30.4	2.70	31.3	2.55		
55.0	28.1	3.45	30.0	2.85	31.6	2.65	32.3	2.55		
52.0	30.0	3.20	31.8	2.75	33.3	2.60	33.8	2.55		
51.0	30.7	3.15	32.4	2.70	33.8	2.60	34.3	2.50		
50.0	31.3	3.10	33.0	2.65	34.3	2.55				
47.0	33.1	2.95	34.7	2.60	35.8	2.55				
45.0	34.3	2.85	35.7	2.55	36.7	2.55				
42.0	35.8	2.65	37.2	2.45	38.1	2.45				
40.0	36.9	2.45	38.1	2.35	38.9	2.30				
37.0	38.2	2.20	39.4	2.10	40.1	2.00				
35.0	39.0	2.00	40.2	1.95						
30.0	41.0	1.65	41.9	1.65						
25.0	42.7	1.45	43.3	1.40						
22.0	43.6	1.30	44.1	1.30						
20.0	44.0	1.25								
Min. boom angle(°)	18		20		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA2**

Outriggers intermediately extended (6.0m) over side, with 25.8ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.50	19.6	3.95	21.9	3.20	23.5	2.75	24.2	2.35
67.0	19.4	4.50	21.8	3.65	24.0	3.05	25.4	2.70	26.0	2.35
65.0	21.0	4.45	23.3	3.50	25.4	2.95	26.7	2.65	27.1	2.35
62.0	23.2	4.15	25.4	3.30	27.3	2.85	28.5	2.60		
60.0	24.6	3.95	26.8	3.15	28.6	2.80	29.6	2.60		
57.0	26.7	3.65	28.7	2.95	30.4	2.70	31.3	2.55		
55.0	28.1	3.45	30.0	2.85	31.6	2.65	32.3	2.55		
52.0	30.0	3.10	31.8	2.75	33.3	2.60	33.8	2.55		
51.0	30.7	2.90	32.4	2.70	33.8	2.60	34.3	2.50		
50.0	31.1	2.80	33.0	2.60	34.3	2.50				
47.0	32.9	2.35	34.6	2.20	35.7	2.15				
45.0	34.0	2.15	35.6	2.00	36.6	1.95				
42.0	35.5	1.80	37.0	1.75	37.9	1.70				
40.0	36.5	1.65	37.9	1.55	38.6	1.55				
37.0	37.9	1.40	39.2	1.35	39.7	1.35				
35.0	38.8	1.30	40.0	1.20						
30.0	40.8	0.95	41.7	0.90						
25.0	42.6	0.65	43.1	0.65						
22.0	43.4	0.55	43.9	0.55						
21.0	43.7	0.50								
Min. boom angle(°)	20		20		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA3**

Outriggers intermediately extended (5.0m) over side, with 25.8ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.50	19.6	3.95	21.9	3.20	23.5	2.75	24.2	2.35
67.0	19.4	4.50	21.8	3.65	24.0	3.05	25.4	2.70	26.0	2.35
65.0	21.0	4.45	23.3	3.50	25.4	2.95	26.7	2.65	27.1	2.35
62.0	23.2	4.15	25.4	3.30	27.3	2.85	28.5	2.60		
60.0	24.6	3.80	26.8	3.15	28.6	2.80	29.6	2.60		
57.0	26.6	3.10	28.7	2.85	30.4	2.70	31.3	2.55		
55.0	27.9	2.75	29.9	2.50	31.5	2.35	32.3	2.30		
52.0	29.7	2.25	31.7	2.05	33.1	2.00	33.6	1.95		
51.0	30.3	2.15	32.2	1.95	33.6	1.85	34.1	1.85		
50.0	30.9	2.00	32.8	1.85	34.1	1.75				
47.0	32.6	1.65	34.3	1.55	35.5	1.45				
45.0	33.7	1.45	35.4	1.35	36.4	1.30				
42.0	35.3	1.15	36.8	1.10	37.7	1.05				
40.0	36.3	0.95	37.7	0.90	38.5	0.90				
37.0	37.7	0.65	39.0	0.65	39.6	0.65				
35.0	38.6	0.50	39.8	0.50						
Min. boom angle(°)	34		34		36		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA4**

Outriggers intermediately extended (4.2m) over side, with 25.8ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.50	19.6	3.95	21.9	3.20	23.5	2.75	24.2	2.35
67.0	19.4	4.50	21.8	3.65	24.0	3.05	25.4	2.70	26.0	2.35
65.0	21.0	4.35	23.3	3.50	25.4	2.95	26.7	2.65	27.1	2.35
62.0	23.0	3.50	25.3	3.10	27.3	2.85	28.5	2.60		
60.0	24.3	3.05	26.6	2.70	28.5	2.50	29.6	2.40		
57.0	26.3	2.45	28.5	2.20	30.2	2.05	31.1	2.00		
55.0	27.6	2.10	29.7	1.90	31.3	1.75	32.1	1.75		
52.0	29.5	1.65	31.4	1.55	32.9	1.45	33.5	1.40		
51.0	30.1	1.50	32.0	1.40	33.5	1.30	33.9	1.30		
50.0	30.6	1.35	32.6	1.25	34.0	1.20				
47.0	32.3	1.00	34.2	0.90	35.4	0.85				
45.0	33.4	0.75	35.2	0.70	36.3	0.70				
43.0	34.5	0.55	36.2	0.50	37.1	0.50				
Min. boom angle(°)	42		42		42		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SA1**

Outriggers fully extended (7.2m) 360° full range, with 25.8ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.4	2.95	25.9	2.30	29.0	1.85	31.0	1.60	31.6	1.40
65.0	24.1	2.90	27.5	2.15	30.5	1.75	32.3	1.55	32.7	1.40
62.0	26.7	2.65	29.9	2.05	32.6	1.70	34.1	1.55		
60.0	28.4	2.55	31.4	1.95	33.9	1.70	35.2	1.55		
57.0	30.7	2.30	33.5	1.85	35.8	1.65	36.9	1.55		
55.0	32.2	2.20	34.9	1.80	37.0	1.60	37.9	1.55		
52.0	34.4	2.05	36.9	1.70	38.8	1.60	39.5	1.55		
51.0	35.1	2.00	37.5	1.65	39.4	1.60	39.9	1.55		
50.0	35.7	1.95	38.1	1.60	39.9	1.60				
47.0	37.7	1.85	39.9	1.60	41.4	1.55				
45.0	39.0	1.80	41.0	1.55	42.4	1.55				
42.0	40.8	1.70	42.6	1.50	43.7	1.50				
40.0	41.9	1.65	43.6	1.45	44.6	1.45				
37.0	43.4	1.60	45.0	1.45	45.7	1.45				
35.0	44.4	1.55	45.9	1.45						
30.0	46.6	1.40	47.8	1.30						
25.0	48.3	1.15	49.2	1.15						
23.0	49.0	1.10	49.7	1.05						
22.0	49.2	1.05								
Min. boom angle(°)	20		21		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA2**

Outriggers intermediately extended (6.0m) over side, with 25.8ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.4	2.95	25.9	2.30	29.0	1.85	31.0	1.60	31.6	1.40
65.0	24.1	2.90	27.5	2.15	30.5	1.75	32.3	1.55	32.7	1.40
62.0	26.7	2.65	29.9	2.05	32.6	1.70	34.1	1.55		
60.0	28.4	2.55	31.4	1.95	33.9	1.70	35.2	1.55		
57.0	30.7	2.30	33.5	1.85	35.8	1.65	36.9	1.55		
55.0	32.2	2.20	34.9	1.80	37.0	1.60	37.9	1.55		
52.0	34.4	2.05	36.9	1.70	38.8	1.60	38.8	1.60	39.5	1.55
51.0	35.1	2.00	37.5	1.65	39.4	1.60	39.4	1.60	39.9	1.55
50.0	35.7	1.95	38.1	1.60	39.9	1.60				
47.0	37.7	1.85	39.9	1.60	41.4	1.55				
45.0	39.0	1.70	41.0	1.55	42.4	1.55				
42.0	40.6	1.45	42.6	1.35	43.7	1.35				
40.0	41.6	1.35	43.5	1.25	44.4	1.25				
37.0	43.1	1.15	44.8	1.10	45.5	1.10				
35.0	44.1	1.00	45.6	1.00						
30.0	46.2	0.70	47.4	0.70						
27.0	47.4	0.55	48.2	0.55						
26.0	47.7	0.50								
Min. boom angle(°)	25		25		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA3**

Outriggers intermediately extended (5.0m) over side, with 25.8ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.4	2.95	25.9	2.30	29.0	1.85	31.0	1.60	31.6	1.40
65.0	24.1	2.90	27.5	2.15	30.5	1.75	32.3	1.55	32.7	1.40
62.0	26.7	2.65	29.9	2.05	32.6	1.70	34.1	1.55		
60.0	28.4	2.55	31.4	1.95	33.9	1.70	35.2	1.55		
57.0	30.7	2.30	33.5	1.85	35.8	1.65	36.9	1.55		
55.0	32.2	2.20	34.9	1.80	37.0	1.60	37.9	1.55		
52.0	34.1	1.80	36.9	1.65	38.8	1.60	39.5	1.55		
51.0	34.8	1.70	37.5	1.55	39.4	1.45	39.9	1.45		
50.0	35.4	1.60	38.0	1.45	39.8	1.40				
47.0	37.2	1.35	39.6	1.25	41.3	1.15				
45.0	38.4	1.10	40.7	1.05	42.2	1.05				
42.0	40.1	0.85	42.2	0.80	43.4	0.80				
40.0	41.2	0.70	43.1	0.65	44.2	0.65				
39.0	41.7	0.60	43.6	0.60	44.6	0.60				
38.0	42.2	0.50	44.0	0.50						
Min. boom angle(°)	37		37		37		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA4**

Outriggers intermediately extended (4.2m) over side, with 25.8ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.4	2.95	25.9	2.30	29.0	1.85	31.0	1.60	31.6	1.40
65.0	24.1	2.90	27.5	2.15	30.5	1.75	32.3	1.55	32.7	1.40
62.0	26.7	2.65	29.9	2.05	32.6	1.70	34.1	1.55		
60.0	28.1	2.45	31.4	1.95	33.9	1.70	35.2	1.55		
57.0	30.4	1.95	33.4	1.70	35.8	1.60	36.9	1.55		
55.0	31.8	1.65	34.7	1.50	37.0	1.35	37.9	1.35		
52.0	33.7	1.30	36.5	1.15	38.5	1.10	39.3	1.10		
51.0	34.3	1.15	37.1	1.05	39.1	1.00	39.8	1.00		
50.0	35.0	1.05	37.6	0.95	39.6	0.90				
47.0	36.8	0.70	39.2	0.65	41.0	0.65				
45.0	37.9	0.55	40.3	0.50	41.9	0.50				
Min. boom angle(°)	44		44		44		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									





Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SA1**

Outriggers fully extended (7.2m) 360° full range, with 25.8ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.55	16.6	4.75
75.0	13.6	5.60	14.9	5.60	16.7	5.60	17.8	5.55	18.2	4.70
72.0	16.4	5.60	17.7	5.60	19.3	5.60	20.3	5.35	20.5	4.70
70.0	18.3	5.60	19.5	5.60	21.0	5.60	21.9	5.30	22.0	4.70
67.0	20.9	5.60	22.1	5.60	23.5	5.60	24.1	5.15	24.2	4.65
65.0	22.6	5.60	23.8	5.60	25.0	5.50	25.6	5.15		
62.0	25.0	5.40	26.0	5.10	27.0	4.90	27.7	4.75		
60.0	26.4	4.75	27.5	4.50	28.3	4.35	28.9	4.25		
57.0	28.3	4.00	29.2	3.85	30.3	3.65	30.7	3.60		
55.0	29.6	3.55	30.5	3.40	31.3	3.30	31.7	3.25		
53.0	30.9	3.15	31.7	3.05	32.5	2.95	32.8	2.95		
52.0	31.5	3.00	32.3	2.90	33.1	2.80				
50.0	32.7	2.65	33.5	2.55	34.2	2.50				
47.0	34.4	2.25	35.2	2.15	35.8	2.10				
45.0	35.6	1.95	36.3	1.90	36.8	1.90				
42.0	37.2	1.65	37.8	1.60	38.3	1.55				
40.0	38.2	1.45	38.8	1.40	39.2	1.40				
39.0	38.7	1.35	39.2	1.35	39.6	1.30				
35.0	40.5	1.00	41.0	1.00						
30.0	42.5	0.60	42.9	0.60						
29.0	42.9	0.55	43.2	0.55						
Min. boom angle(°)	28		28		37		50		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA2**

Outriggers intermediately extended (6.0m) over side, with 25.8ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.55	16.6	4.75
75.0	13.6	5.60	14.9	5.60	16.7	5.60	17.8	5.55	18.2	4.70
72.0	16.4	5.60	17.7	5.60	19.3	5.60	20.3	5.35	20.5	4.70
70.0	18.3	5.60	19.5	5.60	21.0	5.60	21.9	5.30	22.0	4.70
67.0	20.9	5.60	22.1	5.60	23.5	5.20	24.1	5.10	24.2	4.65
65.0	22.6	5.15	23.5	4.90	24.6	4.65	25.4	4.45		
62.0	24.5	4.25	25.5	4.00	26.5	3.85	27.2	3.75		
60.0	25.8	3.70	26.8	3.50	27.8	3.40	28.5	3.25		
57.0	27.9	3.00	28.8	2.85	29.7	2.75	30.2	2.70		
55.0	29.2	2.60	30.1	2.45	31.0	2.40	31.4	2.35		
53.0	30.5	2.25	31.4	2.15	32.2	2.05	32.5	2.05		
52.0	31.2	2.05	32.0	2.00	32.8	1.95				
50.0	32.4	1.75	33.2	1.70	33.9	1.65				
47.0	34.1	1.40	34.9	1.35	35.5	1.30				
45.0	35.2	1.15	36.0	1.15	36.6	1.10				
42.0	36.8	0.80	37.5	0.80	38.0	0.80				
40.0	37.9	0.60	38.4	0.60	38.9	0.60				
Min. boom angle(°)	39		39		39		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA3**

Outriggers intermediately extended (5.0m) over side, with 25.8ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.55	16.6	4.75
75.0	13.6	5.60	14.9	5.60	16.7	5.60	17.8	5.55	18.2	4.70
72.0	16.4	5.60	17.7	5.60	19.3	5.60	20.3	5.35	20.5	4.70
70.0	18.3	5.60	19.5	5.60	21.0	5.25	21.9	5.00	22.0	4.70
67.0	20.6	4.85	21.7	4.55	23.0	4.25	23.7	4.10	24.0	4.10
65.0	22.1	4.10	23.2	3.90	24.3	3.70	25.0	3.55		
62.0	24.2	3.25	25.2	3.10	26.2	2.95	26.9	2.85		
60.0	25.5	2.75	26.5	2.65	27.5	2.55	28.2	2.45		
57.0	27.6	2.10	28.5	2.05	29.4	1.95	30.0	1.90		
55.0	28.9	1.80	29.8	1.70	30.7	1.65	31.1	1.60		
53.0	30.2	1.45	31.1	1.40	31.9	1.35	32.3	1.35		
52.0	30.9	1.25	31.7	1.25	32.5	1.25				
50.0	32.1	0.95	32.9	0.95	33.6	0.95				
48.0	33.2	0.65	34.0	0.65	34.7	0.65				
Min. boom angle(°)	47		47		47		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA4**

Outriggers intermediately extended (4.2m) over side, with 25.8ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.55	16.6	4.75
75.0	13.6	5.60	14.9	5.60	16.7	5.60	17.8	5.55	18.2	4.70
72.0	16.4	5.60	17.7	5.60	19.1	5.25	20.2	4.85	20.5	4.70
70.0	18.1	5.20	19.2	4.80	20.6	4.40	21.5	4.20	21.8	4.15
67.0	20.3	3.95	21.4	3.70	22.6	3.45	23.4	3.35	23.8	3.25
65.0	21.8	3.30	22.8	3.10	24.0	2.90	24.8	2.75		
62.0	23.9	2.45	24.9	2.30	25.9	2.25	26.7	2.15		
60.0	25.2	2.05	26.2	1.95	27.3	1.85	27.9	1.80		
57.0	27.3	1.35	28.3	1.35	29.2	1.30	29.7	1.30		
55.0	28.7	0.95	29.5	0.95	30.4	0.95	30.9	0.95		
Min. boom angle(°)	54		54		54		54		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SA1**

Outriggers fully extended (7.2m) 360° full range, with 25.8ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.25	21.0	3.40	22.7	2.80	23.6	2.35
72.0	18.2	4.30	21.1	4.00	23.7	3.20	25.2	2.75	25.9	2.35
70.0	20.3	4.30	23.0	3.80	25.4	3.10	26.9	2.70	27.4	2.35
67.0	23.3	4.30	25.8	3.50	27.9	3.00	29.2	2.65	29.6	2.35
65.0	25.2	4.20	27.6	3.30	29.6	2.90	30.7	2.60		
62.0	28.0	3.85	30.1	3.10	31.9	2.80	32.9	2.55		
60.0	29.9	3.65	31.7	3.00	33.4	2.70	34.2	2.55		
57.0	32.3	3.30	34.1	2.80	35.6	2.65	36.2	2.55		
55.0	33.8	2.90	35.6	2.75	37.0	2.60	37.5	2.55		
53.0	35.0	2.60	37.0	2.45	38.3	2.35	38.7	2.35		
52.0	35.7	2.45	37.7	2.25	39.0	2.20				
50.0	37.0	2.20	38.7	2.10	40.0	2.00				
47.0	38.9	1.80	40.5	1.75	41.5	1.75				
45.0	40.1	1.60	41.6	1.55	42.5	1.50				
42.0	41.9	1.35	43.3	1.30	44.0	1.30				
40.0	43.0	1.20	44.3	1.15	44.9	1.15				
35.0	45.6	0.75	46.6	0.75						
31.0	47.4	0.50	48.2	0.50						
Min. boom angle(°)	30		30		38		50		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA2**

Outriggers intermediately extended (6.0m) over side, with 25.8ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.25	21.0	3.40	22.7	2.80	23.6	2.35
72.0	18.2	4.30	21.1	4.00	23.7	3.20	25.2	2.75	25.9	2.35
70.0	20.3	4.30	23.0	3.80	25.4	3.10	26.9	2.70	27.4	2.35
67.0	23.3	4.30	25.8	3.50	27.9	3.00	29.2	2.65	29.6	2.35
65.0	25.2	4.20	27.6	3.30	29.6	2.90	30.7	2.60		
62.0	27.9	3.50	30.1	3.10	31.9	2.80	32.9	2.55		
60.0	29.5	3.05	31.7	2.75	33.4	2.60	34.2	2.55		
57.0	31.7	2.45	33.7	2.25	35.4	2.15	36.1	2.10		
55.0	33.2	2.10	35.1	1.95	36.6	1.90	37.2	1.90		
53.0	34.5	1.80	36.4	1.70	37.9	1.60	38.4	1.60		
52.0	35.2	1.70	37.0	1.55	38.5	1.50				
50.0	36.6	1.45	38.3	1.35	39.6	1.30				
47.0	38.5	1.15	40.1	1.05	41.2	1.05				
45.0	39.7	0.90	41.3	0.85	42.2	0.85				
42.0	41.5	0.55	42.9	0.55	43.6	0.55				
41.0	42.1	0.50	43.4	0.50	44.1	0.50				
Min. boom angle(°)	40		40		40		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA3**

Outriggers intermediately extended (5.0m) over side, with 25.8ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.25	21.0	3.40	22.7	2.80	23.6	2.35
72.0	18.2	4.30	21.1	4.00	23.7	3.20	25.2	2.75	25.9	2.35
70.0	20.3	4.30	23.0	3.80	25.4	3.10	26.9	2.70	27.4	2.35
67.0	23.3	4.10	25.8	3.50	27.9	3.00	29.2	2.65	29.6	2.35
65.0	24.9	3.50	27.4	3.05	29.6	2.80	30.7	2.60		
62.0	27.4	2.70	29.6	2.45	31.6	2.25	32.7	2.15		
60.0	29.0	2.25	31.1	2.05	33.0	1.90	33.9	1.90		
57.0	31.3	1.70	33.3	1.60	35.0	1.50	35.8	1.45		
55.0	32.8	1.45	34.7	1.35	36.3	1.25	37.0	1.25		
53.0	34.1	1.15	36.0	1.05	37.6	1.00	38.1	1.00		
52.0	34.8	1.00	36.6	0.90	38.2	0.90				
50.0	36.1	0.70	37.9	0.65	39.4	0.65				
49.0	36.7	0.60	38.5	0.55						
Min. boom angle(°)	48		48		49		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA4**

Outriggers intermediately extended (4.2m) over side, with 25.8ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.25	21.0	3.40	22.7	2.80	23.6	2.35
72.0	18.2	4.30	21.1	4.00	23.7	3.20	25.2	2.75	25.9	2.35
70.0	20.3	4.30	23.0	3.80	25.4	3.10	26.9	2.70	27.4	2.35
67.0	22.8	3.40	25.4	2.95	27.7	2.65	29.1	2.50	29.6	2.35
65.0	24.5	2.80	27.0	2.45	29.2	2.20	30.4	2.15		
62.0	27.0	2.05	29.3	1.85	31.3	1.70	32.4	1.65		
60.0	28.6	1.65	30.8	1.50	32.6	1.40	33.7	1.35		
57.0	31.0	1.05	32.9	1.00	34.6	0.95	35.6	0.90		
56.0	31.7	0.85								
Min. boom angle(°)	55		56		56		56		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SA1**

