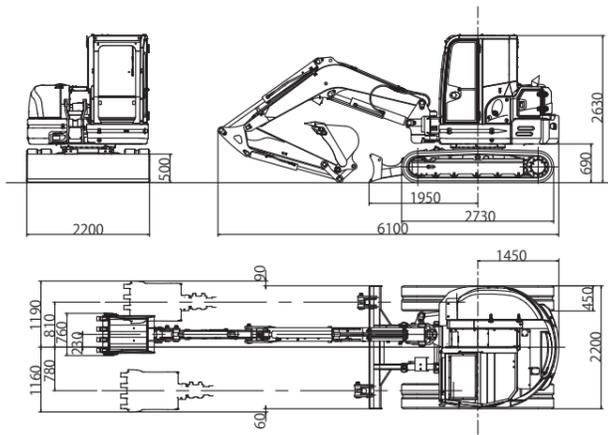
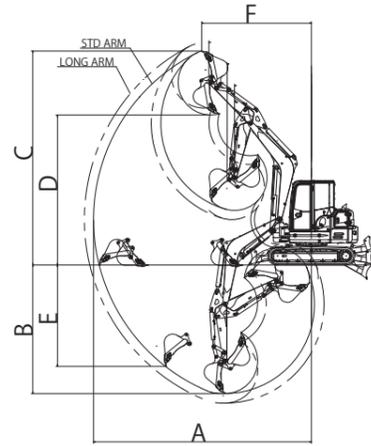


■ Dimensions (unit : mm)



■ Working Range (unit : mm)



		Std. arm	Long. arm
A	Max. digging radius	6830	7110
B	Max. digging depth	4020	4320
C	Max. digging height	6700	6920
D	Max. dumping height	4700	4910
E	Max. vertical digging depth	3170	3460
F	Min. front turning radius	2640	2720
	At right boom swing	2150	2240

■ 85V4 Specifications

◇ Performance

Bucket capacity	0.25m <sup>3</sup>
Bucket width	760mm
Operating weight : Canopy (Cabin)	8515kg
Transportation weight : Canopy (Cabin)	8440kg
Swing speed	9.0min <sup>-1</sup>
Travel speed (low/high)	2.5 / 4.4 km/h
Gradeability	58% (30°)
Ground pressure	41kPa
Max bucket digging force	55.0kN

◇ Engine

Model	YANMAR 4TNV98C
Rated output	42.7kW(58.1PS)/2100min <sup>-1</sup>
Fuel tank capacity	110L

- Please read carefully instruction manuals before operating machines, and use them correctly and safely.
- Please perform periodically check and maintenance for machines to prevent from troubles and accidents.
- Photographs may differ in some cases from actual objects. Specifications are subject to change without notice due to technical improvements or modifications.

◇ Boom swing system

Type	Boom offset with hydraulic cylinder
Swing angle (L/R)	50° / 80°

◇ Hydraulic system

Pressure	24.5MPa
Pump hydraulic flow	75.6 L/min×2 + 54.2 L/min

◇ Dozer blade

Size	2000mm×500mm
Lift above ground / Drop below ground	420mm / 440mm

◇ Max auxiliary flow

1st line	75.6 L/min
2nd line	54.2 L/min

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Short Tail Swing Midi Excavator

**85V4**  
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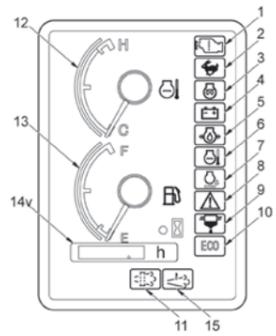
3174 Showa-machi, Kanazawa-ku, Yokohama, Kanagawa 236-8611, Japan  
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<http://www.ihikenki.co.jp>

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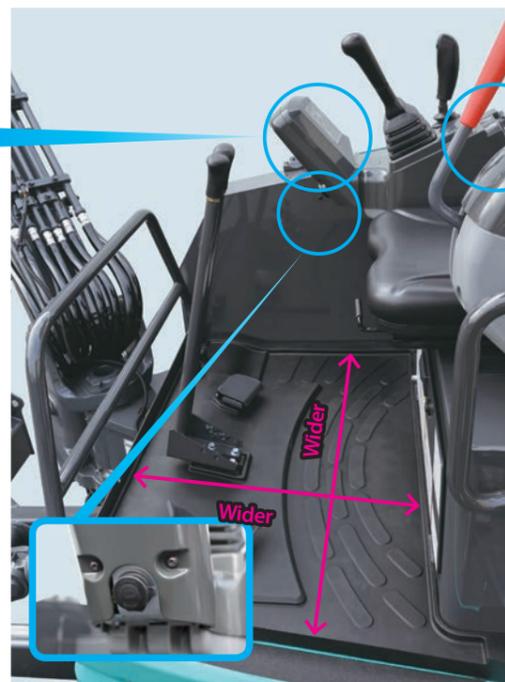
## COMFORTABLE OPERATOR ROOM AND EASY OPERATION



