

IHI

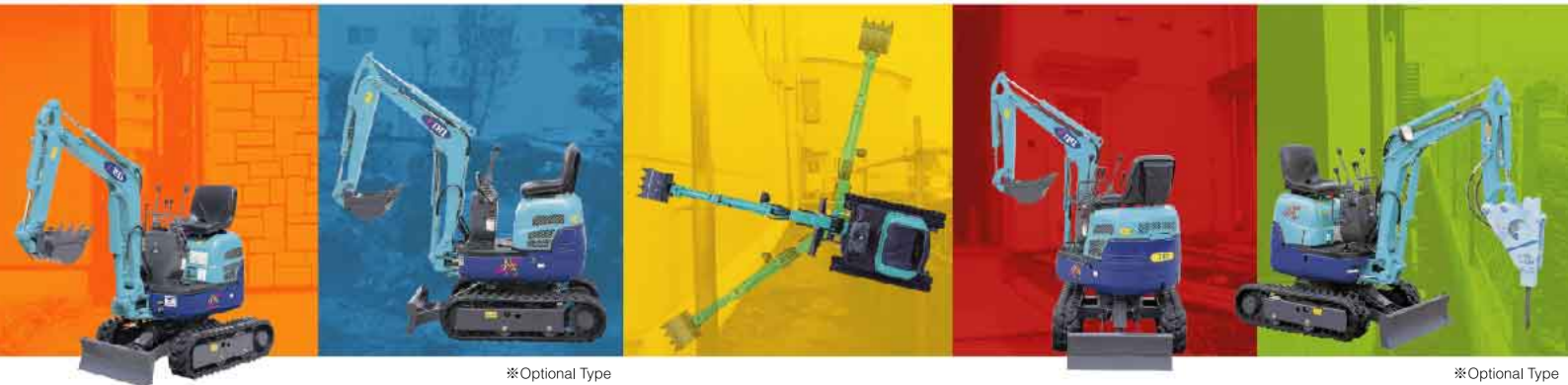
Zero Tail Swing
Mini Excavator



Standard Bucket Capacity: ISO 0.022m³



Slim Entry, Wide Activity. IHI's Know-How as a Pioneer in Ultra Mini Excavators Gives Your Small-Space Digging Jobs a Big Advantage.



※Optional Type

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Operating weight
Standard bucket capacity
Crawler width

890kg
ISO 0.022m³
Contracted:700mm
Extended:950mm

Tail swing radius 485mm
Max. digging depth 1570mm



When swung around,
the rear end protrusion
is a mere 10mm.

9NX: Because it's so easy to use

- ① **Agility that's tops in its class, with 485mm tail swing radius.**
- ② **700mm←→950mm for the widest spanner in its class.**
Combines narrow space entry capability with high stability.
- ③ **Only 1435mm required for full rotation.**
Most compact dimensions in its class.
(At 90° right swing)
Swift and compact turning lets it quickly access and handle jobs in narrow alleys and passages.
- ④ **Equipped with AB Quick change capability.**
Enables easy operation even if the operator is used to another company's equipment. Operation patterns can be switched with one-touch ease, with no need for tools.(F:option)
- ⑤ **One-point lifting for easy loading onto 2-ton dump truck.**



9NX: Because it's so rugged

- 1 Bucket cylinder hose is embedded in the arm.**
Improves forward visibility and helps prevent damage to the hose.
- 2 Protective cover for boom back and boom cylinder.**
Total protection to safeguard against physical contact during operations in the field.
- 3 Pressed steel engine cover for easy repair.
No degradation in quality even if exposed to sunlight or rain over long periods.**
Also the fuel tank is resin-based to deter the formation of rust, and the radiator is made of aluminum for superior heat exchange efficiency and corrosion resistance.



Resin-based Fuel Tank



Aluminum Radiator

9NX: Because it's so powerful



- 1 Bucket digging power of 10.5kN.**
The standard bucket has four teeth and is 370mm wide.
Arm digging power is 6.2kN.
This assures ample power as an excavator, tops in its class.



Detachable dozer blade

- 2 Extra-large long-armed dozer blade with extended edge.**
Optional dozer blade is also available for use when spanner is extended.