Outriggers fully extended (7.2m) 360° full range, with 25.8ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.70	25.2	2.40	28.4	1.90	30.6	1.60	31.5	1.40
70.0	22.9	2.70	27.2	2.30	30.3	1.85	32.3	1.60	33.0	1.40
67.0	26.4	2.70	30.1	2.15	32.9	1.75	34.7	1.55	35.2	1.40
65.0	28.5	2.65	31.9	2.10	34.6	1.70	36.2	1.55		
62.0	31.5	2.50	34.6	1.95	37.1	1.70	38.5	1.55		
60.0	33.4	2.35	36.3	1.85	38.7	1.65	39.9	1.55		
57.0	36.1	2.15	38.8	1.75	41.0	1.60	41.9	1.50		
55.0	37.9	2.10	40.4	1.70	42.4	1.60	43.2	1.50		
53.0	39.5	1.95	41.9	1.65	43.8	1.60	44.4	1.50		
52.0	40.3	1.90	42.6	1.60	44.4	1.55				
50.0	41.9	1.80	44.0	1.60	45.7	1.55				
47.0	43.8	1.50	46.0	1.40	47.4	1.35				
45.0	45.1	1.35	47.1	1.25	48.4	1.25				
42.0	47.0	1.10	48.8	1.05	49.8	1.05				
40.0	48.1	0.90	49.9	0.90	50.8	0.90				
35.0	50.8	0.55	52.3	0.55						
34.0	51.3	0.50	52.7	0.50						
Min. boom angle (°)	33		33		39		50		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA2**

Outriggers intermediately extended (6.0m) over side, with 25.8ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.70	25.2	2.40	28.4	1.90	30.6	1.60	31.5	1.40
70.0	22.9	2.70	27.2	2.30	30.3	1.85	32.3	1.60	33.0	1.40
67.0	26.4	2.70	30.1	2.15	32.9	1.75	34.7	1.55	35.2	1.40
65.0	28.5	2.65	31.9	2.10	34.6	1.70	36.2	1.55		
62.0	31.5	2.50	34.6	1.95	37.1	1.70	38.5	1.55		
60.0	33.4	2.35	36.3	1.85	38.7	1.65	39.9	1.55		
57.0	36.1	1.95	38.8	1.75	41.0	1.60	41.9	1.50		
55.0	37.5	1.70	40.4	1.55	42.4	1.45	43.2	1.45		
53.0	39.0	1.50	41.6	1.35	43.6	1.30	44.3	1.30		
52.0	39.8	1.35	42.3	1.25	44.2	1.20				
50.0	41.2	1.15	43.6	1.10	45.4	1.05				
47.0	43.2	0.85	45.4	0.80	47.0	0.80				
45.0	44.4	0.65	46.6	0.65	48.0	0.65				
43.0	45.6	0.50	47.7	0.50	49.0	0.50				
Min. boom angle (°)	42		42		42		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA3**

Outriggers intermediately extended (5.0m) over side, with 25.8ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.70	25.2	2.40	28.4	1.90	30.6	1.60	31.5	1.40
70.0	22.9	2.70	27.2	2.30	30.3	1.85	32.3	1.60	33.0	1.40
67.0	26.4	2.70	30.1	2.15	32.9	1.75	34.7	1.55	35.2	1.40
65.0	28.5	2.65	31.9	2.10	34.6	1.70	36.2	1.55		
62.0	31.2	2.20	34.6	1.90	37.1	1.70	38.5	1.55		
60.0	32.8	1.85	36.0	1.60	38.5	1.50	39.9	1.45		
57.0	35.3	1.40	38.3	1.25	40.6	1.20	41.7	1.15		
55.0	36.8	1.10	39.7	1.00	41.8	0.95	42.9	0.95		
53.0	38.2	0.85	41.1	0.75	43.1	0.75	44.0	0.75		
52.0	39.0	0.75	41.8	0.65	43.7	0.65				
51.0	39.6	0.60	42.4	0.55	44.3	0.55				
Min. boom angle (°)	50		50		50		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA4**

Outriggers intermediately extended (4.2m) over side, with 25.8ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.70	25.2	2.40	28.4	1.90	30.6	1.60	31.5	1.40
70.0	22.9	2.70	27.2	2.30	30.3	1.85	32.3	1.60	33.0	1.40
67.0	26.4	2.70	30.1	2.15	32.9	1.75	34.7	1.55	35.2	1.40
65.0	28.1	2.25	31.7	1.90	34.6	1.70	36.2	1.55		
62.0	30.6	1.70	34.0	1.45	36.8	1.30	38.3	1.25		
60.0	32.2	1.30	35.5	1.10	38.1	1.00	39.5	1.00		
59.0	33.0	1.15	36.2	0.95	38.7	0.90	40.1	0.85		
58.0	33.8	1.00	36.9	0.85	39.3	0.75				
Min. boom angle (°)	57		57		57		57		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SA1**

Outriggers fully extended (7.2m) 360° full range, with 25.8ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.50	18.9	4.50	19.5	4.50
75.0	16.5	4.50	18.0	4.50	19.7	4.50	20.9	4.50	21.5	4.50
72.0	19.9	4.50	21.2	4.50	22.9	4.50	24.0	4.50	24.4	4.50
70.0	22.1	4.50	23.2	4.50	24.9	4.50	25.9	4.50	26.2	4.35
68.0	24.3	4.50	25.3	4.50	27.0	4.50	27.6	4.45	28.1	3.30
67.0	25.4	4.50	26.5	4.50	27.9	4.50	28.4	4.35		
65.0	27.3	4.45	28.5	4.35	29.6	4.10	30.0	4.00		
62.0	29.9	3.70	31.0	3.50	32.0	3.40	32.4	3.35		
60.0	31.6	3.20	32.6	3.00	33.5	2.95	33.9	2.95		
57.0	33.6	2.65	34.5	2.55	35.4	2.45	36.1	2.35		
55.0	35.1	2.30	35.9	2.20	36.7	2.15	37.2	2.10		
52.0	37.2	1.85	38.0	1.80	38.6	1.75				
50.0	38.5	1.60	39.3	1.55	39.9	1.50				
47.0	40.4	1.25	41.2	1.25	41.7	1.25				
45.0	41.7	1.00	42.4	1.00	42.8	1.00				
42.0	43.5	0.70	44.2	0.70	44.4	0.70				
41.0	44.1	0.60	44.7	0.60	44.9	0.60				
40.0	44.6	0.50	45.2	0.50						
Min. boom angle(°)	39		39		39		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA2**

Outriggers intermediately extended (6.0m) over side, with 25.8ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.50	18.9	4.50	19.5	4.50
75.0	16.5	4.50	18.0	4.50	19.7	4.50	20.9	4.50	21.5	4.50
72.0	19.9	4.50	21.2	4.50	22.9	4.50	24.0	4.50	24.4	4.50
70.0	22.1	4.50	23.2	4.50	24.9	4.50	25.9	4.50	26.2	4.35
68.0	24.3	4.50	25.3	4.30	26.6	4.05	27.2	4.00	28.1	3.30
67.0	25.4	4.10	26.2	3.95	27.4	3.75	28.0	3.70		
65.0	26.6	3.65	27.8	3.40	29.0	3.20	29.5	3.20		
62.0	29.0	2.85	30.1	2.70	31.2	2.60	31.7	2.55		
60.0	30.6	2.45	31.6	2.30	32.7	2.20	33.1	2.20		
57.0	32.9	1.85	33.8	1.80	34.8	1.70	35.2	1.70		
55.0	34.4	1.55	35.3	1.50	36.2	1.40	36.5	1.40		
52.0	36.6	1.10	37.4	1.10	38.1	1.10				
50.0	37.9	0.85	38.7	0.85	39.4	0.85				
48.0	39.1	0.60	39.9	0.60	40.5	0.60				
Min. boom angle(°)	47		47		47		52		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA3**

Outriggers intermediately extended (5.0m) over side, with 25.8ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.50	18.9	4.50	19.5	4.50
75.0	16.5	4.50	18.0	4.50	19.7	4.50	20.9	4.50	21.5	4.50
72.0	19.9	4.50	21.2	4.50	22.9	4.50	24.0	4.25	24.4	4.15
70.0	22.1	4.35	23.2	4.10	24.5	3.80	25.4	3.65	26.2	3.40
68.0	23.8	3.60	24.9	3.40	26.1	3.25	26.8	3.15	28.1	2.75
67.0	24.6	3.30	25.7	3.15	26.8	3.00	27.6	2.90		
65.0	26.2	2.75	27.2	2.65	28.4	2.50	29.0	2.45		
62.0	28.5	2.10	29.5	2.00	30.7	1.85	31.2	1.85		
60.0	30.1	1.70	31.1	1.60	32.2	1.55	32.6	1.55		
58.0	31.7	1.30	32.6	1.30	33.7	1.20	34.0	1.20		
57.0	32.4	1.10	33.3	1.10	34.4	1.05				
Min. boom angle(°)	56		56		56		56		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA4**

Outriggers intermediately extended (4.2m) over side, with 25.8ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.50	18.9	4.50	19.5	4.50
75.0	16.5	4.50	18.0	4.50	19.7	4.50	20.9	4.50	21.5	4.50
72.0	19.9	4.35	21.1	4.05	22.4	3.80	23.4	3.55	24.1	3.40
70.0	21.6	3.60	22.8	3.30	24.1	3.10	24.9	3.00	25.8	2.75
68.0	23.3	2.90	24.4	2.70	25.6	2.55	26.4	2.50	27.6	2.20
67.0	24.1	2.65	25.2	2.45	26.4	2.30	27.2	2.25		
65.0	25.7	2.10	26.8	2.00	28.0	1.85	28.6	1.85		
62.0	28.1	1.40	29.1	1.40	30.3	1.30	30.8	1.30		
Min. boom angle(°)	61		61		61		61		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SA1**

Outriggers fully extended (7.2m) 360° full range, with 25.8ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.4	3.20	24.1	2.75	24.8	2.35
75.0	18.3	3.20	21.6	3.20	24.7	3.15	26.1	2.70	26.7	2.35
72.0	22.1	3.20	25.2	3.20	27.8	3.05	29.0	2.65	29.5	2.35
70.0	24.5	3.20	27.6	3.20	29.8	2.95	31.0	2.60	31.3	2.30
68.0	26.9	3.20	29.9	3.20	31.7	2.85	32.8	2.60	33.1	2.25
67.0	28.0	3.20	30.8	3.15	32.7	2.80	33.7	2.60		
65.0	30.3	3.20	32.6	3.10	34.6	2.75	35.5	2.55		
62.0	33.6	3.10	35.4	2.90	37.2	2.65	38.0	2.55		
60.0	35.4	2.65	37.2	2.55	38.9	2.40	39.6	2.40		
57.0	37.6	2.20	39.5	2.10	41.0	2.00	42.0	1.95		
55.0	39.1	1.90	41.0	1.80	42.4	1.75	43.6	1.65		
52.0	41.4	1.55	43.2	1.45	44.4	1.40				
50.0	42.9	1.35	44.6	1.25	45.7	1.25				
47.0	45.0	1.00	46.5	1.00	47.5	1.00				
45.0	46.3	0.80	47.8	0.80	48.7	0.80				
43.0	47.6	0.60	49.0	0.60	49.8	0.60				
Min. boom angle(°)	41		41		41		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA2**

Outriggers intermediately extended (6.0m) over side, with 25.8ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.4	3.20	24.1	2.75	24.8	2.35
75.0	18.3	3.20	21.6	3.20	24.7	3.15	26.1	2.70	26.7	2.35
72.0	22.1	3.20	25.2	3.20	27.8	3.05	29.0	2.65	29.5	2.35
70.0	24.5	3.20	27.6	3.20	29.8	2.95	31.0	2.60	31.3	2.30
68.0	26.9	3.20	29.9	3.20	31.7	2.85	32.8	2.60	33.1	2.25
67.0	28.0	3.20	30.8	3.15	32.7	2.80	33.7	2.60		
65.0	30.3	2.95	32.3	2.75	34.6	2.50	35.5	2.45		
62.0	32.6	2.40	34.7	2.20	36.7	2.05	37.6	2.00		
60.0	34.3	2.00	36.3	1.90	38.2	1.75	39.0	1.75		
57.0	36.8	1.50	38.7	1.45	40.3	1.35	40.9	1.40		
55.0	38.4	1.25	40.3	1.20	41.8	1.15	42.1	1.15		
52.0	40.7	0.85	42.5	0.80	43.8	0.80				
51.0	41.4	0.75	43.2	0.70	44.4	0.70				
50.0	42.1	0.60	43.8	0.60						
49.0	42.7	0.55								
Min. boom angle(°)	48		49		49		52		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA3**

Outriggers intermediately extended (5.0m) over side, with 25.8ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.4	3.20	24.1	2.75	24.8	2.35
75.0	18.3	3.20	21.6	3.20	24.7	3.15	26.1	2.70	26.7	2.35
72.0	22.1	3.20	25.2	3.20	27.8	3.05	29.0	2.65	29.5	2.35
70.0	24.5	3.20	27.6	3.20	29.8	2.90	31.0	2.60	31.3	2.30
68.0	26.9	3.00	29.3	2.65	31.4	2.45	32.6	2.40	33.1	2.25
67.0	27.6	2.75	30.1	2.45	32.2	2.25	33.4	2.20		
65.0	29.4	2.30	31.6	2.10	33.7	1.90	34.9	1.85		
62.0	31.9	1.70	34.1	1.60	36.1	1.45	37.1	1.45		
60.0	33.6	1.40	35.7	1.30	37.6	1.20	38.5	1.20		
59.0	34.4	1.25	36.5	1.10	38.3	1.05	39.2	1.05		
58.0	35.2	1.05	37.3	0.95						
Min. boom angle(°)	57		57		57		57		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA4**

Outriggers intermediately extended (4.2m) over side, with 25.8ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.4	3.20	24.1	2.75	24.8	2.35
75.0	18.3	3.20	21.6	3.20	24.7	3.15	26.1	2.70	26.7	2.35
72.0	22.1	3.20	25.2	3.15	27.5	2.85	29.0	2.65	29.5	2.35
70.0	24.3	2.95	27.0	2.55	29.2	2.35	30.6	2.25	31.3	2.20
68.0	26.1	2.40	28.7	2.10	30.8	1.95	32.2	1.85	33.0	1.80
67.0	27.0	2.15	29.5	1.90	31.7	1.75	33.0	1.70		
65.0	28.8	1.75	31.1	1.60	33.3	1.45	34.5	1.40		
64.0	29.6	1.55	31.9	1.40						
63.0	30.5	1.35								
Min. boom angle(°)	62		63		63		63		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS  
SA  
SB  
SC  
SD  
SE

33.2m Boom  
40.5m Boom  
47.9m Boom  
51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SA1**

Outriggers fully extended (7.2m) 360° full range, with 25.8ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.2	2.20	28.9	1.90	31.3	1.60	32.3	1.40
72.0	24.7	2.20	29.1	2.20	32.3	1.80	34.3	1.55	35.1	1.40
70.0	27.5	2.20	31.7	2.20	34.5	1.75	36.3	1.55	36.9	1.35
68.0	30.0	2.20	33.9	2.10	36.5	1.70	38.2	1.55	38.6	1.30
67.0	31.3	2.20	34.9	2.05	37.5	1.70	39.2	1.55		
65.0	33.7	2.20	37.0	1.90	39.4	1.70	41.0	1.50		
62.0	37.3	2.20	40.1	1.80	42.2	1.60	43.5	1.50		
60.0	39.4	2.15	42.1	1.70	44.1	1.60	45.1	1.50		
57.0	42.1	1.80	44.9	1.65	46.7	1.55	47.4	1.45		
55.0	43.7	1.60	46.4	1.45	48.4	1.35	48.9	1.40		
52.0	46.2	1.25	48.6	1.20	50.2	1.15				
50.0	47.7	1.05	50.0	1.00	51.5	1.00				
47.0	49.8	0.75	52.0	0.75	53.3	0.75				
45.0	51.1	0.60	53.2	0.55	54.4	0.55				
Min. boom angle(°)	43		43		43		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA2**

Outriggers intermediately extended (6.0m) over side, with 25.8ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.2	2.20	28.9	1.90	31.3	1.60	32.3	1.40
72.0	24.7	2.20	29.1	2.20	32.3	1.80	34.3	1.55	35.1	1.40
70.0	27.5	2.20	31.7	2.20	34.5	1.75	36.3	1.55	36.9	1.35
68.0	30.0	2.20	33.9	2.10	36.5	1.70	38.2	1.55	38.6	1.30
67.0	31.3	2.20	34.9	2.05	37.5	1.70	39.2	1.55		
65.0	33.7	2.20	37.0	1.90	39.4	1.70	41.0	1.50		
62.0	36.8	1.90	40.1	1.70	42.2	1.60	43.5	1.50		
60.0	38.5	1.60	41.6	1.45	43.8	1.40	45.1	1.35		
57.0	41.0	1.25	43.9	1.15	46.0	1.10	46.9	1.10		
55.0	42.7	1.00	45.4	0.90	47.5	0.90	48.1	0.90		
53.0	44.2	0.75	46.8	0.70	48.8	0.70				
52.0	45.0	0.65	47.6	0.60						
Min. boom angle(°)	51		51		51		52		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA3**

Outriggers intermediately extended (5.0m) over side, with 25.8ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.2	2.20	28.9	1.90	31.3	1.60	32.3	1.40
72.0	24.7	2.20	29.1	2.20	32.3	1.80	34.3	1.55	35.1	1.40
70.0	27.5	2.20	31.7	2.20	34.5	1.75	36.3	1.55	36.9	1.35
68.0	30.0	2.20	33.9	2.10	36.5	1.70	38.2	1.55	38.6	1.30
67.0	31.3	2.20	34.9	1.90	37.5	1.70	39.2	1.55		
65.0	33.2	1.85	36.5	1.60	39.2	1.50	41.0	1.45		
62.0	35.8	1.40	39.1	1.20	41.6	1.15	43.0	1.10		
61.0	36.6	1.25	39.9	1.05	42.4	1.00				
60.0	37.5	1.10	40.6	0.95						
Min. boom angle(°)	59		59		59		59		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA4**

Outriggers intermediately extended (4.2m) over side, with 25.8ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.2	2.20	28.9	1.90	31.3	1.60	32.3	1.40
72.0	24.7	2.20	29.1	2.20	32.3	1.80	34.3	1.55	35.1	1.40
70.0	27.5	2.20	31.7	2.20	34.5	1.75	36.3	1.55	36.9	1.35
69.0	28.8	2.15	32.3	1.85	35.3	1.65	37.2	1.55	37.8	1.35
68.0	29.6	1.95	33.2	1.65	36.2	1.50	38.0	1.45		
67.0	30.5	1.75	34.1	1.50	37.0	1.35				
66.0	31.4	1.60	35.0	1.30						
65.0	32.4	1.35								
Min. boom angle(°)	64		65		65		65		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SA1**

Outriggers fully extended (7.2m) 360° full range, with 25.8ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	17.2	4.10	19.0	4.10	20.4	4.10	21.0	4.10
75.0	18.2	4.10	19.6	4.10	21.4	4.10	22.6	4.10	23.1	4.10
72.0	21.8	4.10	23.3	4.10	24.8	4.00	25.8	3.85	26.0	3.80
70.0	24.3	4.10	25.4	4.05	26.7	3.80	27.6	3.60	27.8	3.55
69.0	25.4	4.10	26.5	3.95	27.7	3.65	28.5	3.45	28.6	3.45
67.0	27.5	3.80	28.5	3.55	29.6	3.30	30.3	3.20		
65.0	29.3	3.40	30.4	3.20	31.4	3.00	32.0	2.95		
62.0	32.0	2.80	33.0	2.70	33.9	2.55	34.4	2.50		
60.0	33.8	2.45	34.7	2.40	35.5	2.30	36.0	2.25		
57.0	36.2	2.00	37.1	1.95	37.9	1.90	38.2	1.90		
55.0	37.7	1.70	38.6	1.60	39.4	1.60	39.6	1.60		
52.0	39.8	1.30	40.6	1.30	41.3	1.25				
50.0	41.2	1.05	42.0	1.05	42.6	1.05				
47.0	43.2	0.70	43.9	0.70	44.4	0.70				
46.0	43.8	0.55	44.6	0.55	45.0	0.55				
Min. boom angle(°)	44		44		44		51		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA2**

Outriggers intermediately extended (6.0m) over side, with 25.8ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	17.2	4.10	19.0	4.10	20.4	4.10	21.0	4.10
75.0	18.2	4.10	19.6	4.10	21.4	4.10	22.6	4.10	23.1	4.10
72.0	21.8	4.10	23.3	4.10	24.8	4.00	25.8	3.85	26.0	3.80
70.0	24.3	4.10	25.4	4.05	26.7	3.80	27.6	3.60	27.8	3.55
69.0	25.4	4.05	26.5	3.80	27.7	3.65	28.5	3.45	28.6	3.45
67.0	27.1	3.45	28.2	3.25	29.6	3.00	30.3	2.95		
65.0	28.8	2.90	29.9	2.70	31.0	2.60	31.7	2.55		
62.0	31.4	2.20	32.3	2.10	33.4	2.00	34.0	2.00		
60.0	33.0	1.80	33.9	1.70	35.0	1.65	35.4	1.65		
57.0	35.4	1.30	36.2	1.30	37.2	1.25	37.6	1.20		
56.0	36.1	1.15	36.9	1.15	37.9	1.10	38.3	1.10		
55.0	36.8	0.95	37.6	0.95	38.7	0.95				
54.0	37.6	0.80	38.3	0.80						
Min. boom angle(°)	53		53		53		53		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA3**