● Easily visible monitor



- 1 Engine warning indicator
- 2 Travel speed indicator
- 3 Glow indicator
- 4 Battery charge warning indicator
- 5 Engine oil pressure warning indicator
- 6 Water temperature warning indicator
- 7 Auto idle indicator (Option)
- 8 Control lock warning indicator
- 9 Water-separator warning indicator
- 10 ECO mode indicator
- 11 DPF warning indicator
- 12 Water temperature gauge
- 13 Fuel gauge
- 14 Hour meter
- 15 Exhaust temperature warning indicator



● Spare power port  
(12V 10A)

● Legroom enlarged by 20%  
● Cabin room enlarged by 25%  
\*Comparison with our former model



● Centralized switches  
(Right console box)

- A Engine key switch
- B Throttle dial
- C Auto Idle selector switch (Option)
- D Light switch
- E Work mode selector switch



ROPS Cabin (Std.)

## WORLD-STANDARD SAFETY

- ROPS Cabin (Standard)
- FOPS Cabin (Option)



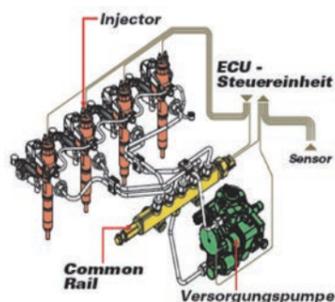
All operations are blocked when the lever is raised.

## ERROR-PREVENTION

- All-lever lock structure
- Neutral engine-start system
- Auto-parking brake in swing & traction motors

## ENGINE EXHAUST REGULATION

- Engine in compliance with the Emission for EC-Stage III B and EPA Tier 4 Final.
- New environmentally friendly 3.3L engine

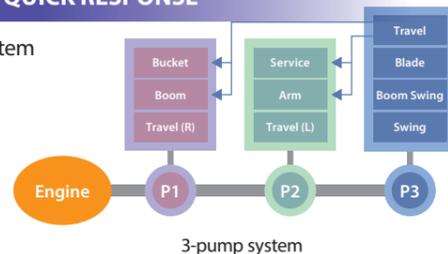


## DURABLE AND REPAIRABLE



## HIGH POWER DIGGING AND QUICK RESPONSE

- Quickly responsive 3-pump system



## EASY MAINTENANCE

- Large covers for easier access



● Engine room

● Right hand cover

- Trouble reduction by 2 measures

① Large fuel filter



② Pre-filter



Hydraulic tank with Air breather

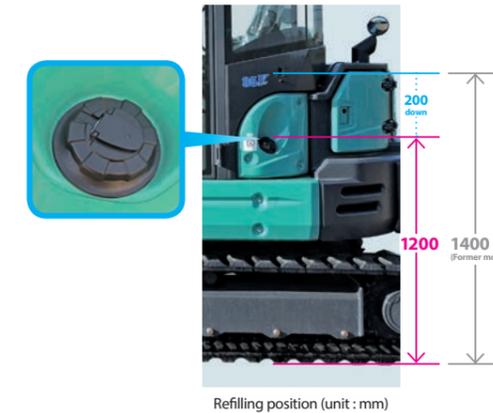


- Cooling System



Suction type "side-by-side cooler" cleaning system

## EASY FUEL REFILLING



Refilling position (unit : mm)

## AUTO-SHIFT TRACTION

- Automatically shifted travel function



Auto high speed mode



Low speed mode selector switch

## EXCELLENT STABILITY

- Enlarged stability by counterweight design



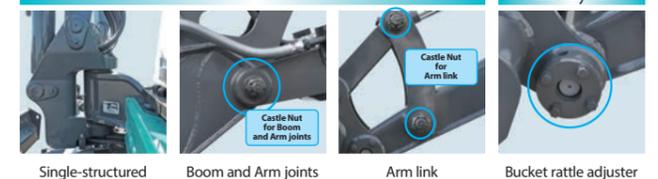
## EASY SKIMMING WORK

- Close distance between Bucket Tooth and Dozer Blade



## DURABLE AND REPAIRABLE

- Easily adjustable pins and longer life



Single-structured Swing Pin

Boom and Arm joints

Arm link

Bucket rattle adjuster

- Durable structure and easy care

## OPTIONS

Long arm (std. arm +300mm)	Heater	2nd auxiliary hydraulic piping
Steel shoes	FOPS Guard	3rd auxiliary hydraulic piping