Outriggers intermediately extended (5.0m) over side, with 25.8ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	17.2	4.10	19.0	4.10	20.4	4.10	21.0	4.10
75.0	18.2	4.10	19.6	4.10	21.4	4.10	22.6	4.10	23.1	4.10
72.0	21.8	4.10	23.3	4.00	24.6	3.75	25.5	3.60	26.0	3.50
70.0	23.8	3.55	24.9	3.35	26.3	3.15	27.1	3.00	27.3	3.00
69.0	24.7	3.20	25.7	3.10	27.1	2.85	27.9	2.75	28.1	2.75
67.0	26.4	2.65	27.4	2.55	28.8	2.35	29.5	2.30		
65.0	28.1	2.15	29.1	2.05	30.3	1.95	31.1	1.85		
63.0	29.8	1.75	30.8	1.65	31.9	1.55	32.6	1.50		
62.0	30.7	1.50	31.6	1.45						
Min. boom angle(°)	61		61		61		61		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA4**

Outriggers intermediately extended (4.2m) over side, with 25.8ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	17.2	4.10	19.0	4.10	20.4	4.10	21.0	4.10
75.0	18.2	4.10	19.6	4.10	21.4	4.10	22.5	3.95	22.9	3.90
72.0	21.5	3.60	22.6	3.35	24.0	3.10	25.0	2.95	25.3	2.95
70.0	23.2	2.90	24.3	2.70	25.7	2.50	26.6	2.40	26.9	2.40
69.0	24.1	2.60	25.2	2.40	26.6	2.20	27.4	2.15	27.6	2.15
67.0	25.8	2.05	26.8	1.95	28.2	1.80	29.1	1.70		
66.0	26.6	1.80	27.7	1.70	29.0	1.60	29.9	1.50		
Min. boom angle(°)	65		65		65		65		66	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

### Specification SA1

Outriggers fully extended (7.2m) 360° full range, with 25.8ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	3.00	23.8	3.00	25.6	2.75	26.2	2.35
75.0	19.7	3.00	23.1	3.00	26.3	3.00	27.8	2.70	28.3	2.30
72.0	23.8	3.00	27.0	3.00	29.8	2.90	31.0	2.60	31.3	2.30
70.0	26.5	3.00	29.6	3.00	31.8	2.70	33.0	2.45	33.2	2.30
69.0	27.9	3.00	30.7	2.90	32.7	2.60	34.0	2.40	34.2	2.25
67.0	30.4	2.95	32.8	2.75	34.7	2.40	35.8	2.25		
65.0	32.5	2.85	34.8	2.55	36.5	2.25	37.7	2.10		
62.0	35.6	2.40	37.8	2.20	39.3	2.00	40.2	1.90		
60.0	37.6	2.10	39.6	1.95	41.2	1.80	41.8	1.75		
57.0	40.3	1.65	42.2	1.60	43.6	1.50	44.0	1.45		
55.0	41.9	1.40	43.7	1.35	45.1	1.30	45.4	1.35		
52.0	44.2	1.05	45.9	1.00	47.1	1.00				
50.0	45.6	0.80	47.3	0.80	48.4	0.80				
47.0	47.7	0.50	49.3	0.50	50.3	0.50				
Min. boom angle (°)	45		45		45		51		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

### Specification SA2

Outriggers intermediately extended (6.0m) over side, with 25.8ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	3.00	23.8	3.00	25.6	2.75	26.2	2.35
75.0	19.7	3.00	23.1	3.00	26.3	3.00	27.8	2.70	28.3	2.30
72.0	23.8	3.00	27.0	3.00	29.8	2.90	31.0	2.60	31.3	2.30
70.0	26.5	3.00	29.6	3.00	31.8	2.70	33.0	2.45	33.2	2.30
69.0	27.9	3.00	30.7	2.90	32.7	2.60	34.0	2.40	34.2	2.25
67.0	30.4	2.85	32.8	2.55	34.7	2.40	35.8	2.25		
65.0	32.1	2.45	34.4	2.20	36.5	2.05	37.7	1.95		
62.0	34.8	1.80	37.0	1.65	38.7	1.60	39.8	1.55		
60.0	36.7	1.50	38.7	1.40	40.4	1.30	41.3	1.30		
58.0	38.4	1.20	40.4	1.10	42.1	1.05	42.7	1.05		
57.0	39.3	1.05	41.2	1.00	42.8	0.90				
Min. boom angle (°)	55		55		55		55		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

### Specification SA3

Outriggers intermediately extended (5.0m) over side, with 25.8ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	3.00	23.8	3.00	25.6	2.75	26.2	2.35
75.0	19.7	3.00	23.1	3.00	26.3	3.00	27.8	2.70	28.3	2.30
72.0	23.8	3.00	27.0	3.00	29.8	2.85	31.0	2.60	31.3	2.30
70.0	26.5	3.00	29.1	2.65	31.4	2.40	32.8	2.30	33.2	2.30
69.0	27.5	2.70	30.0	2.40	32.2	2.20	33.7	2.10	34.2	2.10
67.0	29.4	2.20	31.8	2.00	33.9	1.85	35.3	1.75		
65.0	31.2	1.80	33.6	1.65	35.6	1.50	36.9	1.45		
64.0	32.0	1.65	34.5	1.45	36.4	1.35	37.7	1.30		
63.0	32.9	1.45								
Min. boom angle (°)	61		62		62		62		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

### Specification SA4

Outriggers intermediately extended (4.2m) over side, with 25.8ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	3.00	23.8	3.00	25.6	2.75	26.2	2.35
75.0	19.7	3.00	23.1	3.00	26.3	3.00	27.8	2.70	28.3	2.30
72.0	23.8	3.00	26.6	2.65	29.0	2.35	30.6	2.25	31.3	2.20
70.0	25.8	2.45	28.4	2.15	30.7	1.95	32.3	1.80	32.8	1.80
69.0	26.8	2.15	29.3	1.90	31.6	1.75	33.1	1.65	33.5	1.65
68.0	27.7	1.95	30.2	1.70	32.4	1.60	33.9	1.45		
Min. boom angle (°)	66		66		66		66		66	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									





Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SA1**

Outriggers fully extended (7.2m) 360° full range, with 25.8ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
77.0	19.0	2.10	24.3	2.10	28.5	1.95	30.8	1.60	31.9	1.40
75.0	22.2	2.10	27.2	2.10	30.9	1.85	33.1	1.60	33.9	1.40
72.0	26.8	2.10	31.4	2.10	34.6	1.75	36.4	1.55	36.9	1.40
70.0	29.8	2.10	34.0	2.05	36.8	1.75	38.5	1.55	38.8	1.40
69.0	31.2	2.10	35.2	2.05	37.9	1.75	39.5	1.55	39.7	1.40
67.0	33.8	2.10	37.5	1.95	40.0	1.65	41.5	1.50		
65.0	36.5	2.10	39.7	1.85	42.2	1.60	43.4	1.50		
62.0	39.8	2.00	43.0	1.70	45.1	1.45	46.1	1.40		
60.0	41.7	1.80	44.9	1.55	46.8	1.40	47.6	1.35		
57.0	44.4	1.40	47.4	1.30	49.3	1.25	49.9	1.20		
55.0	46.2	1.15	49.0	1.05	50.8	1.05	51.4	1.05		
52.0	48.6	0.80	51.2	0.75	53.0	0.75				
50.0	50.2	0.60	52.6	0.55	54.4	0.55				
49.0	51.0	0.50	53.3	0.50						
Min. boom angle (°)	47		47		48		51		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA2**

Outriggers intermediately extended (6.0m) over side, with 25.8ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
77.0	19.0	2.10	24.3	2.10	28.5	1.95	30.8	1.60	31.9	1.40
75.0	22.2	2.10	27.2	2.10	30.9	1.85	33.1	1.60	33.9	1.40
72.0	26.8	2.10	31.4	2.10	34.6	1.75	36.4	1.55	36.9	1.40
70.0	29.8	2.10	34.0	2.05	36.8	1.75	38.5	1.55	38.8	1.40
69.0	31.2	2.10	35.2	2.05	37.9	1.75	39.5	1.55	39.7	1.40
67.0	33.8	2.10	37.5	1.95	40.0	1.65	41.5	1.50		
65.0	36.5	1.90	39.7	1.65	42.2	1.60	43.4	1.50		
62.0	38.8	1.50	42.1	1.30	44.6	1.25	45.8	1.25		
60.0	40.5	1.25	43.7	1.10	46.1	1.05	47.2	1.05		
59.0	41.4	1.10	44.5	0.95	46.9	0.90	47.9	0.90		
58.0	42.2	0.95	45.2	0.85	47.6	0.80				
Min. boom angle (°)	56		56		56		56		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA3**

Outriggers intermediately extended (5.0m) over side, with 25.8ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
77.0	19.0	2.10	24.3	2.10	28.5	1.95	30.8	1.60	31.9	1.40
75.0	22.2	2.10	27.2	2.10	30.9	1.85	33.1	1.60	33.9	1.40
72.0	26.8	2.10	31.4	2.10	34.6	1.75	36.4	1.55	36.9	1.40
70.0	29.8	2.10	34.0	2.05	36.8	1.75	38.5	1.55	38.8	1.40
69.0	31.2	2.10	34.8	1.85	37.9	1.70	39.5	1.55	39.7	1.40
67.0	33.1	1.80	36.6	1.55	39.5	1.45	41.3	1.35		
66.0	34.1	1.60	37.4	1.45	40.4	1.30	42.1	1.25		
65.0	35.0	1.45	38.3	1.25	41.2	1.15				
64.0	35.8	1.30								
Min. boom angle (°)	62		63		63		63		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SA4**

Outriggers intermediately extended (4.2m) over side, with 25.8ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
77.0	19.0	2.10	24.3	2.10	28.5	1.95	30.8	1.60	31.9	1.40
75.0	22.2	2.10	27.2	2.10	30.9	1.85	33.1	1.60	33.9	1.40
72.0	26.8	2.10	31.4	1.95	34.6	1.75	36.4	1.55	36.9	1.40
71.0	28.3	2.10	32.1	1.80	35.3	1.60	37.5	1.50		
70.0	29.3	1.95	33.0	1.65	36.2	1.45				
69.0	30.4	1.70								
Min. boom angle (°)	67		68		68		68		68	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SB1**

Outriggers fully extended (7.2m) 360° full range, with 21.8ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.55	15.7	4.75
72.0	13.3	5.60	14.5	5.60	16.1	5.60	17.1	5.45	17.5	4.70
70.0	14.8	5.60	15.9	5.60	17.4	5.60	18.4	5.35	18.7	4.70
67.0	16.9	5.60	18.0	5.60	19.4	5.60	20.2	5.25	20.5	4.70
65.0	18.3	5.60	19.4	5.60	20.7	5.60	21.5	5.20	21.6	4.70
64.0	19.0	5.60	20.1	5.60	21.4	5.60	22.0	5.15	22.2	4.65
62.0	20.4	5.60	21.4	5.60	22.6	5.55	23.1	5.10		
60.0	21.7	5.60	22.7	5.60	23.8	5.45	24.2	5.05		
57.0	23.6	5.40	24.5	5.15	25.5	4.85	25.8	4.85		
55.0	24.6	4.90	25.5	4.65	26.4	4.50	26.8	4.40		
52.0	26.2	4.20	27.0	4.05	27.8	3.90	28.0	3.90		
51.0	26.7	4.00	27.5	3.85	28.3	3.70	28.4	3.75		
50.0	27.2	3.80	28.0	3.65	28.8	3.55				
47.0	28.7	3.30	29.4	3.20	30.1	3.10				
45.0	29.7	3.00	30.4	2.90	31.0	2.80				
42.0	31.1	2.55	31.7	2.55	32.2	2.50				
40.0	32.0	2.35	32.5	2.30	32.9	2.30				
37.0	33.2	2.10	33.7	2.05	34.0	2.00				
35.0	34.0	1.90	34.4	1.85						
30.0	35.7	1.50	36.1	1.50						
25.0	37.2	1.25	37.4	1.25						
22.0	37.9	1.15	38.1	1.10						
20.0	38.4	1.05								
Min. boom angle(°)	18		20		35		49		62	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB2**

Outriggers intermediately extended (6.0m) over side, with 21.8ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.55	15.7	4.75
72.0	13.3	5.60	14.5	5.60	16.1	5.60	17.1	5.45	17.5	4.70
70.0	14.8	5.60	15.9	5.60	17.4	5.60	18.4	5.35	18.7	4.70
67.0	16.9	5.60	18.0	5.60	19.4	5.60	20.2	5.25	20.5	4.70
65.0	18.3	5.60	19.4	5.60	20.7	5.60	21.5	5.20	21.6	4.70
64.0	19.0	5.60	20.1	5.60	21.4	5.60	22.0	5.15	22.2	4.65
62.0	20.4	5.60	21.4	5.25	22.4	5.00	23.1	4.85		
60.0	21.7	4.85	22.4	4.75	23.5	4.45	24.1	4.35		
57.0	23.2	4.15	24.1	3.95	25.1	3.75	25.5	3.70		
55.0	24.3	3.70	25.2	3.50	26.1	3.35	26.5	3.30		
52.0	25.9	3.10	26.7	2.95	27.6	2.85	27.8	2.85		
51.0	26.4	2.95	27.2	2.80	28.1	2.70	28.2	2.70		
50.0	26.9	2.80	27.7	2.65	28.5	2.55				
47.0	28.4	2.35	29.2	2.20	29.9	2.15				
45.0	29.4	2.05	30.1	2.00	30.7	1.95				
42.0	30.8	1.70	31.5	1.65	32.0	1.60				
40.0	31.7	1.50	32.3	1.45	32.7	1.45				
37.0	33.0	1.25	33.5	1.20	33.8	1.20				
35.0	33.8	1.05	34.3	1.05						
30.0	35.5	0.65	35.9	0.65						
27.0	36.4	0.50	36.8	0.50						
Min. boom angle(°)	26		26		35		49		62	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB3**

Outriggers intermediately extended (5.0m) over side, with 21.8ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.55	15.7	4.75
72.0	13.3	5.60	14.5	5.60	16.1	5.60	17.1	5.45	17.5	4.70
70.0	14.8	5.60	15.9	5.60	17.4	5.60	18.4	5.35	18.7	4.70
67.0	16.9	5.60	18.0	5.60	19.4	5.40	20.2	5.20	20.5	4.70
65.0	18.3	5.50	19.2	5.20	20.5	4.80	21.3	4.60	21.6	4.50
64.0	19.0	5.05	19.8	4.85	21.1	4.50	21.8	4.30	22.1	4.25
62.0	19.8	4.60	21.0	4.25	22.2	3.95	22.9	3.80		
60.0	21.0	4.00	22.2	3.70	23.3	3.45	23.9	3.35		
57.0	22.9	3.15	23.9	3.00	24.8	2.90	25.4	2.80		
55.0	24.0	2.75	25.0	2.60	25.9	2.50	26.3	2.45		
52.0	25.6	2.20	26.5	2.15	27.4	2.05	27.7	2.00		
51.0	26.1	2.05	27.0	2.00	27.9	1.90	28.1	1.90		
50.0	26.7	1.90	27.5	1.80	28.4	1.75				
47.0	28.2	1.50	29.0	1.45	29.7	1.40				
45.0	29.2	1.25	29.9	1.25	30.6	1.20				
42.0	30.6	0.85	31.3	0.85	31.8	0.85				
40.0	31.5	0.65	32.1	0.65	32.6	0.65				
39.0	31.9	0.55	32.6	0.55	32.9	0.55				
Min. boom angle(°)	38		38		38		49		62	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB4**

Outriggers intermediately extended (4.2m) over side, with 21.8ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.55	15.7	4.75
72.0	13.3	5.60	14.5	5.60	16.1	5.60	17.1	5.45	17.5	4.70
70.0	14.8	5.60	15.9	5.60	17.4	5.60	18.4	5.20	18.7	4.70
67.0	16.8	5.30	17.8	4.90	19.2	4.45	20.0	4.25	20.3	4.20
65.0	18.0	4.50	19.0	4.20	20.3	3.85	21.1	3.70	21.3	3.70
64.0	18.6	4.20	19.6	3.90	20.8	3.60	21.6	3.45	21.8	3.45
62.0	19.8	3.55	20.8	3.30	22.0	3.10	22.7	2.95		
60.0	21.0	3.00	22.0	2.80	23.0	2.70	23.7	2.55		
57.0	22.7	2.35	23.7	2.20	24.6	2.10	25.2	2.05		
55.0	23.8	2.00	24.8	1.85	25.7	1.80	26.2	1.75		
52.0	25.4	1.45	26.4	1.40	27.2	1.35	27.6	1.35		
51.0	25.9	1.30	26.8	1.25	27.7	1.20	28.0	1.20		
50.0	26.5	1.10	27.3	1.10	28.2	1.05				
47.0	28.0	0.70	28.7	0.70	29.5	0.70				
46.0	28.4	0.55	29.2	0.55	30.0	0.55				
Min. boom angle(°)	45		45		45		49		62	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SB1**

Outriggers fully extended (7.2m) 360° full range, with 21.8ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.50	19.6	3.95	21.9	3.20	23.5	2.75	24.2	2.35
67.0	19.4	4.50	21.8	3.65	24.0	3.05	25.4	2.70	26.0	2.35
65.0	21.0	4.45	23.3	3.50	25.4	2.95	26.7	2.65	27.1	2.35
62.0	23.2	4.15	25.4	3.30	27.3	2.85	28.5	2.60		
60.0	24.6	3.95	26.8	3.15	28.6	2.80	29.6	2.60		
57.0	26.7	3.65	28.7	2.95	30.4	2.70	31.3	2.55		
55.0	28.1	3.45	30.0	2.85	31.6	2.65	32.3	2.55		
52.0	30.0	3.20	31.8	2.75	33.3	2.60	33.8	2.55		
51.0	30.7	3.15	32.4	2.70	33.8	2.60	34.3	2.50		
50.0	31.3	3.10	33.0	2.65	34.3	2.55				
47.0	33.1	2.70	34.7	2.55	35.8	2.45				
45.0	34.1	2.45	35.7	2.35	36.7	2.25				
42.0	35.6	2.15	37.1	2.00	37.9	2.00				
40.0	36.6	1.95	38.0	1.85	38.7	1.85				
37.0	38.0	1.65	39.2	1.65	39.8	1.60				
35.0	38.9	1.50	40.0	1.45						
30.0	40.9	1.25	41.7	1.20						
25.0	42.6	1.00	43.2	1.00						
22.0	43.5	0.85	43.9	0.85						
20.0	44.0	0.80								
Min. boom angle(°)	19		20		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB3**

Outriggers intermediately extended (5.0m) over side, with 21.8ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.50	19.6	3.95	21.9	3.20	23.5	2.75	24.2	2.35
67.0	19.4	4.50	21.8	3.65	24.0	3.05	25.4	2.70	26.0	2.35
65.0	21.0	4.45	23.3	3.50	25.4	2.95	26.7	2.65	27.1	2.35
62.0	23.0	3.70	25.4	3.30	27.3	2.85	28.5	2.60		
60.0	24.4	3.20	26.6	2.85	28.6	2.60	29.6	2.55		
57.0	26.4	2.60	28.5	2.35	30.3	2.15	31.2	2.10		
55.0	27.7	2.25	29.7	2.05	31.4	1.90	32.1	1.85		
52.0	29.5	1.75	31.5	1.60	33.0	1.50	33.5	1.50		
51.0	30.1	1.65	32.1	1.50	33.5	1.40	34.0	1.40		
50.0	30.7	1.55	32.6	1.40	34.0	1.30				
47.0	32.4	1.20	34.2	1.10	35.4	1.05				
45.0	33.5	0.95	35.2	0.90	36.3	0.85				
42.0	35.0	0.65	36.7	0.60	37.6	0.60				
41.0	35.5	0.55	37.1	0.50	38.0	0.50				
Min. boom angle(°)	40		40		40		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB2**

Outriggers intermediately extended (6.0m) over side, with 21.8ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.50	19.6	3.95	21.9	3.20	23.5	2.75	24.2	2.35
67.0	19.4	4.50	21.8	3.65	24.0	3.05	25.4	2.70	26.0	2.35
65.0	21.0	4.45	23.3	3.50	25.4	2.95	26.7	2.65	27.1	2.35
62.0	23.2	4.15	25.4	3.30	27.3	2.85	28.5	2.60		
60.0	24.6	3.95	26.8	3.15	28.6	2.80	29.6	2.60		
57.0	26.7	3.45	28.7	2.95	30.4	2.70	31.3	2.55		
55.0	28.0	3.05	30.0	2.80	31.6	2.65	32.3	2.55		
52.0	29.8	2.55	31.8	2.35	33.2	2.20	33.7	2.20		
51.0	30.4	2.40	32.3	2.20	33.7	2.10	34.2	2.10		
50.0	31.0	2.25	32.8	2.10	34.2	2.00				
47.0	32.7	1.90	34.4	1.75	35.6	1.70				
45.0	33.8	1.65	35.4	1.55	36.5	1.50				
42.0	35.4	1.35	36.9	1.25	37.7	1.25				
40.0	36.4	1.20	37.8	1.10	38.5	1.10				
37.0	37.8	0.95	39.1	0.90	39.6	0.90				
35.0	38.7	0.80	39.8	0.80						
31.0	40.3	0.50	41.3	0.50						
Min. boom angle(°)	30		30		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB4**

Outriggers intermediately extended (4.2m) over side, with 21.8ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.50	19.6	3.95	21.9	3.20	23.5	2.75	24.2	2.35
67.0	19.4	4.30	21.8	3.65	24.0	3.05	25.4	2.70	26.0	2.35
65.0	20.7	3.75	23.2	3.25	25.4	2.90	26.7	2.65	27.1	2.35
62.0	22.7	2.95	25.1	2.55	27.2	2.30	28.4	2.20		
60.0	24.1	2.50	26.4	2.20	28.3	2.00	29.4	1.95		
57.0	26.1	1.90	28.3	1.70	30.1	1.60	31.0	1.55		
55.0	27.4	1.60	29.5	1.45	31.2	1.35	32.0	1.30		
52.0	29.3	1.10	31.3	1.00	32.8	0.95	33.4	0.95		
51.0	29.9	1.00	31.8	0.85	33.3	0.85	33.8	0.85		
50.0	30.4	0.85	32.4	0.75	33.8	0.70				
48.0	31.6	0.60	33.5	0.50	34.8	0.50				
Min. boom angle(°)	47		47		47		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SB1**

Outriggers fully extended (7.2m) 360° full range, with 21.8ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.4	2.95	25.9	2.30	29.0	1.85	31.0	1.60	31.6	1.40
65.0	24.1	2.90	27.5	2.15	30.5	1.75	32.3	1.55	32.7	1.40
62.0	26.7	2.65	29.9	2.05	32.6	1.70	34.1	1.55		
60.0	28.4	2.55	31.4	1.95	33.9	1.70	35.2	1.55		
57.0	30.7	2.30	33.5	1.85	35.8	1.65	36.9	1.55		
55.0	32.2	2.20	34.9	1.80	37.0	1.60	37.9	1.55		
52.0	34.4	2.05	36.9	1.70	38.8	1.60	39.5	1.55		
51.0	35.1	2.00	37.5	1.65	39.4	1.60	39.9	1.55		
50.0	35.7	1.95	38.1	1.60	39.9	1.60				
47.0	37.7	1.85	39.9	1.60	41.4	1.55				
45.0	39.0	1.80	41.0	1.55	42.4	1.55				
42.0	40.8	1.70	42.6	1.50	43.7	1.50				
40.0	41.9	1.55	43.6	1.45	44.6	1.45				
37.0	43.3	1.35	45.0	1.25	45.7	1.25				
35.0	44.2	1.25	45.7	1.20						
30.0	46.4	1.00	47.4	1.00						
25.0	48.1	0.75	48.8	0.75						
23.0	48.8	0.70	49.2	0.70						
22.0	49.0	0.65								
Min. boom angle (°)	20		21		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB2**

Outriggers intermediately extended (6.0m) over side, with 21.8ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.4	2.95	25.9	2.30	29.0	1.85	31.0	1.60	31.6	1.40
65.0	24.1	2.90	27.5	2.15	30.5	1.75	32.3	1.55	32.7	1.40
62.0	26.7	2.65	29.9	2.05	32.6	1.70	34.1	1.55		
60.0	28.4	2.55	31.4	1.95	33.9	1.70	35.2	1.55		
57.0	30.7	2.30	33.5	1.85	35.8	1.65	36.9	1.55		
55.0	32.2	2.20	34.9	1.80	37.0	1.60	37.9	1.55		
52.0	34.4	2.05	36.9	1.70	38.8	1.60	39.5	1.55		
51.0	35.1	1.90	37.5	1.65	39.4	1.60	39.9	1.55		
50.0	35.7	1.75	38.1	1.60	39.9	1.60				
47.0	37.4	1.50	39.8	1.35	41.3	1.30				
45.0	38.6	1.30	40.8	1.25	42.2	1.20				
42.0	40.3	1.10	42.4	1.00	43.5	1.00				
40.0	41.4	0.95	43.3	0.90	44.3	0.90				
37.0	42.9	0.70	44.6	0.70	45.3	0.70				
35.0	43.8	0.55	45.4	0.55						
34.0	44.3	0.50	45.8	0.50						
Min. boom angle (°)	33		33		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB3**

Outriggers intermediately extended (5.0m) over side, with 21.8ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.4	2.95	25.9	2.30	29.0	1.85	31.0	1.60	31.6	1.40
65.0	24.1	2.90	27.5	2.15	30.5	1.75	32.3	1.55	32.7	1.40
62.0	26.7	2.65	29.9	2.05	32.6	1.70	34.1	1.55		
60.0	28.4	2.55	31.4	1.95	33.9	1.70	35.2	1.55		
57.0	30.5	2.05	33.5	1.85	35.8	1.65	36.9	1.55		
55.0	31.8	1.75	34.7	1.60	37.0	1.45	37.9	1.45		
52.0	33.8	1.45	36.6	1.30	38.6	1.20	39.4	1.20		
51.0	34.5	1.30	37.2	1.20	39.1	1.10	39.8	1.10		
50.0	35.1	1.20	37.7	1.10	39.6	1.05				
47.0	36.9	0.90	39.4	0.80	41.1	0.80				
45.0	38.0	0.70	40.4	0.65	42.0	0.65				
43.0	39.1	0.50	41.4	0.50	42.8	0.50				
Min. boom angle (°)	42		42		42		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB4**

Outriggers intermediately extended (4.2m) over side, with 21.8ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.4	2.95	25.9	2.30	29.0	1.85	31.0	1.60	31.6	1.40
65.0	24.1	2.90	27.5	2.15	30.5	1.75	32.3	1.55	32.7	1.40
62.0	26.4	2.35	29.9	1.95	32.6	1.70	34.1	1.55		
60.0	27.9	1.95	31.2	1.70	33.8	1.55	35.2	1.50		
57.0	30.0	1.55	33.1	1.35	35.6	1.20	36.8	1.20		
55.0	31.4	1.25	34.3	1.05	36.7	1.00	37.8	1.00		
52.0	33.4	0.85	36.2	0.70	38.3	0.70	39.2	0.70		
51.0	34.0	0.70	36.8	0.60	38.8	0.60	39.7	0.60		
50.0	34.6	0.60	37.4	0.50	39.3	0.50				
49.0	35.2	0.50								
Min. boom angle (°)	48		49		49		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SB1**

Outriggers fully extended (7.2m) 360° full range, with 21.8ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.55	16.6	4.75
75.0	13.6	5.60	14.9	5.60	16.7	5.60	17.8	5.55	18.2	4.70
72.0	16.4	5.60	17.7	5.60	19.3	5.60	20.3	5.35	20.5	4.70
70.0	18.3	5.60	19.5	5.60	21.0	5.60	21.9	5.30	22.0	4.70
67.0	20.9	5.60	22.1	5.60	23.5	5.60	24.1	5.15	24.2	4.65
65.0	22.6	5.60	23.8	5.35	25.0	5.05	25.6	4.95		
62.0	24.6	4.75	25.7	4.50	26.7	4.30	27.4	4.15		
60.0	26.0	4.15	27.0	3.95	28.0	3.75	28.6	3.65		
57.0	28.0	3.40	29.0	3.20	29.8	3.15	30.4	3.05		
55.0	29.4	2.95	30.3	2.85	31.1	2.75	31.5	2.70		
53.0	30.6	2.60	31.5	2.50	32.3	2.45	32.6	2.40		
52.0	31.3	2.40	32.1	2.30	32.9	2.25				
50.0	32.5	2.10	33.3	2.05	34.0	2.00				
47.0	34.2	1.70	35.0	1.65	35.6	1.60				
45.0	35.3	1.50	36.1	1.40	36.7	1.35				
42.0	37.0	1.15	37.6	1.15	38.1	1.10				
40.0	38.0	0.95	38.6	0.95	39.0	0.95				
39.0	38.5	0.85	39.0	0.85	39.4	0.85				
35.0	40.3	0.50	40.8	0.50						
Min. boom angle(°)	34		34		38		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB2**

Outriggers intermediately extended (6.0m) over side, with 21.8ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.55	16.6	4.75
75.0	13.6	5.60	14.9	5.60	16.7	5.60	17.8	5.55	18.2	4.70
72.0	16.4	5.60	17.7	5.60	19.3	5.60	20.3	5.35	20.5	4.70
70.0	18.3	5.60	19.5	5.60	21.0	5.60	21.9	5.30	22.0	4.70
67.0	20.9	5.20	21.9	4.90	23.0	4.65	23.8	4.45	24.2	4.35
65.0	22.2	4.50	23.3	4.20	24.4	4.00	25.1	3.90		
62.0	24.3	3.60	25.3	3.35	26.3	3.25	27.0	3.15		
60.0	25.6	3.10	26.6	2.90	27.6	2.80	28.3	2.70		
57.0	27.7	2.40	28.6	2.30	29.5	2.20	30.0	2.15		
55.0	29.0	2.00	29.9	1.95	30.8	1.85	31.2	1.85		
53.0	30.3	1.70	31.2	1.60	32.0	1.55	32.3	1.55		
52.0	31.0	1.55	31.8	1.45	32.6	1.40				
50.0	32.2	1.25	33.0	1.20	33.7	1.20				
47.0	33.9	0.85	34.7	0.85	35.4	0.85				
45.0	35.0	0.60	35.8	0.60	36.4	0.60				
44.0	35.5	0.50	36.3	0.50	36.9	0.50				
Min. boom angle(°)	43		43		43		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB3**

Outriggers intermediately extended (5.0m) over side, with 21.8ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.55	16.6	4.75
75.0	13.6	5.60	14.9	5.60	16.7	5.60	17.8	5.55	18.2	4.70
72.0	16.4	5.60	17.7	5.60	19.3	5.40	20.3	5.10	20.5	4.70
70.0	18.3	5.40	19.3	5.05	20.6	4.65	21.6	4.40	21.9	4.35
67.0	20.4	4.15	21.5	3.90	22.7	3.65	23.5	3.50	23.8	3.50
65.0	21.8	3.50	22.9	3.30	24.1	3.10	24.8	3.00		
62.0	24.0	2.65	25.0	2.50	26.0	2.40	26.7	2.35		
60.0	25.3	2.20	26.3	2.10	27.3	2.00	28.0	1.95		
57.0	27.4	1.60	28.3	1.50	29.3	1.45	29.8	1.40		
55.0	28.8	1.20	29.6	1.20	30.5	1.15	31.0	1.15		
54.0	29.4	1.00	30.2	1.00	31.1	1.00	31.5	1.00		
53.0	30.0	0.80								
Min. boom angle(°)	52		53		53		53		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB4**

Outriggers intermediately extended (4.2m) over side, with 21.8ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.55	16.6	4.75
75.0	13.6	5.60	14.9	5.60	16.7	5.60	17.8	5.55	18.2	4.70
72.0	16.4	5.40	17.5	5.00	18.9	4.55	19.9	4.25	20.3	4.20
70.0	17.9	4.45	19.0	4.10	20.3	3.80	21.3	3.55	21.6	3.55
67.0	20.0	3.35	21.2	3.05	22.4	2.85	23.2	2.75	23.6	2.70
65.0	21.5	2.70	22.6	2.50	23.8	2.35	24.6	2.25		
62.0	23.7	1.90	24.7	1.80	25.8	1.70	26.5	1.65		
60.0	25.1	1.40	26.0	1.40	27.0	1.35	27.8	1.30		
Min. boom angle(°)	59		59		59		59		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SB1**

Outriggers fully extended (7.2m) 360° full range, with 21.8ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.25	21.0	3.40	22.7	2.80	23.6	2.35
72.0	18.2	4.30	21.1	4.00	23.7	3.20	25.2	2.75	25.9	2.35
70.0	20.3	4.30	23.0	3.80	25.4	3.10	26.9	2.70	27.4	2.35
67.0	23.3	4.30	25.8	3.50	27.9	3.00	29.2	2.65	29.6	2.35
65.0	25.2	4.20	27.6	3.30	29.6	2.90	30.7	2.60		
62.0	28.0	3.85	30.1	3.10	31.9	2.80	32.9	2.55		
60.0	29.9	3.35	31.7	3.00	33.4	2.70	34.2	2.55		
57.0	31.9	2.80	34.1	2.55	35.6	2.45	36.2	2.40		
55.0	33.3	2.40	35.2	2.25	36.8	2.15	37.4	2.10		
53.0	34.7	2.15	36.5	2.00	38.0	1.90	38.5	1.90		
52.0	35.4	2.00	37.2	1.90	38.6	1.80				
50.0	36.7	1.70	38.4	1.60	39.8	1.55				
47.0	38.6	1.40	40.2	1.30	41.3	1.30				
45.0	39.8	1.20	41.4	1.15	42.3	1.10				
42.0	41.6	0.90	43.1	0.90	43.8	0.90				
40.0	42.8	0.70	44.1	0.70	44.7	0.70				
38.0	43.8	0.55	45.0	0.55						
Min. boom angle(°)	37		37		38		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB2**

Outriggers intermediately extended (6.0m) over side, with 21.8ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.25	21.0	3.40	22.7	2.80	23.6	2.35
72.0	18.2	4.30	21.1	4.00	23.7	3.20	25.2	2.75	25.9	2.35
70.0	20.3	4.30	23.0	3.80	25.4	3.10	26.9	2.70	27.4	2.35
67.0	23.3	4.30	25.8	3.50	27.9	3.00	29.2	2.65	29.6	2.35
65.0	25.0	3.80	27.6	3.30	29.6	2.90	30.7	2.60		
62.0	27.5	3.00	29.7	2.70	31.7	2.50	32.9	2.35		
60.0	29.1	2.55	31.2	2.30	33.1	2.15	34.0	2.10		
57.0	31.4	1.95	33.4	1.80	35.1	1.70	35.9	1.70		
55.0	32.9	1.60	34.8	1.50	36.4	1.40	37.1	1.40		
53.0	34.3	1.35	36.1	1.30	37.7	1.20	38.2	1.20		
52.0	34.9	1.25	36.8	1.15	38.3	1.10				
50.0	36.2	1.00	38.1	0.95	39.4	0.90				
47.0	38.1	0.65	39.8	0.60	41.1	0.55				
46.0	38.8	0.50	40.4	0.50						
Min. boom angle(°)	45		45		46		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB3**

Outriggers intermediately extended (5.0m) over side, with 21.8ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.25	21.0	3.40	22.7	2.80	23.6	2.35
72.0	18.2	4.30	21.1	4.00	23.7	3.20	25.2	2.75	25.9	2.35
70.0	20.3	4.30	23.0	3.80	25.4	3.10	26.9	2.70	27.4	2.35
67.0	22.9	3.55	25.5	3.05	27.8	2.75	29.2	2.65	29.6	2.35
65.0	24.6	2.95	27.1	2.55	29.2	2.35	30.5	2.25		
62.0	27.1	2.20	29.4	1.95	31.3	1.80	32.5	1.70		
60.0	28.7	1.75	30.9	1.60	32.7	1.50	33.8	1.45		
57.0	31.0	1.25	33.0	1.15	34.7	1.10	35.6	1.10		
55.0	32.5	0.90	34.4	0.85	36.0	0.80	36.8	0.80		
Min. boom angle(°)	54		54		54		54		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB4**

Outriggers intermediately extended (4.2m) over side, with 21.8ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.25	21.0	3.40	22.7	2.80	23.6	2.35
72.0	18.2	4.30	21.1	3.90	23.7	3.20	25.2	2.75	25.9	2.35
70.0	20.1	3.80	22.8	3.20	25.2	2.85	26.9	2.60	27.4	2.35
67.0	22.6	2.75	25.1	2.40	27.4	2.15	28.9	2.00	29.5	2.00
65.0	24.2	2.25	26.8	1.95	28.9	1.75	30.2	1.70		
62.0	26.7	1.55	29.1	1.35	31.0	1.25	32.2	1.20		
61.0	27.6	1.35	29.8	1.20						
Min. boom angle(°)	60		60		61		61		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SB1**

Outriggers fully extended (7.2m) 360° full range, with 21.8ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.70	25.2	2.40	28.4	1.90	30.6	1.60	31.5	1.40
70.0	22.9	2.70	27.2	2.30	30.3	1.85	32.3	1.60	33.0	1.40
67.0	26.4	2.70	30.1	2.15	32.9	1.75	34.7	1.55	35.2	1.40
65.0	28.5	2.65	31.9	2.10	34.6	1.70	36.2	1.55		
62.0	31.5	2.50	34.6	1.95	37.1	1.70	38.5	1.55		
60.0	33.4	2.35	36.3	1.85	38.7	1.65	39.9	1.55		
57.0	36.1	2.15	38.8	1.75	41.0	1.60	41.9	1.50		
55.0	37.9	1.95	40.4	1.70	42.4	1.60	43.2	1.50		
53.0	39.2	1.70	41.9	1.60	43.8	1.50	44.4	1.50		
52.0	40.0	1.60	42.6	1.45	44.4	1.40				
50.0	41.4	1.40	43.8	1.30	45.5	1.25				
47.0	43.5	1.10	45.6	1.05	47.1	1.00				
45.0	44.7	0.95	46.8	0.90	48.2	0.90				
42.0	46.5	0.65	48.5	0.65	49.6	0.65				
40.0	47.6	0.50	49.6	0.50	50.5	0.50				
Min. boom angle(°)	39		39		39		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB2**

Outriggers intermediately extended (6.0m) over side, with 21.8ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.70	25.2	2.40	28.4	1.90	30.6	1.60	31.5	1.40
70.0	22.9	2.70	27.2	2.30	30.3	1.85	32.3	1.60	33.0	1.40
67.0	26.4	2.70	30.1	2.15	32.9	1.75	34.7	1.55	35.2	1.40
65.0	28.5	2.65	31.9	2.10	34.6	1.70	36.2	1.55		
62.0	31.5	2.40	34.6	1.95	37.1	1.70	38.5	1.55		
60.0	33.0	2.10	36.3	1.80	38.7	1.65	39.9	1.55		
57.0	35.5	1.60	38.5	1.40	40.7	1.35	41.8	1.30		
55.0	37.0	1.35	39.9	1.20	42.0	1.15	43.0	1.10		
53.0	38.6	1.10	41.3	1.00	43.3	0.95	44.1	0.95		
52.0	39.3	0.95	41.9	0.90	43.9	0.85				
50.0	40.7	0.70	43.2	0.65	45.1	0.65				
49.0	41.4	0.60	43.9	0.55	45.6	0.55				
48.0	42.0	0.50								
Min. boom angle(°)	47		48		48		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB3**

Outriggers intermediately extended (5.0m) over side, with 21.8ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.70	25.2	2.40	28.4	1.90	30.6	1.60	31.5	1.40
70.0	22.9	2.70	27.2	2.30	30.3	1.85	32.3	1.60	33.0	1.40
67.0	26.4	2.70	30.1	2.15	32.9	1.75	34.7	1.55	35.2	1.40
65.0	28.2	2.35	31.9	1.95	34.6	1.70	36.2	1.55		
62.0	30.7	1.75	34.1	1.55	36.9	1.35	38.4	1.35		
60.0	32.4	1.45	35.6	1.25	38.2	1.15	39.6	1.15		
58.0	34.0	1.15	37.1	0.95	39.6	0.90	40.8	0.90		
57.0	34.7	1.00	37.9	0.85	40.2	0.80				
56.0	35.5	0.85	38.6	0.70						
Min. boom angle(°)	55		55		56		56		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB4**

Outriggers intermediately extended (4.2m) over side, with 21.8ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.70	25.2	2.40	28.4	1.90	30.6	1.60	31.5	1.40
70.0	22.9	2.70	27.2	2.30	30.3	1.85	32.3	1.60	33.0	1.40
67.0	25.9	2.25	29.7	1.85	32.8	1.60	34.7	1.55	35.2	1.40
65.0	27.7	1.80	31.3	1.50	34.2	1.35	36.1	1.25		
64.0	28.5	1.60	32.1	1.30	34.9	1.15	36.8	1.10		
63.0	29.4	1.40	32.9	1.15	35.6	1.00				
62.0	30.2	1.20	33.6	0.95						
Min. boom angle(°)	61		61		62		62		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SB1**

Outriggers fully extended (7.2m) 360° full range, with 21.8ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.50	18.9	4.50	19.5	4.50
75.0	16.5	4.50	18.0	4.50	19.7	4.50	20.9	4.50	21.5	4.50
72.0	19.9	4.50	21.2	4.50	22.9	4.50	24.0	4.50	24.4	4.50
70.0	22.1	4.50	23.2	4.50	24.9	4.50	25.9	4.50	26.2	4.35
68.0	24.3	4.50	25.3	4.50	27.0	4.40	27.6	4.30	28.1	3.30
67.0	25.4	4.50	26.5	4.35	27.9	4.05	28.4	4.00		
65.0	27.3	3.85	28.1	3.75	29.2	3.60	30.0	3.45		
62.0	29.3	3.20	30.4	3.00	31.5	2.90	31.9	2.90		
60.0	30.9	2.75	31.9	2.60	32.9	2.50	33.3	2.50		
57.0	33.2	2.15	34.1	2.05	35.0	2.00	35.3	2.00		
55.0	34.7	1.80	35.5	1.80	36.3	1.75	36.7	1.70		
52.0	36.8	1.40	37.5	1.40	38.3	1.35				
50.0	38.1	1.20	38.9	1.15	39.6	1.10				
47.0	40.0	0.80	40.8	0.80	41.3	0.80				
45.0	41.3	0.55	41.9	0.55	42.4	0.55				
Min. boom angle(°)	44		44		44		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB2**

Outriggers intermediately extended (6.0m) over side, with 21.8ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.50	18.9	4.50	19.5	4.50
75.0	16.5	4.50	18.0	4.50	19.7	4.50	20.9	4.50	21.5	4.50
72.0	19.9	4.50	21.2	4.50	22.9	4.50	24.0	4.50	24.4	4.50
70.0	22.1	4.50	23.2	4.50	24.9	4.05	25.5	3.95	26.2	3.75
68.0	23.9	3.95	25.0	3.70	26.2	3.55	27.0	3.40	28.1	3.10
67.0	24.8	3.60	25.9	3.40	27.0	3.25	27.7	3.15		
65.0	26.4	3.05	27.4	2.90	28.6	2.70	29.2	2.70		
62.0	28.6	2.35	29.7	2.20	30.9	2.10	31.4	2.05		
60.0	30.3	1.90	31.2	1.85	32.4	1.75	32.8	1.75		
57.0	32.6	1.40	33.5	1.35	34.5	1.30	34.8	1.30		
55.0	34.1	1.05	35.0	1.05	35.9	1.00	36.1	1.00		
54.0	34.9	0.85	35.6	0.85	36.6	0.85				
Min. boom angle(°)	53		53		53		53		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB3**

Outriggers intermediately extended (5.0m) over side, with 21.8ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.50	18.9	4.50	19.5	4.50
75.0	16.5	4.50	18.0	4.50	19.7	4.50	20.9	4.50	21.5	4.50
72.0	19.9	4.50	21.2	4.25	22.6	3.95	23.5	3.75	24.3	3.55
70.0	21.7	3.75	22.9	3.50	24.2	3.25	25.0	3.15	26.2	2.85
68.0	23.4	3.05	24.5	2.90	25.7	2.70	26.6	2.60	28.0	2.25
67.0	24.2	2.75	25.3	2.60	26.5	2.45	27.3	2.40		
65.0	25.8	2.25	26.9	2.15	28.1	2.00	28.7	1.95		
62.0	28.1	1.65	29.2	1.50	30.4	1.45	30.9	1.45		
61.0	28.9	1.40	30.0	1.35	31.2	1.25	31.6	1.25		
Min. boom angle(°)	60		60		60		60		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB4**

Outriggers intermediately extended (4.2m) over side, with 21.8ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.50	18.9	4.50	19.5	4.50
75.0	16.5	4.50	18.0	4.50	19.7	4.30	20.7	4.10	21.2	4.00
72.0	19.5	3.80	20.8	3.45	22.1	3.20	23.1	3.05	23.4	3.05
70.0	21.2	3.05	22.5	2.75	23.7	2.60	24.6	2.50	24.9	2.50
68.0	22.9	2.40	24.1	2.20	25.3	2.10	26.2	2.00	26.4	2.00
67.0	23.8	2.10	24.9	1.95	26.1	1.85	26.9	1.80		
66.0	24.6	1.85	25.7	1.75	26.9	1.65	27.7	1.55		
Min. boom angle(°)	65		65		65		65		66	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SB1**

Outriggers fully extended (7.2m) 360° full range, with 21.8ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.4	3.20	24.1	2.75	24.8	2.35
75.0	18.3	3.20	21.6	3.20	24.7	3.15	26.1	2.70	26.7	2.35
72.0	22.1	3.20	25.2	3.20	27.8	3.05	29.0	2.65	29.5	2.35
70.0	24.5	3.20	27.6	3.20	29.8	2.95	31.0	2.60	31.3	2.30
68.0	26.9	3.20	29.9	3.20	31.7	2.85	32.8	2.60	33.1	2.25
67.0	28.0	3.20	30.8	3.15	32.7	2.80	33.7	2.60		
65.0	30.3	3.20	32.6	3.05	34.6	2.75	35.5	2.55		
62.0	33.0	2.65	35.0	2.45	37.2	2.25	38.0	2.20		
60.0	34.7	2.25	36.6	2.15	38.3	2.05	39.2	1.95		
57.0	37.1	1.80	39.0	1.65	40.6	1.60	41.1	1.60		
55.0	38.7	1.50	40.6	1.40	42.0	1.35	42.4	1.40		
52.0	41.0	1.15	42.8	1.10	44.0	1.05				
50.0	42.4	0.90	44.2	0.90	45.3	0.85				
48.0	43.8	0.70	45.5	0.65	46.6	0.65				
47.0	44.5	0.60	46.1	0.55						
46.0	45.1	0.50								
Min. boom angle(°)	45		46		46		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB2**

Outriggers intermediately extended (6.0m) over side, with 21.8ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.4	3.20	24.1	2.75	24.8	2.35
75.0	18.3	3.20	21.6	3.20	24.7	3.15	26.1	2.70	26.7	2.35
72.0	22.1	3.20	25.2	3.20	27.8	3.05	29.0	2.65	29.5	2.35
70.0	24.5	3.20	27.6	3.20	29.8	2.95	31.0	2.60	31.3	2.30
68.0	26.9	3.20	29.9	2.80	31.7	2.65	32.8	2.60	33.1	2.25
67.0	28.0	3.00	30.4	2.65	32.4	2.50	33.7	2.40		
65.0	29.6	2.55	31.8	2.35	33.9	2.15	35.0	2.10		
62.0	32.1	1.95	34.3	1.75	36.2	1.65	37.3	1.60		
60.0	33.8	1.55	35.9	1.45	37.7	1.35	38.7	1.30		
57.0	36.4	1.15	38.3	1.05	40.0	1.00	40.6	1.00		
56.0	37.2	0.95	39.1	0.90	40.7	0.85	41.2	0.85		
55.0	38.0	0.80	39.8	0.75						
Min. boom angle(°)	54		54		54		54		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB3**

Outriggers intermediately extended (5.0m) over side, with 21.8ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.4	3.20	24.1	2.75	24.8	2.35
75.0	18.3	3.20	21.6	3.20	24.7	3.15	26.1	2.70	26.7	2.35
72.0	22.1	3.20	25.2	3.20	27.8	2.90	29.0	2.65	29.5	2.35
70.0	24.5	3.10	27.1	2.70	29.3	2.45	30.7	2.35	31.3	2.30
68.0	26.2	2.55	28.8	2.25	31.0	2.05	32.3	1.95	33.0	1.90
67.0	27.1	2.30	29.6	2.05	31.8	1.85	33.0	1.80		
65.0	28.9	1.85	31.2	1.65	33.4	1.50	34.6	1.45		
64.0	29.8	1.65	32.0	1.50	34.1	1.40	35.3	1.35		
62.0	31.5	1.30	33.6	1.20						
Min. boom angle(°)	61		61		62		62		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB4**

Outriggers intermediately extended (4.2m) over side, with 21.8ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.4	3.20	24.1	2.75	24.8	2.35
75.0	18.3	3.20	21.6	3.20	24.7	3.15	26.1	2.70	26.7	2.35
72.0	22.1	3.10	24.7	2.70	27.1	2.40	28.7	2.25	29.5	2.15
71.0	22.9	2.80	25.6	2.40	28.0	2.15	29.4	2.05	30.2	2.00
70.0	23.8	2.50	26.5	2.15	28.8	1.95	30.2	1.85		
69.0	24.8	2.20	27.3	1.95	29.6	1.75	31.0	1.70		
67.0	26.6	1.75	29.0	1.55						
Min. boom angle(°)	66		66		67		67		67	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SB1**

Outriggers fully extended (7.2m) 360° full range, with 21.8ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.2	2.20	28.9	1.90	31.3	1.60	32.3	1.40
72.0	24.7	2.20	29.1	2.20	32.3	1.80	34.3	1.55	35.1	1.40
70.0	27.5	2.20	31.7	2.20	34.5	1.75	36.3	1.55	36.9	1.35
68.0	30.0	2.20	33.9	2.10	36.5	1.70	38.2	1.55	38.6	1.30
67.0	31.3	2.20	34.9	2.05	37.5	1.70	39.2	1.55		
65.0	33.7	2.20	37.0	1.90	39.4	1.70	41.0	1.50		
62.0	37.3	2.15	40.1	1.80	42.2	1.60	43.5	1.50		
60.0	38.9	1.85	42.1	1.65	44.1	1.60	45.1	1.50		
57.0	41.4	1.45	44.3	1.30	46.3	1.25	47.3	1.25		
55.0	43.0	1.25	45.8	1.15	47.8	1.10	48.7	1.05		
52.0	45.5	0.90	48.0	0.85	49.8	0.85				
50.0	47.0	0.70	49.4	0.65	51.0	0.65				
49.0	47.8	0.60	50.0	0.55	51.6	0.55				
48.0	48.5	0.50	50.7	0.50						
Min. boom angle(°)	47		47		47		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB2**

Outriggers intermediately extended (6.0m) over side, with 21.8ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.2	2.20	28.9	1.90	31.3	1.60	32.3	1.40
72.0	24.7	2.20	29.1	2.20	32.3	1.80	34.3	1.55	35.1	1.40
70.0	27.5	2.20	31.7	2.20	34.5	1.75	36.3	1.55	36.9	1.35
68.0	30.0	2.20	33.9	2.10	36.5	1.70	38.2	1.55	38.6	1.30
67.0	31.3	2.20	34.9	2.05	37.5	1.70	39.2	1.55		
65.0	33.7	2.00	37.0	1.75	39.4	1.70	41.0	1.50		
62.0	36.1	1.55	39.4	1.35	41.8	1.30	43.2	1.25		
60.0	37.9	1.25	41.0	1.15	43.3	1.10	44.6	1.05		
59.0	38.7	1.15	41.7	1.00	44.1	0.95				
58.0	39.5	1.00	42.5	0.90						
57.0	40.3	0.85								
Min. boom angle(°)	56		57		57		57		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB3**

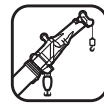
Outriggers intermediately extended (5.0m) over side, with 21.8ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.2	2.20	28.9	1.90	31.3	1.60	32.3	1.40
72.0	24.7	2.20	29.1	2.20	32.3	1.80	34.3	1.55	35.1	1.40
70.0	27.5	2.20	31.7	2.10	34.5	1.75	36.3	1.55	36.9	1.35
68.0	30.0	2.00	33.4	1.75	36.4	1.55	38.2	1.50	38.6	1.30
67.0	30.7	1.85	34.3	1.55	37.1	1.45	38.9	1.40		
66.0	31.6	1.65	35.1	1.45	37.9	1.30	39.7	1.25		
65.0	32.5	1.50	35.9	1.30	38.7	1.20				
64.0	33.4	1.35	36.7	1.15						
Min. boom angle(°)	63		63		63		63		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB4**

Outriggers intermediately extended (4.2m) over side, with 21.8ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.2	2.20	28.9	1.90	31.3	1.60	32.3	1.40
72.0	24.7	2.20	29.1	2.20	32.3	1.80	34.3	1.55	35.1	1.40
71.0	26.1	2.20	29.9	1.85	33.1	1.65	35.3	1.55		
70.0	27.0	2.05	30.8	1.70	34.0	1.50				
69.0	28.1	1.75	31.7	1.50						
Min. boom angle(°)	68		68		68		68		68	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SB1**

Outriggers fully extended (7.2m) 360° full range, with 21.8ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	17.2	4.10	19.0	4.10	20.4	4.10	21.0	4.10
75.0	18.2	4.10	19.6	4.10	21.4	4.10	22.6	4.10	23.1	4.10
72.0	21.8	4.10	23.3	4.10	24.8	4.00	25.8	3.85	26.0	3.80
70.0	24.3	4.10	25.4	4.05	26.7	3.80	27.6	3.60	27.8	3.55
69.0	25.4	4.10	26.5	3.95	27.7	3.65	28.5	3.45	28.6	3.45
67.0	27.5	3.75	28.5	3.55	29.6	3.30	30.3	3.20		
65.0	29.3	3.15	30.4	3.00	31.4	2.90	32.0	2.85		
62.0	31.7	2.45	33.0	2.30	33.9	2.25	34.4	2.20		
60.0	33.3	2.10	34.2	2.00	35.2	1.95	35.7	1.90		
57.0	35.6	1.60	36.4	1.55	37.4	1.45	37.8	1.45		
55.0	37.2	1.30	37.9	1.25	38.9	1.20	39.1	1.20		
52.0	39.4	0.85	40.1	0.85	40.9	0.85				
50.0	40.8	0.60	41.5	0.60	42.2	0.60				
Min. boom angle(°)	49		49		49		51		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB2**

Outriggers intermediately extended (6.0m) over side, with 21.8ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	17.2	4.10	19.0	4.10	20.4	4.10	21.0	4.10
75.0	18.2	4.10	19.6	4.10	21.4	4.10	22.6	4.10	23.1	4.10
72.0	21.8	4.10	23.3	4.10	24.8	4.00	25.8	3.85	26.0	3.80
70.0	24.3	3.75	25.1	3.65	26.5	3.40	27.4	3.25	27.8	3.15
69.0	24.9	3.50	25.9	3.35	27.3	3.10	28.1	3.00	28.3	3.00
67.0	26.6	2.90	27.6	2.80	29.0	2.55	29.7	2.50		
65.0	28.4	2.35	29.4	2.25	30.6	2.15	31.3	2.10		
62.0	30.9	1.75	31.8	1.65	32.9	1.60	33.6	1.50		
60.0	32.6	1.35	33.4	1.35	34.6	1.25	35.1	1.20		
59.0	33.4	1.15	34.2	1.15	35.4	1.10				
Min. boom angle(°)	58		58		58		58		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB3**

Outriggers intermediately extended (5.0m) over side, with 21.8ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	17.2	4.10	19.0	4.10	20.4	4.10	21.0	4.10
75.0	18.2	4.10	19.6	4.10	21.4	4.10	22.6	4.10	23.1	4.05
72.0	21.6	3.75	22.8	3.50	24.2	3.25	25.1	3.10	25.4	3.10
70.0	23.4	3.00	24.5	2.85	25.9	2.65	26.8	2.55	27.0	2.55
69.0	24.2	2.70	25.3	2.60	26.7	2.40	27.6	2.30	27.8	2.30
67.0	25.9	2.20	27.0	2.05	28.3	1.90	29.1	1.85		
66.0	26.8	1.95	27.8	1.80	29.2	1.70	29.9	1.65		
65.0	27.7	1.70	28.6	1.65	30.0	1.50				
Min. boom angle(°)	64		64		64		64		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB4**

Outriggers intermediately extended (4.2m) over side, with 21.8ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	17.2	4.10	19.0	4.10	20.4	4.10	21.0	4.10
75.0	18.2	4.10	19.6	3.95	21.1	3.60	22.1	3.45	22.6	3.35
72.0	21.0	3.00	22.2	2.85	23.7	2.55	24.6	2.50	25.0	2.45
71.0	22.0	2.65	23.1	2.50	24.5	2.30	25.4	2.20	25.8	2.15
70.0	22.8	2.30	23.9	2.25	25.4	2.05	26.3	1.95		
69.0	23.6	2.00	24.8	1.95						
Min. boom angle(°)	68		68		69		69		69	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SB1**

Outriggers fully extended (7.2m) 360° full range, with 21.8ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	3.00	23.8	3.00	25.6	2.75	26.2	2.35
75.0	19.7	3.00	23.1	3.00	26.3	3.00	27.8	2.70	28.3	2.30
72.0	23.8	3.00	27.0	3.00	29.8	2.90	31.0	2.60	31.3	2.30
70.0	26.5	3.00	29.6	3.00	31.8	2.70	33.0	2.45	33.2	2.30
69.0	27.9	3.00	30.7	2.90	32.7	2.60	34.0	2.40	34.2	2.25
67.0	30.4	2.95	32.8	2.75	34.7	2.40	35.8	2.25		
65.0	32.5	2.70	34.8	2.45	36.5	2.25	37.7	2.10		
62.0	35.2	2.10	37.4	1.95	39.3	1.80	40.2	1.75		
60.0	37.0	1.70	39.1	1.60	40.7	1.55	41.5	1.50		
57.0	39.6	1.30	41.5	1.20	43.2	1.15	43.6	1.15		
55.0	41.2	1.05	43.1	1.00	44.6	0.95	44.9	0.95		
53.0	42.8	0.80	44.6	0.75	46.0	0.75				
Min. boom angle(°)	51		51		51		51		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB2**

Outriggers intermediately extended (6.0m) over side, with 21.8ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	3.00	23.8	3.00	25.6	2.75	26.2	2.35
75.0	19.7	3.00	23.1	3.00	26.3	3.00	27.8	2.70	28.3	2.30
72.0	23.8	3.00	27.0	3.00	29.8	2.90	31.0	2.60	31.3	2.30
70.0	26.5	3.00	29.6	3.00	31.8	2.80	31.8	2.60	33.0	2.45
69.0	27.9	2.95	30.3	2.65	32.7	2.40	34.0	2.30	34.2	2.25
67.0	29.7	2.45	32.1	2.20	34.2	2.05	35.8	1.85		
65.0	31.4	2.05	33.8	1.80	35.8	1.65	37.1	1.60		
63.0	33.3	1.60	35.6	1.45	37.5	1.35	38.6	1.35		
62.0	34.3	1.40	36.6	1.30	38.3	1.25				
61.0	35.2	1.25								
Min. boom angle(°)	59		60		60		60		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB3**

Outriggers intermediately extended (5.0m) over side, with 21.8ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	3.00	23.8	3.00	25.6	2.75	26.2	2.35
75.0	19.7	3.00	23.1	3.00	26.3	3.00	27.8	2.70	28.3	2.30
72.0	23.8	3.00	26.7	2.75	29.2	2.45	30.7	2.35	31.3	2.30
70.0	26.0	2.55	28.6	2.25	30.8	2.05	32.4	1.90	32.9	1.90
69.0	26.9	2.30	29.5	2.00	31.7	1.85	33.2	1.75	33.6	1.75
68.0	27.9	2.00	30.4	1.80	32.5	1.65	34.0	1.55		
67.0	28.8	1.80	31.3	1.60	33.4	1.50				
66.0	29.7	1.60								
Min. boom angle(°)	64		65		65		65		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB4**

Outriggers intermediately extended (4.2m) over side, with 21.8ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	3.00	23.8	3.00	25.6	2.75	26.2	2.35
75.0	19.7	3.00	23.1	3.00	26.3	3.00	27.8	2.70	28.3	2.30
73.0	22.4	2.95	25.1	2.50	27.6	2.20	29.3	2.05	30.1	2.00
72.0	23.3	2.60	26.0	2.25	28.5	2.00				
71.0	24.3	2.30	26.9	2.00	29.4	1.75				
Min. boom angle(°)	69		69		69		70		70	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SB1**

Outriggers fully extended (7.2m) 360° full range, with 21.8ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
77.0	19.0	2.10	24.3	2.10	28.5	1.95	30.8	1.60	31.9	1.40
75.0	22.2	2.10	27.2	2.10	30.9	1.85	33.1	1.60	33.9	1.40
72.0	26.8	2.10	31.4	2.10	34.6	1.75	36.4	1.55	36.9	1.40
70.0	29.8	2.10	34.0	2.05	36.8	1.75	38.5	1.55	38.8	1.40
69.0	31.2	2.10	35.2	2.05	37.9	1.75	39.5	1.55	39.7	1.40
67.0	33.8	2.10	37.5	1.95	40.0	1.65	41.5	1.50		
65.0	36.5	2.10	39.7	1.85	42.2	1.60	43.4	1.50		
62.0	39.2	1.70	42.5	1.50	45.1	1.40	46.1	1.40		
60.0	41.0	1.45	44.2	1.30	46.4	1.25	47.5	1.20		
57.0	43.5	1.10	46.6	0.95	48.7	0.95	49.5	0.95		
56.0	44.4	0.95	47.4	0.85	49.4	0.85	50.2	0.85		
55.0	45.3	0.85	48.2	0.75	50.2	0.75				
54.0	46.2	0.70	48.9	0.65	50.9	0.60				
Min. boom angle(°)	52		52		52		52		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB2**

Outriggers intermediately extended (6.0m) over side, with 21.8ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
77.0	19.0	2.10	24.3	2.10	28.5	1.95	30.8	1.60	31.9	1.40
75.0	22.2	2.10	27.2	2.10	30.9	1.85	33.1	1.60	33.9	1.40
72.0	26.8	2.10	31.4	2.10	34.6	1.75	36.4	1.55	36.9	1.40
70.0	29.8	2.10	34.0	2.05	36.8	1.75	38.5	1.55	38.8	1.40
69.0	31.2	2.10	35.2	2.05	37.9	1.75	39.5	1.55	39.7	1.40
67.0	33.8	1.90	36.9	1.70	40.0	1.50	41.5	1.50		
65.0	35.4	1.60	38.7	1.40	41.5	1.30	43.1	1.25		
64.0	36.2	1.45	39.6	1.30	42.4	1.15	43.8	1.15		
63.0	37.1	1.30	40.4	1.15	43.2	1.05				
62.0	38.0	1.15								
Min. boom angle(°)	60		61		61		61		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB3**

Outriggers intermediately extended (5.0m) over side, with 21.8ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
77.0	19.0	2.10	24.3	2.10	28.5	1.95	30.8	1.60	31.9	1.40
75.0	22.2	2.10	27.2	2.10	30.9	1.85	33.1	1.60	33.9	1.40
72.0	26.8	2.10	31.4	2.10	34.6	1.75	36.4	1.55	36.9	1.40
71.0	28.3	2.10	32.3	1.90	35.7	1.65	37.5	1.55	37.9	1.40
70.0	29.8	1.95	33.2	1.70	36.4	1.55	38.4	1.45		
69.0	30.6	1.80	34.1	1.55	37.2	1.40				
68.0	31.5	1.60								
Min. boom angle(°)	66		67		67		67		67	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SB4**

Outriggers intermediately extended (4.2m) over side, with 21.8ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
77.0	19.0	2.10	24.3	2.10	28.5	1.95	30.8	1.60	31.9	1.40
76.0	20.6	2.10	25.8	2.10	29.7	1.90	32.0	1.60	32.9	1.40
75.0	22.2	2.10	27.2	2.10	30.9	1.85	33.1	1.60		
73.0	25.2	2.10	29.4	1.90	33.0	1.65				
72.0	26.6	2.00								
Min. boom angle(°)	70		71		71		72		72	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SC1**

Outriggers fully extended (7.2m) 360° full range, with 15.3ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.55	15.7	4.75
72.0	13.3	5.60	14.5	5.60	16.1	5.60	17.1	5.45	17.5	4.70
70.0	14.8	5.60	15.9	5.60	17.4	5.60	18.4	5.35	18.7	4.70
67.0	16.9	5.60	18.0	5.60	19.4	5.60	20.2	5.25	20.5	4.70
65.0	18.3	5.60	19.4	5.60	20.7	5.60	21.5	5.20	21.6	4.70
64.0	19.0	5.60	20.1	5.60	21.4	5.35	22.0	5.15	22.2	4.65
62.0	20.4	5.40	21.4	5.05	22.4	4.80	23.1	4.60		
60.0	21.4	4.80	22.4	4.50	23.5	4.25	24.0	4.15		
57.0	23.1	3.95	24.1	3.75	25.0	3.55	25.5	3.50		
55.0	24.2	3.50	25.1	3.30	26.0	3.20	26.4	3.15		
52.0	25.8	2.90	26.7	2.75	27.6	2.60	27.8	2.65		
51.0	26.3	2.75	27.2	2.60	28.0	2.50	28.2	2.50		
50.0	26.8	2.60	27.6	2.45	28.5	2.35				
47.0	28.4	2.10	29.1	2.05	29.8	2.00				
45.0	29.3	1.85	30.1	1.75	30.7	1.70				
42.0	30.7	1.50	31.4	1.45	31.9	1.45				
40.0	31.6	1.30	32.3	1.25	32.7	1.25				
37.0	32.9	1.05	33.5	1.00	33.8	1.00				
35.0	33.7	0.90	34.2	0.85						
30.0	35.4	0.55	35.9	0.55						
Min. boom angle(°)	29		29		35		49		62	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC2**

Outriggers intermediately extended (6.0m) over side, with 15.3ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.55	15.7	4.75
72.0	13.3	5.60	14.5	5.60	16.1	5.60	17.1	5.45	17.5	4.70
70.0	14.8	5.60	15.9	5.60	17.4	5.60	18.4	5.35	18.7	4.70
67.0	16.9	5.60	18.0	5.60	19.3	5.15	20.2	4.85	20.5	4.70
65.0	18.3	5.10	19.2	4.85	20.4	4.45	21.2	4.25	21.5	4.20
64.0	18.8	4.75	19.8	4.50	21.0	4.15	21.8	3.95	22.0	3.95
62.0	20.0	4.10	21.0	3.85	22.1	3.60	22.8	3.45		
60.0	21.1	3.55	22.1	3.35	23.2	3.15	23.8	3.05		
57.0	22.8	2.85	23.8	2.65	24.8	2.50	25.3	2.45		
55.0	24.0	2.40	24.9	2.25	25.8	2.20	26.3	2.10		
52.0	25.6	1.90	26.4	1.80	27.3	1.75	27.6	1.75		
51.0	26.1	1.75	26.9	1.70	27.8	1.60	28.1	1.60		
50.0	26.6	1.60	27.4	1.55	28.3	1.45				
47.0	28.1	1.25	28.9	1.15	29.6	1.10				
45.0	29.1	0.95	29.9	0.95	30.5	0.90				
42.0	30.5	0.60	31.2	0.60	31.7	0.60				
41.0	30.9	0.50	31.7	0.50	32.1	0.50				
Min. boom angle(°)	40		40		40		49		62	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC3**

Outriggers intermediately extended (5.0m) over side, with 15.3ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.55	15.7	4.75
72.0	13.3	5.60	14.5	5.60	16.1	5.60	17.1	5.45	17.5	4.70
70.0	14.8	5.60	15.9	5.60	17.3	5.05	18.2	4.80	18.7	4.60
67.0	16.7	4.75	17.7	4.40	19.1	3.95	19.9	3.80	20.2	3.75
65.0	17.9	4.00	18.9	3.70	20.2	3.40	21.0	3.25	21.2	3.25
64.0	18.5	3.65	19.5	3.40	20.7	3.20	21.5	3.00	21.7	3.00
62.0	19.7	3.05	20.7	2.85	21.8	2.70	22.6	2.55		
60.0	20.8	2.60	21.9	2.35	22.9	2.25	23.6	2.15		
57.0	22.6	1.90	23.6	1.80	24.5	1.70	25.2	1.65		
55.0	23.7	1.55	24.7	1.45	25.6	1.40	26.1	1.35		
52.0	25.3	1.05	26.3	1.00	27.2	0.95	27.5	0.95		
51.0	25.8	0.90	26.8	0.90	27.6	0.85	28.0	0.85		
50.0	26.3	0.75								
Min. boom angle(°)	49		50		50		50		62	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC4**

Outriggers intermediately extended (4.2m) over side, with 15.3ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.55	15.7	4.75
72.0	13.3	5.60	14.5	5.40	15.9	4.85	16.9	4.50	17.4	4.35
70.0	14.6	4.95	15.7	4.55	17.1	4.05	18.0	3.80	18.5	3.70
67.0	16.4	3.75	17.5	3.45	18.8	3.10	19.7	2.90	20.0	2.90
65.0	17.6	3.05	18.7	2.85	20.0	2.60	20.8	2.45	21.0	2.45
64.0	18.2	2.75	19.3	2.55	20.5	2.35	21.4	2.20	21.5	2.20
62.0	19.5	2.20	20.5	2.05	21.7	1.90	22.4	1.80		
60.0	20.6	1.80	21.7	1.60	22.8	1.50	23.5	1.45		
58.0	21.8	1.30	22.8	1.25	23.8	1.20	24.5	1.15		
Min. boom angle(°)	57		57		57		57		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SC1**

Outriggers fully extended (7.2m) 360° full range, with 15.3ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.50	19.6	3.95	21.9	3.20	23.5	2.75	24.2	2.35
67.0	19.4	4.50	21.8	3.65	24.0	3.05	25.4	2.70	26.0	2.35
65.0	21.0	4.45	23.3	3.50	25.4	2.95	26.7	2.65	27.1	2.35
62.0	23.2	4.15	25.4	3.30	27.3	2.85	28.5	2.60		
60.0	24.6	3.95	26.8	3.15	28.6	2.80	29.6	2.60		
57.0	26.7	3.25	28.7	2.95	30.4	2.70	31.3	2.55		
55.0	27.9	2.85	30.0	2.60	31.6	2.45	32.3	2.35		
52.0	29.7	2.35	31.7	2.15	33.1	2.05	33.7	2.05		
51.0	30.3	2.20	32.2	2.05	33.6	1.95	34.1	1.95		
50.0	30.9	2.05	32.8	1.90	34.1	1.80				
47.0	32.6	1.70	34.4	1.55	35.6	1.50				
45.0	33.7	1.50	35.4	1.40	36.4	1.35				
42.0	35.3	1.15	36.8	1.10	37.7	1.05				
40.0	36.3	1.00	37.7	0.95	38.5	0.90				
37.0	37.7	0.80	39.0	0.75	39.5	0.75				
35.0	38.6	0.65	39.8	0.65						
33.0	39.5	0.50	40.5	0.50						
Min. boom angle(°)	32		32		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC2**

Outriggers intermediately extended (6.0m) over side, with 15.3ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.50	19.6	3.95	21.9	3.20	23.5	2.75	24.2	2.35
67.0	19.4	4.50	21.8	3.65	24.0	3.05	25.4	2.70	26.0	2.35
65.0	21.0	4.25	23.3	3.50	25.4	2.95	26.7	2.65	27.1	2.35
62.0	22.9	3.40	25.4	2.95	27.3	2.70	28.5	2.60		
60.0	24.3	2.90	26.6	2.55	28.5	2.35	29.5	2.30		
57.0	26.3	2.30	28.4	2.10	30.2	1.90	31.1	1.85		
55.0	27.6	1.95	29.6	1.80	31.3	1.65	32.1	1.60		
52.0	29.4	1.50	31.4	1.35	32.9	1.25	33.5	1.25		
51.0	30.0	1.40	32.0	1.25	33.4	1.20	33.9	1.20		
50.0	30.6	1.25	32.5	1.15	33.9	1.10				
47.0	32.3	0.95	34.1	0.85	35.4	0.80				
45.0	33.4	0.70	35.2	0.65	36.3	0.65				
44.0	33.9	0.60	35.7	0.55	36.7	0.55				
43.0	34.5	0.50								
Min. boom angle(°)	42		43		43		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC3**

Outriggers intermediately extended (5.0m) over side, with 15.3ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.50	19.6	3.95	21.9	3.20	23.5	2.75	24.2	2.35
67.0	19.2	3.90	21.7	3.35	24.0	2.90	25.4	2.70	26.0	2.35
65.0	20.6	3.30	23.0	2.85	25.2	2.50	26.6	2.35	27.1	2.35
62.0	22.6	2.50	25.0	2.20	27.0	2.00	28.3	1.85		
60.0	24.0	2.10	26.2	1.85	28.2	1.65	29.3	1.55		
57.0	26.0	1.50	28.2	1.35	30.0	1.25	30.9	1.20		
55.0	27.3	1.20	29.4	1.10	31.1	1.00	31.9	1.00		
53.0	28.6	0.90	30.6	0.80	32.2	0.75	32.8	0.75		
52.0	29.3	0.75	31.1	0.70						
Min. boom angle(°)	51		51		52		52		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC4**

Outriggers intermediately extended (4.2m) over side, with 15.3ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.10	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.7	4.15	19.4	3.40	21.8	2.95	23.5	2.70	24.2	2.35
67.0	18.8	3.10	21.4	2.60	23.7	2.25	25.3	2.05	25.9	2.05
65.0	20.3	2.45	22.8	2.10	25.0	1.85	26.4	1.75	26.9	1.70
62.0	22.3	1.80	24.8	1.55	26.8	1.40	28.1	1.30		
60.0	23.7	1.40	26.0	1.20	28.0	1.10	29.2	1.00		
59.0	24.4	1.20	26.6	1.05						
Min. boom angle(°)	58		58		59		59		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SC1**

Outriggers fully extended (7.2m) 360° full range, with 15.3ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.4	2.95	25.9	2.30	29.0	1.85	31.0	1.60	31.6	1.40
65.0	24.1	2.90	27.5	2.15	30.5	1.75	32.3	1.55	32.7	1.40
62.0	26.7	2.65	29.9	2.05	32.6	1.70	34.1	1.55		
60.0	28.4	2.55	31.4	1.95	33.9	1.70	35.2	1.55		
57.0	30.7	2.30	33.5	1.85	35.8	1.65	36.9	1.55		
55.0	32.2	2.20	34.9	1.80	37.0	1.60	37.9	1.55		
52.0	34.4	1.85	36.9	1.70	38.8	1.60	39.5	1.55		
51.0	35.1	1.70	37.5	1.60	39.4	1.50	39.9	1.50		
50.0	35.4	1.65	38.1	1.50	39.9	1.40				
47.0	37.2	1.35	39.6	1.25	41.3	1.20				
45.0	38.4	1.15	40.7	1.05	42.2	1.00				
42.0	40.2	0.90	42.2	0.85	43.4	0.85				
40.0	41.3	0.80	43.2	0.75	44.2	0.75				
37.0	42.8	0.60	44.6	0.55	45.3	0.55				
36.0	43.3	0.50	45.0	0.50						
Min. boom angle(°)	35		35		35		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC2**

Outriggers intermediately extended (6.0m) over side, with 15.3ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.4	2.95	25.9	2.30	29.0	1.85	31.0	1.60	31.6	1.40
65.0	24.1	2.90	27.5	2.15	30.5	1.75	32.3	1.55	32.7	1.40
62.0	26.7	2.65	29.9	2.05	32.6	1.70	34.1	1.55		
60.0	28.4	2.25	31.4	1.95	33.9	1.70	35.2	1.55		
57.0	30.3	1.85	33.3	1.60	35.8	1.45	36.9	1.45		
55.0	31.6	1.55	34.6	1.35	36.9	1.25	37.8	1.25		
52.0	33.6	1.20	36.4	1.05	38.5	1.00	39.3	1.00		
51.0	34.3	1.10	37.0	1.00	39.0	0.90	39.8	0.90		
50.0	34.9	1.00	37.6	0.90	39.5	0.85				
47.0	36.7	0.70	39.2	0.60	41.0	0.60				
46.0	37.3	0.60	39.7	0.55	41.4	0.50				
45.0	37.8	0.50								
Min. boom angle(°)	44		45		45		49		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC3**

Outriggers intermediately extended (5.0m) over side, with 15.3ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.4	2.95	25.9	2.30	29.0	1.85	31.0	1.60	31.6	1.40
65.0	23.9	2.60	27.5	2.15	30.5	1.75	32.3	1.55	32.7	1.40
62.0	26.1	2.00	29.6	1.65	32.4	1.45	34.1	1.40		
60.0	27.6	1.60	30.9	1.40	33.6	1.25	35.1	1.20		
57.0	29.8	1.20	32.9	1.05	35.4	0.95	36.6	0.90		
55.0	31.1	0.95	34.1	0.80	36.5	0.70	37.7	0.70		
54.0	31.8	0.80	34.7	0.65	37.1	0.60	38.2	0.60		
53.0	32.5	0.65								
Min. boom angle(°)	52		53		53		53		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC4**

Outriggers intermediately extended (4.2m) over side, with 15.3ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.0	2.40	25.6	1.95	28.9	1.65	31.0	1.55	31.6	1.40
65.0	23.4	2.00	27.1	1.60	30.2	1.40	32.1	1.30	32.7	1.30
62.0	25.6	1.45	29.2	1.15	32.0	1.00	33.8	0.95		
60.0	27.1	1.10								
Min. boom angle(°)	59		61		61		61		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									





Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SC1**

Outriggers fully extended (7.2m) 360° full range, with 15.3ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.55	16.6	4.75
75.0	13.6	5.60	14.9	5.60	16.7	5.60	17.8	5.55	18.2	4.70
72.0	16.4	5.60	17.7	5.60	19.3	5.60	20.3	5.35	20.5	4.70
70.0	18.3	5.60	19.5	5.60	21.0	5.50	21.9	5.25	22.0	4.70
67.0	20.9	4.95	21.8	4.70	23.0	4.40	23.8	4.25	24.2	4.15
65.0	22.1	4.30	23.2	4.05	24.3	3.85	25.1	3.65		
62.0	24.2	3.35	25.2	3.20	26.2	3.05	27.0	2.90		
60.0	25.6	2.85	26.5	2.70	27.6	2.55	28.2	2.50		
57.0	27.6	2.20	28.6	2.10	29.5	2.00	30.0	2.00		
55.0	29.0	1.80	29.8	1.75	30.7	1.70	31.1	1.65		
53.0	30.2	1.50	31.1	1.45	31.9	1.40	32.3	1.35		
52.0	30.9	1.30	31.7	1.30	32.5	1.25				
50.0	32.1	1.05	32.9	1.00	33.6	1.00				
47.0	33.8	0.70	34.6	0.70	35.3	0.70				
46.0	34.4	0.60	35.2	0.60	35.8	0.60				
Min. boom angle(°)	45		45		45		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC2**

Outriggers intermediately extended (6.0m) over side, with 15.3ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.55	16.6	4.75
75.0	13.6	5.60	14.9	5.60	16.7	5.60	16.7	5.60	17.8	5.55
72.0	16.4	5.60	17.7	5.60	19.3	5.05	20.1	4.85	20.5	4.70
70.0	18.3	4.95	19.2	4.75	20.5	4.35	21.4	4.10	21.8	4.05
67.0	20.3	3.80	21.4	3.55	22.6	3.30	23.4	3.20	23.8	3.15
65.0	21.7	3.15	22.8	2.95	24.0	2.75	24.7	2.65		
62.0	23.8	2.35	24.8	2.20	25.9	2.10	26.6	2.00		
60.0	25.2	1.85	26.2	1.80	27.2	1.70	27.9	1.65		
57.0	27.3	1.30	28.2	1.25	29.2	1.15	29.7	1.15		
56.0	28.0	1.10	28.9	1.10	29.8	1.05	30.3	1.00		
Min. boom angle(°)	55		55		55		55		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC3**

Outriggers intermediately extended (5.0m) over side, with 15.3ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.55	16.6	4.75
75.0	13.6	5.60	14.9	5.60	16.7	5.40	17.7	5.05	18.2	4.70
72.0	16.2	4.95	17.4	4.45	18.8	4.05	19.8	3.80	20.2	3.75
70.0	17.7	3.95	18.8	3.65	20.2	3.35	21.1	3.20	21.5	3.10
67.0	19.9	2.85	21.0	2.65	22.2	2.50	23.1	2.35	23.5	2.30
65.0	21.4	2.20	22.4	2.10	23.6	1.95	24.4	1.85		
63.0	22.8	1.70	23.8	1.60	25.0	1.50	25.7	1.45		
Min. boom angle(°)	62		62		62		62		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC4**

Outriggers intermediately extended (4.2m) over side, with 15.3ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.55	16.0	5.10	16.6	4.75
75.0	13.6	5.60	14.8	5.05	16.3	4.50	17.4	4.15	18.0	4.00
72.0	15.9	3.90	17.0	3.60	18.5	3.20	19.5	3.00	20.0	2.90
70.0	17.4	3.00	18.6	2.75	19.9	2.55	20.9	2.35	21.3	2.35
68.0	18.9	2.30	20.0	2.15	21.3	2.00	22.2	1.85	22.6	1.80
Min. boom angle(°)	67		67		67		67		67	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SC1**

Outriggers fully extended (7.2m) 360° full range, with 15.3ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.25	21.0	3.40	22.7	2.80	23.6	2.35
72.0	18.2	4.30	21.1	4.00	23.7	3.20	25.2	2.75	25.9	2.35
70.0	20.3	4.30	23.0	3.80	25.4	3.10	26.9	2.70	27.4	2.35
67.0	23.3	4.30	25.8	3.50	27.9	3.00	29.2	2.65	29.6	2.35
65.0	24.9	3.65	27.6	3.10	29.6	2.90	30.7	2.60		
62.0	27.4	2.80	29.7	2.50	31.6	2.35	32.9	2.20		
60.0	29.0	2.35	31.2	2.15	33.0	1.95	34.0	1.90		
57.0	31.3	1.75	33.3	1.65	35.0	1.55	35.8	1.50		
55.0	32.8	1.45	34.7	1.35	36.3	1.30	37.0	1.25		
53.0	34.2	1.15	36.0	1.10	37.6	1.00	38.1	1.05		
52.0	34.8	1.05	36.7	1.00	38.2	0.90				
50.0	36.2	0.85	38.0	0.80	39.4	0.70				
48.0	37.4	0.65	39.3	0.55	40.5	0.55				
47.0	38.0	0.50								
Min. boom angle(°)	46		47		47		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC2**

Outriggers intermediately extended (6.0m) over side, with 15.3ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.25	21.0	3.40	22.7	2.80	23.6	2.35
72.0	18.2	4.30	21.1	4.00	23.7	3.20	25.2	2.75	25.9	2.35
70.0	20.3	4.30	23.0	3.70	25.4	3.10	26.9	2.70	27.4	2.35
67.0	22.8	3.25	25.4	2.80	27.7	2.50	29.2	2.30	29.6	2.35
65.0	24.4	2.65	27.0	2.30	29.1	2.10	30.4	2.00		
62.0	26.9	1.95	29.2	1.70	31.2	1.55	32.4	1.50		
60.0	28.5	1.50	30.7	1.35	32.6	1.25	33.7	1.20		
58.0	30.1	1.20	32.2	1.05	33.9	1.00	34.9	0.95		
57.0	30.9	1.00	32.9	0.95						
Min. boom angle(°)	56		56		57		57		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC3**

Outriggers intermediately extended (5.0m) over side, with 15.3ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.25	21.0	3.40	22.7	2.80	23.6	2.35
72.0	18.2	4.20	20.9	3.50	23.5	3.00	25.2	2.75	25.9	2.35
70.0	19.9	3.35	22.5	2.85	25.0	2.45	26.6	2.30	27.4	2.20
67.0	22.4	2.40	24.9	2.05	27.2	1.80	28.7	1.70	29.4	1.65
65.0	24.0	1.85	26.5	1.60	28.7	1.45	30.1	1.35		
64.0	24.8	1.65	27.3	1.40	29.4	1.30	30.7	1.20		
Min. boom angle(°)	63		63		63		63		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC4**

Outriggers intermediately extended (4.2m) over side, with 15.3ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.0	3.95	20.8	3.25	22.7	2.80	23.6	2.35
72.0	17.8	3.35	20.6	2.75	23.2	2.35	24.9	2.15	25.8	2.05
70.0	19.6	2.55	22.2	2.15	24.7	1.85	26.4	1.70	27.2	1.65
69.0	20.4	2.25	23.0	1.90	25.5	1.65	27.1	1.50	27.8	1.50
Min. boom angle(°)	68		68		68		68		68	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SC1**

Outriggers fully extended (7.2m) 360° full range, with 15.3ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.70	25.2	2.40	28.4	1.90	30.6	1.60	31.5	1.40
70.0	22.9	2.70	27.2	2.30	30.3	1.85	32.3	1.60	33.0	1.40
67.0	26.4	2.70	30.1	2.15	32.9	1.75	34.7	1.55	35.2	1.40
65.0	28.5	2.65	31.9	2.10	34.6	1.70	36.2	1.55		
62.0	31.5	2.20	34.6	1.95	37.1	1.70	38.5	1.55		
60.0	32.8	1.90	36.3	1.65	38.7	1.50	39.9	1.50		
57.0	35.3	1.45	38.3	1.25	40.6	1.15	41.7	1.15		
55.0	36.9	1.15	39.8	1.05	41.9	1.00	42.9	0.95		
53.0	38.4	0.95	41.2	0.85	43.2	0.80	44.0	0.80		
52.0	39.1	0.85	41.9	0.75	43.8	0.70				
50.0	40.6	0.60	43.2	0.55	45.0	0.55				
Min. boom angle(°)	49		49		49		51		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC2**

Outriggers intermediately extended (6.0m) over side, with 15.3ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.70	25.2	2.40	28.4	1.90	30.6	1.60	31.5	1.40
70.0	22.9	2.70	27.2	2.30	30.3	1.85	32.3	1.60	33.0	1.40
67.0	26.4	2.50	30.1	2.10	32.9	1.75	34.7	1.55	35.2	1.40
65.0	28.0	2.10	31.6	1.80	34.6	1.55	36.2	1.55		
62.0	30.5	1.55	33.9	1.30	36.7	1.20	38.2	1.20		
60.0	32.1	1.25	35.4	1.05	38.0	1.05	39.5	0.95		
58.0	33.7	0.95								
Min. boom angle(°)	57		59		59		59		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC3**

Outriggers intermediately extended (5.0m) over side, with 15.3ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.70	25.2	2.40	28.4	1.90	30.6	1.60	31.5	1.40
70.0	22.9	2.70	27.0	2.05	30.3	1.80	32.3	1.60	33.0	1.40
67.0	25.6	1.90	29.4	1.50	32.5	1.35	34.5	1.25	35.2	1.25
66.0	26.5	1.65	30.2	1.35	33.2	1.20	35.2	1.10		
65.0	27.4	1.45								
Min. boom angle(°)	64		65		65		65		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC4**

Outriggers intermediately extended (4.2m) over side, with 15.3ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.65	24.8	2.00	28.2	1.70	30.7	1.55	31.5	1.40
71.0	21.4	2.35	25.6	1.80	29.1	1.50	31.5	1.35	32.3	1.40
70.0	22.4	2.05								
69.0	23.3	1.75								
Min. boom angle(°)	68		70		70		70		70	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SC1**

Outriggers fully extended (7.2m) 360° full range, with 15.3ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.50	18.9	4.50	19.5	4.50
75.0	16.5	4.50	18.0	4.50	19.7	4.50	20.9	4.50	21.5	4.50
72.0	19.9	4.50	21.2	4.50	22.9	4.50	24.0	4.40	24.4	4.30
70.0	22.1	4.50	23.2	4.30	24.9	3.80	25.4	3.80	26.2	3.60
68.0	23.8	3.75	25.0	3.50	26.1	3.35	26.9	3.20	28.1	2.90
67.0	24.6	3.45	25.7	3.20	26.9	3.05	27.6	2.95		
65.0	26.2	2.85	27.3	2.70	28.5	2.55	29.1	2.50		
62.0	28.5	2.20	29.6	2.05	30.8	1.90	31.2	1.95		
60.0	30.1	1.75	31.1	1.65	32.2	1.55	32.6	1.55		
57.0	32.4	1.20	33.4	1.15	34.4	1.10	34.7	1.10		
56.0	33.2	1.05	34.1	1.00	35.1	0.95	35.4	0.95		
55.0	34.0	0.90	34.8	0.90	35.8	0.80				
Min. boom angle(°)	54		54		54		54		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC2**

Outriggers intermediately extended (6.0m) over side, with 15.3ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.50	17.5	4.50	18.9	4.50
75.0	16.5	4.50	18.0	4.50	19.7	4.50	19.7	4.50	20.9	4.50
72.0	19.9	4.30	21.1	3.95	22.4	3.65	23.3	3.50	24.0	3.30
70.0	21.5	3.50	22.7	3.20	24.0	3.00	24.9	2.85	25.8	2.60
68.0	23.2	2.80	24.3	2.60	25.6	2.40	26.4	2.35	27.5	2.05
67.0	24.0	2.50	25.1	2.35	26.3	2.20	27.1	2.15		
65.0	25.7	2.00	26.7	1.85	27.9	1.75	28.6	1.70		
63.0	27.2	1.55	28.2	1.45	29.5	1.35	30.0	1.35		
Min. boom angle(°)	62		62		62		62		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC3**

Outriggers intermediately extended (5.0m) over side, with 15.3ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.50	18.9	4.50	19.5	4.40
75.0	16.5	4.50	18.0	4.30	19.4	3.95	20.5	3.70	21.0	3.60
72.0	19.3	3.35	20.6	3.05	21.9	2.80	22.9	2.65	23.2	2.65
70.0	21.0	2.60	22.2	2.35	23.5	2.20	24.4	2.10	24.7	2.10
69.0	21.8	2.30	23.0	2.10	24.3	1.95	25.2	1.85		
Min. boom angle(°)	68		68		68		68		68	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC4**

Outriggers intermediately extended (4.2m) over side, with 15.3ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.2	4.15	18.5	3.75	19.1	3.60
75.0	16.2	3.75	17.6	3.45	19.0	3.20	20.1	2.95	20.6	2.90
72.0	18.9	2.35	20.1	2.30	21.4	2.15	22.5	2.00	22.9	2.00
Min. boom angle(°)	71		71		71		71		71	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SC1**

Outriggers fully extended (7.2m) 360° full range, with 15.3ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.4	3.20	24.1	2.75	24.8	2.35
75.0	18.3	3.20	21.6	3.20	24.7	3.15	26.1	2.70	26.7	2.35
72.0	22.1	3.20	25.2	3.20	27.8	3.05	29.0	2.65	29.5	2.35
70.0	24.5	3.20	27.6	3.20	29.8	2.95	31.0	2.60	31.3	2.30
68.0	26.9	3.10	29.9	2.60	31.7	2.45	32.8	2.40	33.1	2.25
67.0	28.0	2.75	30.2	2.50	32.2	2.35	33.7	2.20		
65.0	29.4	2.35	31.7	2.15	33.8	2.00	34.9	1.90		
62.0	31.9	1.75	34.1	1.60	36.1	1.50	37.2	1.45		
60.0	33.6	1.45	35.7	1.30	37.6	1.20	38.6	1.20		
57.0	36.2	0.95	38.2	0.90	39.8	0.85	40.4	0.85		
56.0	37.0	0.85								
Min. boom angle(°)	55		56		56		56		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC2**

Outriggers intermediately extended (6.0m) over side, with 15.3ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.4	3.20	24.1	2.75	24.8	2.35
75.0	18.3	3.20	21.6	3.20	24.7	3.15	26.1	2.70	26.7	2.35
72.0	22.1	3.20	25.2	3.00	27.4	2.75	29.0	2.55	29.5	2.35
70.0	24.5	2.80	26.8	2.50	29.1	2.25	30.5	2.15	31.3	2.10
68.0	26.0	2.30	28.5	2.05	30.7	1.85	32.1	1.75	33.0	1.65
67.0	26.9	2.05	29.4	1.80	31.6	1.65	32.9	1.55		
65.0	28.7	1.60	31.0	1.45	33.2	1.30	34.4	1.25		
64.0	29.5	1.40	31.8	1.30	33.9	1.15	35.1	1.15		
Min. boom angle(°)	63		63		63		63		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC3**

Outriggers intermediately extended (5.0m) over side, with 15.3ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.4	3.20	24.1	2.75	24.8	2.35
75.0	18.3	3.20	21.6	3.20	24.3	2.85	26.1	2.60	26.7	2.35
72.0	21.6	2.80	24.4	2.35	26.8	2.05	28.4	1.95	29.2	1.90
71.0	22.6	2.45	25.3	2.05	27.7	1.85	29.2	1.70	29.9	1.70
70.0	23.5	2.15	26.2	1.85	28.5	1.65	29.9	1.55		
69.0	24.4	1.90								
Min. boom angle(°)	68		69		69		69		69	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC4**

Outriggers intermediately extended (4.2m) over side, with 15.3ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.1	2.90	23.9	2.65	24.8	2.35
75.0	18.3	3.20	21.1	2.65	23.8	2.30	25.6	2.10	26.5	2.05
74.0	19.2	2.75	22.0	2.30	24.6	2.00	26.4	1.85	27.3	1.80
72.0	21.1	2.00								
Min. boom angle(°)	71		73		73		73		73	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SC1**

Outriggers fully extended (7.2m) 360° full range, with 15.3ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.2	2.20	28.9	1.90	31.3	1.60	32.3	1.40
72.0	24.7	2.20	29.1	2.20	32.3	1.80	34.3	1.55	35.1	1.40
70.0	27.5	2.20	31.7	2.20	34.5	1.75	36.3	1.55	36.9	1.35
68.0	30.0	2.20	33.9	2.10	36.5	1.70	38.2	1.55	38.6	1.30
67.0	31.3	2.20	34.9	2.00	37.5	1.70	39.2	1.55		
65.0	33.7	1.80	37.0	1.55	39.4	1.50	41.0	1.45		
62.0	35.9	1.40	39.1	1.20	41.6	1.15	43.0	1.10		
60.0	37.6	1.10	40.8	1.00	43.2	0.90	44.4	0.90		
58.0	39.3	0.90	42.4	0.80	44.6	0.75	45.8	0.70		
57.0	40.2	0.75								
Min. boom angle(°)	56		57		57		57		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC2**

Outriggers intermediately extended (6.0m) over side, with 15.3ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.2	2.20	28.9	1.90	31.3	1.60	32.3	1.40
72.0	24.7	2.20	29.1	2.20	32.3	1.80	34.3	1.55	35.1	1.40
70.0	27.5	2.20	31.2	1.95	34.5	1.70	36.3	1.55	36.9	1.35
69.0	28.8	2.00	32.1	1.75	35.2	1.55	37.2	1.45	37.8	1.35
67.0	30.3	1.65	33.9	1.40	36.9	1.25	38.7	1.20		
66.0	31.2	1.45	34.8	1.25	37.7	1.15	39.6	1.05		
Min. boom angle(°)	65		65		65		65		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC3**

Outriggers intermediately extended (5.0m) over side, with 15.3ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.2	2.20	28.9	1.90	31.3	1.60	32.3	1.40
74.0	21.9	2.20	26.5	2.20	30.0	1.85	32.3	1.60	33.3	1.40
72.0	24.7	2.20	28.6	1.80	31.9	1.55	34.1	1.45		
70.0	26.6	1.75								
Min. boom angle(°)	69		71		71		71		71	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC4**

Outriggers intermediately extended (4.2m) over side, with 15.3ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
76.0	19.0	2.20	23.9	2.20	27.6	1.90	30.3	1.60		
75.0	20.5	2.20								
74.0	21.9	2.20								
Min. boom angle(°)	73		75		75		75		75	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SC1**

Outriggers fully extended (7.2m) 360° full range, with 15.3ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	17.2	4.10	19.0	4.10	20.4	4.10	21.0	4.10
75.0	18.2	4.10	19.6	4.10	21.4	4.10	22.6	4.10	23.1	4.10
72.0	21.8	4.10	23.3	4.10	24.8	3.80	25.8	3.65	26.0	3.65
70.0	24.3	3.50	25.4	3.30	26.4	3.20	27.6	2.95	27.8	2.95
69.0	24.8	3.30	25.8	3.20	27.2	2.95	28.0	2.80	28.2	2.80
67.0	26.4	2.75	27.4	2.60	28.8	2.40	29.6	2.30		
65.0	28.2	2.20	29.2	2.10	30.4	2.00	31.1	1.95		
62.0	30.7	1.55	31.7	1.45	32.8	1.40	33.4	1.40		
61.0	31.6	1.35	32.4	1.35	33.6	1.25	34.2	1.20		
60.0	32.5	1.15	33.2	1.15	34.5	1.05				
Min. boom angle (°)	59		59		59		59		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC2**

Outriggers intermediately extended (6.0m) over side, with 15.3ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	17.2	4.10	19.0	4.10	20.4	4.10	21.0	4.10
75.0	18.2	4.10	19.6	4.10	21.4	4.10	22.6	3.75	23.1	3.70
72.0	21.4	3.50	22.5	3.25	24.0	2.95	24.9	2.85	25.2	2.85
70.0	23.1	2.80	24.3	2.55	25.7	2.35	26.5	2.30	26.8	2.30
69.0	24.0	2.45	25.1	2.30	26.5	2.15	27.3	2.05	27.6	2.05
67.0	25.6	1.95	26.7	1.80	28.1	1.65	29.0	1.60		
66.0	26.5	1.70	27.6	1.55						
Min. boom angle (°)	65		65		66		66		66	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC3**

Outriggers intermediately extended (5.0m) over side, with 15.3ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	17.2	4.10	19.0	4.10	20.2	3.80	20.8	3.70
75.0	18.0	3.90	19.2	3.65	20.8	3.25	21.9	3.05	22.4	3.00
73.0	19.8	3.00	21.0	2.80	22.5	2.55	23.5	2.40	24.0	2.35
72.0	20.7	2.60	21.9	2.45	23.4	2.25	24.3	2.10		
71.0	21.6	2.25								
Min. boom angle (°)	70		71		71		71		71	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC4**

Outriggers intermediately extended (4.2m) over side, with 15.3ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	16.8	3.70	18.4	3.35	19.7	3.10	20.3	3.05
75.0	17.4	2.90	18.6	2.80	20.2	2.50	21.4	2.35	22.0	2.30
Min. boom angle (°)	74		74		74		74		74	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SC1**

Outriggers fully extended (7.2m) 360° full range, with 15.3ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	3.00	23.8	3.00	25.6	2.75	26.2	2.35
75.0	19.7	3.00	23.1	3.00	26.3	3.00	27.8	2.70	28.3	2.30
72.0	23.8	3.00	27.0	3.00	29.8	2.90	31.0	2.60	31.3	2.30
70.0	26.5	3.00	29.6	2.60	31.8	2.40	33.0	2.35	33.2	2.30
69.0	27.9	2.70	30.7	2.30	32.7	2.20	34.0	2.10	34.2	2.10
67.0	29.5	2.25	31.9	2.05	34.0	1.90	35.3	1.80		
65.0	31.2	1.85	33.7	1.65	35.6	1.55	36.9	1.50		
62.0	34.1	1.25	36.3	1.15	38.1	1.05	39.2	1.05		
61.0	35.0	1.10	37.2	1.00	38.8	0.95				
60.0	35.9	0.95								
Min. boom angle(°)	59		60		60		60		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC2**

Outriggers intermediately extended (6.0m) over side, with 15.3ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	3.00	23.8	3.00	23.8	3.00	25.6	2.75
75.0	19.7	3.00	23.1	3.00	26.3	3.00	26.3	3.00	27.8	2.70
72.0	23.8	2.95	26.4	2.60	28.9	2.25	30.4	2.15	31.3	2.10
70.0	25.7	2.35	28.3	2.05	30.6	1.85	32.1	1.75	32.7	1.75
68.0	27.6	1.80	30.1	1.60	32.2	1.45	33.8	1.35		
67.0	28.5	1.60	31.0	1.40						
Min. boom angle(°)	66		66		67		67		67	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC3**

Outriggers intermediately extended (5.0m) over side, with 15.3ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	3.00	23.8	3.00	25.6	2.75	26.2	2.35
75.0	19.7	3.00	22.8	2.85	25.5	2.40	27.3	2.20	28.3	2.30
74.0	21.1	2.95	23.8	2.50	26.3	2.20	28.1	2.00	29.0	1.95
73.0	22.0	2.60	24.7	2.20	27.1	1.95	28.9	1.80		
72.0	23.2	2.20	25.6	1.95						
Min. boom angle(°)	71		71		72		72		72	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC4**

Outriggers intermediately extended (4.2m) over side, with 15.3ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	2.80	23.0	2.40	25.1	2.20	26.1	2.15
76.0	18.3	3.00	21.8	2.25	23.9	2.10				
Min. boom angle(°)	75		75		75		76		76	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SC1**

Outriggers fully extended (7.2m) 360° full range, with 15.3ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
77.0	19.0	2.10	24.3	2.10	28.5	1.95	30.8	1.60	31.9	1.40
75.0	22.2	2.10	27.2	2.10	30.9	1.85	33.1	1.60	33.9	1.40
72.0	26.8	2.10	31.4	2.10	34.6	1.75	36.4	1.55	36.9	1.40
70.0	29.8	2.10	34.0	2.05	36.8	1.75	38.5	1.55	38.8	1.40
69.0	31.2	2.10	35.2	1.85	37.9	1.75	39.5	1.55	39.7	1.40
67.0	33.8	1.70	36.7	1.55	39.6	1.45	41.5	1.35		
65.0	35.0	1.50	38.4	1.30	41.3	1.15	42.8	1.10		
64.0	35.9	1.35	39.3	1.10	42.1	1.00				
63.0	36.8	1.15	40.2	1.00						
62.0	37.7	1.05								
Min. boom angle (°)	61		62		62		62		65	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC2**

Outriggers intermediately extended (6.0m) over side, with 15.3ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
77.0	19.0	2.10	24.3	2.10	28.5	1.95	30.8	1.60	31.9	1.40
75.0	22.2	2.10	27.2	2.10	30.9	1.85	33.1	1.60	33.9	1.40
73.0	25.2	2.10	30.0	2.10	33.4	1.80	35.3	1.55	35.9	1.40
72.0	26.8	2.10	31.4	1.85	34.6	1.60	36.4	1.55		
70.0	29.2	1.80	32.8	1.55	36.0	1.35				
69.0	30.1	1.60	33.7	1.35						
Min. boom angle (°)	68		68		69		69		69	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC3**

Outriggers intermediately extended (5.0m) over side, with 15.3ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
77.0	19.0	2.10	24.3	2.10	28.5	1.95	30.8	1.60	31.9	1.40
76.0	20.6	2.10	25.8	2.10	29.7	1.90	32.0	1.60		
75.0	22.2	2.10	27.2	2.05	30.7	1.80				
74.0	23.7	2.10	28.1	1.85	31.6	1.60				
Min. boom angle (°)	73		73		73		74		74	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SC4**

Outriggers intermediately extended (4.2m) over side, with 15.3ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
79.0	15.8	2.10	21.3	2.10	25.9	2.05	28.4	1.65	29.8	1.40
78.0	17.4	2.10	22.8	2.10	27.3	1.90	29.6	1.65		
77.0	19.0	2.10								
76.0	20.6	2.10								
Min. boom angle (°)	75		77		77		77		77	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SD1**

Outriggers fully extended (7.2m) 360° full range, with 7.4ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.55	15.7	4.75
72.0	13.3	5.60	14.5	5.60	16.1	5.60	17.1	5.45	17.5	4.70
70.0	14.8	5.60	15.9	5.60	17.4	5.60	18.4	5.20	18.7	4.70
67.0	16.9	5.20	18.0	4.80	19.4	4.30	20.0	4.20	20.5	4.05
65.0	18.0	4.45	19.0	4.15	20.3	3.80	21.1	3.60	21.3	3.60
64.0	18.6	4.10	19.6	3.80	20.8	3.55	21.6	3.35	21.8	3.35
62.0	19.8	3.45	20.8	3.20	22.0	2.95	22.7	2.85		
60.0	21.0	2.90	21.9	2.75	23.0	2.55	23.7	2.45		
57.0	22.6	2.25	23.7	2.05	24.6	1.95	25.2	1.90		
55.0	23.8	1.80	24.8	1.70	25.6	1.65	26.2	1.60		
52.0	25.4	1.35	26.3	1.25	27.2	1.20	27.6	1.15		
51.0	25.9	1.20	26.8	1.10	27.7	1.05	28.0	1.05		
50.0	26.4	1.05	27.3	1.00	28.2	0.95				
47.0	27.9	0.70	28.7	0.65	29.6	0.55				
Min. boom angle(°)	46		46		46		50		62	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SD2**

Outriggers intermediately extended (6.0m) over side, with 7.4ton counterweight mounted to crane  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	14.0	5.60	15.2	5.55
72.0	13.3	5.60	14.5	5.60	16.1	4.95	16.9	4.75	17.5	4.50
70.0	14.8	5.10	15.7	4.75	17.1	4.25	18.1	3.95	18.5	3.85
67.0	16.5	3.85	17.5	3.60	18.9	3.20	19.8	3.00	20.1	3.00
65.0	17.7	3.15	18.7	2.95	20.0	2.70	20.8	2.55	21.1	2.50
64.0	18.3	2.85	19.3	2.65	20.6	2.40	21.4	2.30	21.6	2.30
62.0	19.5	2.30	20.5	2.15	21.7	1.95	22.4	1.85		
60.0	20.7	1.80	21.7	1.65	22.8	1.55	23.5	1.50		
57.0	22.4	1.20	23.4	1.10	24.3	1.05	25.0	1.00		
Min. boom angle(°)	56		56		56		56		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**LIFTING CAPACITIES (14.6m SL Jib)**

**Specification SD1**

Outriggers fully extended (7.2m) 360° full range, with 7.4ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.50	19.6	3.95	21.9	3.20	23.5	2.75	24.2	2.35
67.0	19.4	4.30	21.8	3.65	24.0	3.05	25.4	2.70	26.0	2.35
65.0	20.7	3.65	23.3	3.10	25.4	2.75	26.7	2.65	27.1	2.35
62.0	22.7	2.80	25.1	2.45	27.1	2.20	28.3	2.10		
60.0	24.0	2.35	26.3	2.10	28.3	1.85	29.4	1.80		
57.0	26.1	1.75	28.2	1.55	30.1	1.40	30.9	1.40		
55.0	27.4	1.40	29.4	1.30	31.2	1.20	31.9	1.15		
52.0	29.3	1.00	31.2	0.90	32.8	0.80	33.3	0.80		
51.0	29.8	0.90	31.8	0.80	33.3	0.70	33.8	0.70		
50.0	30.4	0.75	32.4	0.65	33.8	0.65				
49.0	31.0	0.65	33.0	0.55	34.3	0.55				
48.0	31.6	0.55								
Min. boom angle(°)	47		48		48		50		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SD2**

Outriggers intermediately extended (6.0m) over side, with 7.4ton counterweight mounted to crane  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	4.15	20.4	3.30	22.2	2.75	23.0	2.35
70.0	16.9	4.25	19.6	3.45	21.9	3.00	23.5	2.75	24.2	2.35
67.0	18.9	3.20	21.4	2.65	23.8	2.30	25.3	2.15	26.0	2.05
65.0	20.3	2.60	22.8	2.15	25.0	1.90	26.5	1.75	26.9	1.75
62.0	22.3	1.85	24.8	1.55	26.8	1.45	28.1	1.35		
60.0	23.7	1.45	26.0	1.25	28.0	1.10	29.2	1.05		
59.0	24.4	1.25	26.6	1.10	28.6	0.95	29.7	0.90		
58.0	25.1	1.10	27.2	0.95						
Min. boom angle(°)	57		57		58		58		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SD1**

Outriggers fully extended (7.2m) 360° full range, with 7.4ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.4	2.95	25.9	2.30	29.0	1.85	31.0	1.60	31.6	1.40
65.0	24.1	2.90	27.5	2.15	30.5	1.75	32.3	1.55	32.7	1.40
62.0	26.3	2.20	29.9	1.85	32.6	1.65	34.1	1.55		
60.0	27.8	1.85	31.1	1.55	33.9	1.35	35.2	1.35		
57.0	29.9	1.40	33.0	1.20	35.5	1.05	36.7	1.05		
55.0	31.3	1.10	34.2	0.95	36.6	0.85	37.7	0.85		
52.0	33.3	0.80	36.2	0.65	38.2	0.60	39.2	0.60		
51.0	34.0	0.65	36.8	0.55	38.8	0.55	39.6	0.55		
50.0	34.6	0.60								
Min. boom angle(°)	49		50		50		50		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SD2**

Outriggers intermediately extended (6.0m) over side, with 7.4ton counterweight mounted to crane  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	3.00	23.4	2.40	26.7	1.90	28.9	1.65	29.9	1.40
67.0	22.0	2.50	25.9	1.90	29.0	1.65	31.0	1.60	31.6	1.40
65.0	23.5	2.00	27.1	1.65	30.2	1.40	32.1	1.30	32.7	1.30
62.0	25.7	1.45	29.2	1.15	32.1	1.00	33.8	0.95		
60.0	27.1	1.15	30.5	0.95	33.3	0.80	34.9	0.75		
59.0	27.8	1.00								
Min. boom angle(°)	58		59		59		59		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**LIFTING CAPACITIES (8.8m SL Jib)**

**Specification SD1**

Outriggers fully extended (7.2m) 360° full range, with 7.4ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.55	16.6	4.75
75.0	13.6	5.60	14.9	5.60	16.7	5.60	17.8	5.55	18.2	4.70
72.0	16.4	5.45	17.7	4.85	18.9	4.55	19.9	4.20	20.5	4.05
70.0	17.9	4.40	19.0	4.05	20.3	3.70	21.2	3.50	21.6	3.45
67.0	20.0	3.20	21.1	3.00	22.4	2.75	23.2	2.65	23.6	2.55
65.0	21.5	2.50	22.6	2.35	23.7	2.20	24.5	2.10		
62.0	23.6	1.75	24.6	1.65	25.7	1.55	26.4	1.50		
60.0	25.0	1.35	26.0	1.25	27.0	1.20	27.7	1.10		
Min. boom angle(°)	59		59		59		59		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SD2**

Outriggers intermediately extended (6.0m) over side, with 7.4ton counterweight mounted to crane  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	5.60	16.2	5.20	16.6	4.75
75.0	13.6	5.60	14.9	5.30	16.4	4.65	17.5	4.30	18.0	4.20
72.0	16.0	4.05	17.1	3.70	18.5	3.35	19.6	3.10	20.0	3.05
70.0	17.4	3.15	18.6	2.85	19.9	2.65	20.9	2.45	21.3	2.45
67.0	19.6	2.10	20.7	1.95	22.0	1.80	22.8	1.75	23.2	1.70
Min. boom angle(°)	66		66		66		66		66	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SD1**

Outriggers fully extended (7.2m) 360° full range, with 7.4ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.25	21.0	3.40	22.7	2.80	23.6	2.35
72.0	18.2	4.30	21.1	3.85	23.7	3.20	25.2	2.75	25.9	2.35
70.0	20.3	3.60	22.7	3.15	25.4	2.65	26.9	2.50	27.4	2.35
67.0	22.5	2.70	25.1	2.25	27.4	2.00	28.8	1.90	29.5	1.85
65.0	24.1	2.15	26.7	1.80	28.8	1.60	30.2	1.50		
62.0	26.6	1.40	29.0	1.25	30.9	1.15	32.2	1.05		
61.0	27.4	1.25								
Min. boom angle(°)	60		61		61		61		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SD2**

Outriggers intermediately extended (6.0m) over side, with 7.4ton counterweight mounted to crane  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	18.2	4.05	21.0	3.30	22.7	2.80	23.6	2.35
72.0	17.8	3.55	20.6	2.85	23.2	2.40	24.9	2.20	25.9	2.10
70.0	19.6	2.65	22.2	2.25	24.7	1.90	26.4	1.75	27.2	1.70
69.0	20.4	2.30	23.0	1.95	25.5	1.70	27.1	1.55	27.8	1.50
68.0	21.3	2.00	23.8	1.70						
Min. boom angle(°)	67		67		68		68		68	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**LIFTING CAPACITIES (20.4m SL Jib)**

**Specification SD1**

Outriggers fully extended (7.2m) 360° full range, with 7.4ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
72.0	20.6	2.70	25.2	2.40	28.4	1.90	30.6	1.60	31.5	1.40
70.0	22.9	2.70	27.2	2.30	30.3	1.85	32.3	1.60	33.0	1.40
67.0	25.8	2.10	29.6	1.70	32.9	1.45	34.7	1.35	35.2	1.40
65.0	27.5	1.65	31.2	1.35	34.1	1.20	36.0	1.15		
63.0	29.2	1.30	32.8	1.00	35.6	0.90	37.3	0.90		
62.0	30.1	1.10								
Min. boom angle(°)	61		62		62		62		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SD2**

Outriggers intermediately extended (6.0m) over side, with 7.4ton counterweight mounted to crane  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.60	25.5	2.00	28.0	1.70	29.2	1.40
73.0	19.4	2.70	24.1	2.25	27.5	1.95	29.8	1.65	30.8	1.40
72.0	20.6	2.70	24.8	2.05	28.4	1.70	30.6	1.60		
71.0	21.5	2.40	25.6	1.80	29.1	1.50	31.3	1.40		
70.0	22.4	2.10	26.5	1.60						
69.0	23.4	1.80	27.3	1.40						
Min. boom angle(°)	68		68		70		70		70	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SD1**

Outriggers fully extended (7.2m) 360° full range, with 7.4ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.50	18.9	4.50	19.5	4.50
75.0	16.5	4.50	18.0	4.50	19.7	4.30	20.9	3.90	21.5	3.75
72.0	19.5	3.70	20.8	3.35	22.0	3.15	23.0	2.95	23.4	2.90
70.0	21.2	2.90	22.4	2.65	23.7	2.50	24.6	2.35	24.8	2.40
69.0	22.0	2.55	23.2	2.35	24.4	2.20	25.3	2.10	25.6	2.10
67.0	23.7	1.95	24.8	1.80	26.0	1.70	26.8	1.60		
Min. boom angle(°)	66		66		66		66		66	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SD2**

Outriggers intermediately extended (6.0m) over side, with 7.4ton counterweight mounted to crane  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.7	4.50	17.5	4.15	18.6	3.85	19.2	3.70
75.0	16.3	4.05	17.6	3.65	19.0	3.30	20.2	3.05	20.7	2.95
73.0	18.1	3.05	19.3	2.75	20.6	2.55	21.8	2.30	22.2	2.30
72.0	19.0	2.60	20.2	2.35	21.4	2.25	22.5	2.05		
Min. boom angle(°)	71		71		71		71		71	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**LIFTING CAPACITIES (14.6m SL Jib)**

**Specification SD1**

Outriggers fully extended (7.2m) 360° full range, with 7.4ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.4	3.20	24.1	2.75	24.8	2.35
75.0	18.3	3.20	21.6	3.20	24.7	3.05	26.1	2.70	26.7	2.35
72.0	22.1	3.00	24.6	2.55	27.0	2.25	28.6	2.15	29.5	2.05
70.0	23.7	2.40	26.4	2.05	28.7	1.80	30.1	1.70	30.8	1.70
68.0	25.5	1.85	28.1	1.60	30.3	1.45	31.7	1.35		
67.0	26.4	1.60								
Min. boom angle(°)	66		67		67		67		67	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SD2**

Outriggers intermediately extended (6.0m) over side, with 7.4ton counterweight mounted to crane  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	3.20	22.2	2.90	24.1	2.65	24.8	2.35
75.0	18.3	3.20	21.2	2.75	23.8	2.35	25.6	2.15	26.5	2.10
74.0	19.6	2.80	22.2	2.35	24.6	2.10	26.4	1.90		
73.0	20.9	2.30	23.1	2.05						
Min. boom angle(°)	72		72		73		73		73	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SD1**

Outriggers fully extended (7.2m) 360° full range, with 7.4ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.2	2.20	28.9	1.90	31.3	1.60	32.3	1.40
72.0	24.7	2.20	29.1	1.90	32.3	1.65	34.3	1.55	35.1	1.40
70.0	26.9	1.90	30.6	1.55	33.8	1.40	35.9	1.30		
69.0	27.8	1.70	31.5	1.35	34.6	1.20	36.7	1.10		
68.0	28.7	1.45								
Min. boom angle(°)	67		68		68		68		68	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SD2**

Outriggers intermediately extended (6.0m) over side, with 7.4ton counterweight mounted to crane  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
77.0	17.6	2.20	22.6	2.20	26.6	2.00	29.3	1.65	30.5	1.40
75.0	20.5	2.20	25.0	2.10	28.9	1.65	31.3	1.55		
74.0	21.9	2.20	26.0	1.85						
Min. boom angle(°)	73		73		74		74		74	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**LIFTING CAPACITIES (8.8m SL Jib)**

**Specification SD1**

Outriggers fully extended (7.2m) 360° full range, with 7.4ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	17.2	4.10	19.0	4.10	20.4	4.10	21.0	4.05
75.0	18.2	4.10	19.6	3.90	21.1	3.55	22.1	3.35	22.6	3.25
72.0	21.0	2.95	22.1	2.75	23.6	2.45	24.5	2.35	24.9	2.30
70.0	22.7	2.25	23.8	2.10	25.2	1.90	26.1	1.85		
Min. boom angle(°)	69		69		69		69		69	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SD2**

Outriggers intermediately extended (6.0m) over side, with 7.4ton counterweight mounted to crane  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	4.10
77.0	15.6	4.10	16.9	4.05	18.6	3.50	19.8	3.20	20.3	3.10
76.0	16.7	3.65	17.9	3.45	19.5	3.05	20.6	2.85	21.2	2.70
75.0	17.6	3.15	18.8	2.95	20.4	2.65	21.5	2.45		
Min. boom angle(°)	74		74		74		74		74	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SD1**

Outriggers fully extended (7.2m) 360° full range, with 7.4ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
77.0	16.9	3.00	20.4	3.00	23.8	3.00	25.6	2.75	26.2	2.35
75.0	19.7	3.00	23.1	3.00	26.3	2.45	27.8	2.35	28.3	2.30
73.0	22.5	2.75	25.0	2.40	27.5	2.10	29.2	1.95	30.0	1.90
72.0	23.2	2.50	25.9	2.15	28.3	1.90	30.0	1.75		
71.0	24.2	2.20	26.8	1.90	29.2	1.65	30.8	1.55		
70.0	25.1	1.90	27.7	1.60						
Min. boom angle(°)	69		69		70		70		70	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SD2**

Outriggers intermediately extended (6.0m) over side, with 7.4ton counterweight mounted to crane  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.85	23.0	2.35
78.0	15.4	3.00	19.0	3.00	22.4	2.80	24.2	2.60	25.1	2.35
77.0	16.9	3.00	20.4	3.00	23.2	2.55	25.1	2.30		
75.0	19.3	2.80								
Min. boom angle(°)	74		76		76		76		76	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**LIFTING CAPACITIES (20.4m SL Jib)**

**Specification SD1**

Outriggers fully extended (7.2m) 360° full range, with 7.4ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
77.0	19.0	2.10	24.3	2.10	28.5	1.95	30.8	1.60	31.9	1.40
76.0	20.6	2.10	25.8	2.10	29.7	1.90	32.0	1.60	32.9	1.40
75.0	22.2	2.10	27.2	2.10	30.9	1.85	33.1	1.60		
74.0	23.7	2.10	28.6	1.95	32.2	1.65				
72.0	26.7	1.85	30.2	1.55						
Min. boom angle(°)	71		71		72		72		72	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SD2**

Outriggers intermediately extended (6.0m) over side, with 7.4ton counterweight mounted to crane  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
79.0	15.8	2.10	21.3	2.10	25.9	2.05	28.4	1.65		
78.0	17.4	2.10	22.8	2.10	27.2	2.00				
77.0	19.0	2.10	24.3	2.10						
76.0	20.6	2.10								
Min. boom angle(°)	75		76		77		77		77	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SE1**

Outriggers fully extended (7.2m) 360° full range, without counterweight  
33.2m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	4.6	5.60	5.9	5.60	7.7	5.60	9.3	5.60	10.2	5.05
80.0	7.1	5.60	8.5	5.60	10.3	5.60	11.7	5.60	12.5	4.85
77.0	9.5	5.60	10.8	5.60	12.6	5.60	13.8	5.60	14.4	4.80
75.0	11.0	5.60	12.3	5.60	14.0	5.60	15.2	5.20	15.7	4.75
72.0	13.3	5.50	14.5	4.85	15.8	4.30	16.8	4.00	17.3	3.85
70.0	14.5	4.40	15.6	3.95	17.0	3.50	17.9	3.25	18.4	3.15
67.0	16.3	3.10	17.4	2.80	18.7	2.55	19.6	2.35	19.9	2.35
65.0	17.5	2.45	18.5	2.25	19.8	2.00	20.7	1.85	20.9	1.85
64.0	18.1	2.15	19.1	1.95	20.4	1.75	21.2	1.65	21.4	1.65
62.0	19.3	1.60	20.3	1.50	21.5	1.35	22.3	1.25		
61.0	19.9	1.35	20.9	1.25	22.1	1.15	22.8	1.05		
Min. boom angle (°)	60		60		60		60		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SE1**

Outriggers fully extended (7.2m) 360° full range, without counterweight  
33.2m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.1	4.50	8.3	4.50	11.5	4.30	13.8	3.25	15.4	2.50
80.0	8.1	4.50	11.3	4.50	14.3	3.90	16.4	3.05	17.9	2.45
77.0	10.9	4.50	13.9	4.50	16.6	3.65	18.7	2.95	19.9	2.40
75.0	12.6	4.50	15.6	4.50	18.2	3.50	20.1	2.85	21.2	2.40
72.0	15.2	4.50	18.0	3.55	20.4	3.00	22.2	2.70	23.0	2.35
70.0	16.5	3.65	19.2	2.90	21.6	2.50	23.4	2.20	24.2	2.15
67.0	18.6	2.55	21.2	2.10	23.6	1.75	25.2	1.60	25.8	1.60
65.0	20.1	1.95	22.6	1.60	24.8	1.40	26.3	1.25	26.8	1.25
63.0	21.4	1.45	23.9	1.20	26.1	1.05	27.4	1.00		
62.0	22.1	1.25								
Min. boom angle (°)	61		62		62		62		63	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SE1**

Outriggers fully extended (7.2m) 360° full range, without counterweight  
33.2m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	3.00	10.9	3.00	15.5	2.40	18.8	1.90	20.9	1.50
80.0	9.7	3.00	14.4	3.00	18.5	2.25	21.6	1.80	23.4	1.50
77.0	12.8	3.00	17.3	2.90	21.1	2.10	23.9	1.75	25.4	1.45
75.0	14.8	3.00	19.1	2.75	22.8	2.05	25.4	1.70	26.8	1.45
72.0	17.7	3.00	21.7	2.55	25.2	1.95	27.5	1.65	28.7	1.40
70.0	19.7	2.65	23.4	2.05	26.7	1.75	28.9	1.60	29.9	1.40
67.0	21.6	1.95	25.3	1.50	28.6	1.30	30.7	1.20	31.6	1.15
65.0	23.1	1.50	26.7	1.20	29.8	1.00	31.9	0.90	32.6	0.90
64.0	23.8	1.30	27.3	1.05						
Min. boom angle (°)	63		63		64		64		64	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SE1**

Outriggers fully extended (7.2m) 360° full range, without counterweight  
40.5m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.4	5.60	6.8	5.60	8.8	5.60	10.4	5.60	11.3	5.00
80.0	8.7	5.60	10.2	5.60	12.1	5.60	13.5	5.60	14.2	4.80
77.0	11.7	5.60	13.1	5.60	14.9	4.95	15.9	4.60	16.6	4.35
75.0	13.6	5.00	14.6	4.60	16.2	3.95	17.3	3.60	17.8	3.50
72.0	15.7	3.35	16.9	2.95	18.3	2.65	19.3	2.45	19.9	2.35
71.0	16.4	2.90	17.6	2.60	19.0	2.30	20.0	2.15	20.5	2.10
Min. boom angle (°)	70		70		70		70		70	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SE1**

Outriggers fully extended (7.2m) 360° full range, without counterweight  
40.5m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	5.9	4.30	9.0	4.30	12.9	4.20	15.2	3.20	16.5	2.45
80.0	9.4	4.30	12.9	4.30	16.3	3.80	18.3	3.00	19.6	2.45
77.0	12.7	4.30	16.1	4.30	19.1	3.55	21.0	2.90	22.0	2.40
75.0	14.9	4.30	17.8	3.45	20.6	2.75	22.7	2.40	23.6	2.35
72.0	17.6	2.80	20.3	2.25	23.0	1.85	24.7	1.70	25.6	1.65
71.0	18.4	2.45	21.1	1.95	23.7	1.65	25.4	1.50	26.3	1.40
Min. boom angle (°)	70		70		70		70		70	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SE1**

Outriggers fully extended (7.2m) 360° full range, without counterweight  
40.5m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	2.70	12.1	2.70	17.0	2.35	20.3	1.85	22.1	1.50
80.0	10.8	2.70	16.3	2.70	20.6	2.20	23.5	1.75	25.1	1.45
77.0	14.4	2.70	19.9	2.70	23.6	2.10	26.2	1.70	27.6	1.45
75.0	16.9	2.70	22.0	2.35	25.5	1.95	28.0	1.70	29.2	1.40
73.0	19.4	2.50	23.5	1.85	27.2	1.50	29.6	1.35	30.8	1.35
72.0	20.2	2.20	24.4	1.55						
Min. boom angle (°)	71		71		72		72		72	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS

SA

SB

SC

SD

SE

33.2m Boom

40.5m Boom

47.9m Boom

51.3m Boom



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SE1**

Outriggers fully extended (7.2m) 360° full range, without counterweight  
47.9m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.4	4.50	8.0	4.50	10.2	4.50	11.9	4.50	12.9	4.50
80.0	10.6	4.50	12.3	4.50	14.2	4.50	15.7	4.50	16.6	4.50
77.0	14.1	4.50	15.5	4.15	17.1	3.60	18.3	3.25	18.9	3.10
75.0	16.0	3.40	17.3	3.00	18.7	2.70	19.9	2.45	20.4	2.40
74.0	16.9	2.85	18.2	2.50						
Min. boom angle (°)	73		73		74		74		74	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SE1**

Outriggers fully extended (7.2m) 360° full range, without counterweight  
47.9m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.0	3.20	10.8	3.20	14.5	3.20	17.0	3.10	18.3	2.45
80.0	11.7	3.20	15.4	3.20	18.9	3.20	20.9	2.90	21.9	2.40
77.0	15.7	3.20	19.2	2.90	21.7	2.45	23.6	2.25	24.8	2.10
75.0	17.9	2.80	20.8	2.20						
Min. boom angle (°)	74		74		76		76		76	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SE1**

Outriggers fully extended (7.2m) 360° full range, without counterweight  
47.9m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.5	2.20	13.5	2.20	18.5	2.20	22.0	1.80	23.9	1.45
80.0	13.1	2.20	18.5	2.20	23.1	2.10	26.0	1.70	27.5	1.45
78.0	16.1	2.20	21.2	2.20	25.5	2.05	28.2	1.65	29.5	1.40
77.0	17.6	2.20	22.6	2.20	26.6	1.75				
76.0	19.0	2.20								
Min. boom angle (°)	75		76		76		77		77	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

**Specification SE1**

Outriggers fully extended (7.2m) 360° full range, without counterweight  
51.3m Boom + 8.8m SL Jib

Boom angle (°)	Offset 5°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	6.9	4.10	8.5	4.10	10.9	4.10	12.6	4.10	13.7	4.10
80.0	11.6	4.10	13.3	4.10	15.3	4.10	16.9	4.10	17.6	3.90
78.0	14.2	4.10	15.7	3.95	17.3	3.45	18.6	3.05	19.2	2.95
77.0	15.3	3.60								
Min. boom angle(°)	76		77		77		77		77	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SE1**

Outriggers fully extended (7.2m) 360° full range, without counterweight  
51.3m Boom + 14.6m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	7.3	3.00	11.3	3.00	15.2	3.00	17.9	3.00	19.2	2.40
80.0	12.5	3.00	16.2	3.00	19.9	3.00	22.2	2.70	23.0	2.35
79.0	14.0	3.00	17.6	3.00	21.4	2.55	23.0	2.40	24.1	2.35
78.0	15.4	3.00	19.0	2.95						
77.0	16.9	3.00								
Min. boom angle(°)	76		77		78		78		78	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

**Specification SE1**

Outriggers fully extended (7.2m) 360° full range, without counterweight  
51.3m Boom + 20.4m SL Jib

Boom angle (°)	Offset 2°		Offset 15°		Offset 30°		Offset 45°		Offset 60°	
	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]	Working radius [m]	Load [ton]
84.0	8.6	2.10	14.2	2.10	19.6	2.10	22.9	1.75	24.8	1.45
80.0	14.2	2.10	19.7	2.10	24.5	2.05	27.2	1.70	28.7	1.40
79.0	15.8	2.10	21.3	2.10						
78.0	17.4	2.10								
Min. boom angle(°)	77		78		79		79		79	
Standard hook	for 5.6ton									
Hook mass	150kg									
Parts of line	1									

SS  
SA  
SB  
SC  
SD  
SE

33.2m Boom  
40.5m Boom  
47.9m Boom  
51.3m Boom