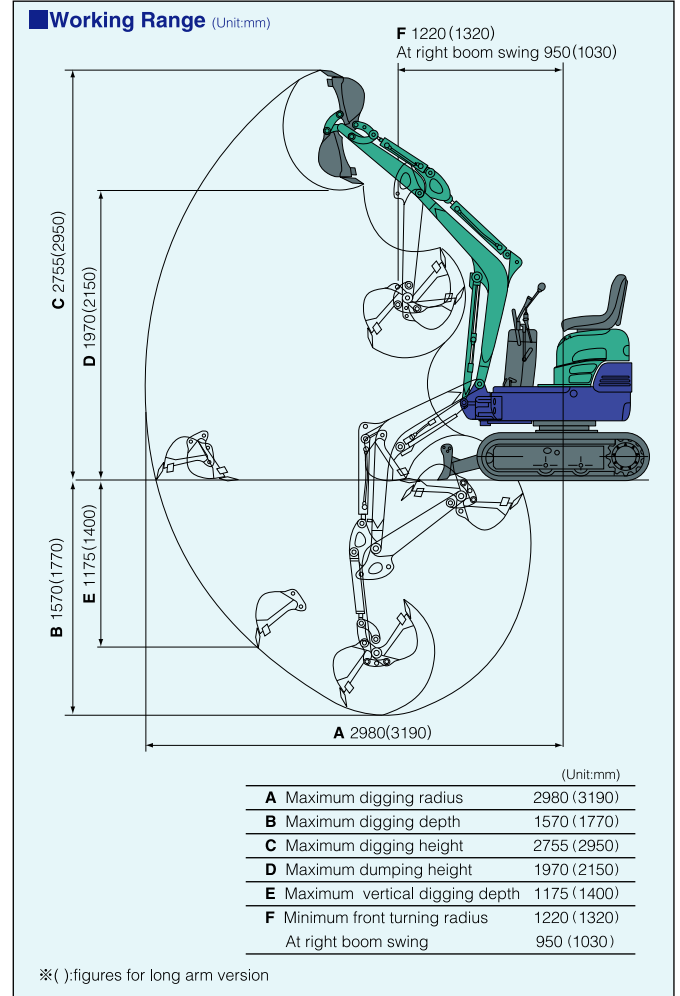
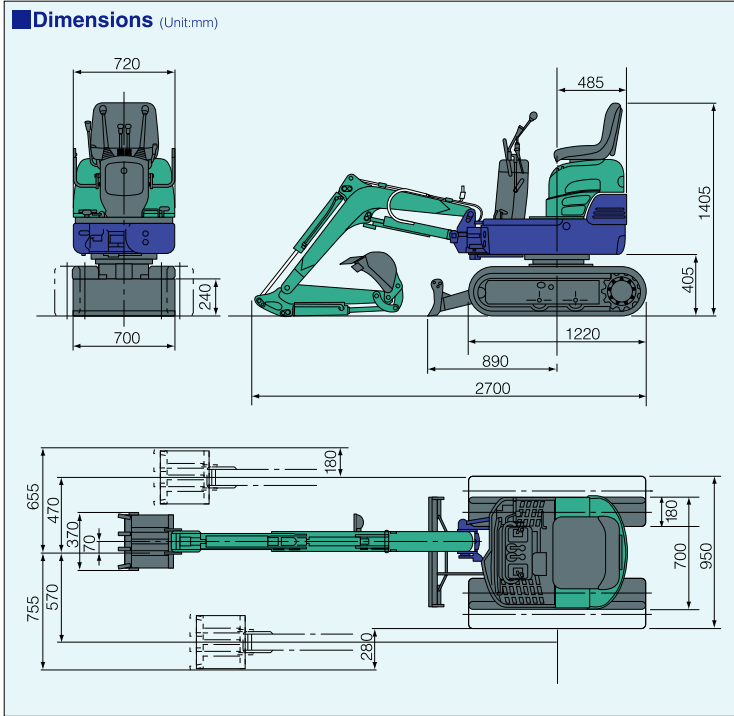


- 3 Rubber shoe featuring new lug pattern for improved durability.**
New style of rubber shoe that not only offers superior durability but also high ground-gripping power.

9NX: Because it's so safe



- 1 First in its class to be equipped with full-rotation auto parking brake.**
Brake automatically engages at any angle in the full swing range.
Eliminates the swing drift that tends to occur on inclined surfaces, and makes it unnecessary to manually lock the rotation.



Specifications

9NX		
●Performance		
STD. Bucket capacity (ISO)	0.022m ³	0.8ft ³
STD. Bucket width	370mm	14.6"
Operating weight	890kg	1962lbs
Machine weight	700kg	1543lbs
Swing speed	8.7min ⁻¹	8.7rpm
Travel speed (Low)	1.7km/h	1.1mph
Travel speed (High)	3.5km/h	2.2mph
Gradeability	30°	
Ground pressure	26.2kPa	3.8psi
Max. bucket digging force	10.5kN	2360lbs
●Engine		
Model	YANMAR 2TNV70	
Rated output	7.3kW/2400min ⁻¹ (9.9PS/2400rpm)	9.8HP/2400rpm
Fuel tank capacity	8.5L	2.2gal
●Boom swing system		
Type	Boom offset with hydraulic cylinder	
Swing angle	50°/90°	
●Hydraulic system		
Pressure	16.2MPa	2350psi
Hydraulic oil flow	11.1L/minx2	2.9gpmx2
●Dozer blade		
Size(Width x Height)	700mm-950mmx240mm	27.6"-37.4" x 8.7"
Lift above ground	220mm/150mm	8.7"
Drop below ground	150mm	5.9"

Options

Long arm STD.bucket capacity/width(ISO)	0.017m ³ /320mm	0.6ft ³ /12.6"
Digging bucket capacity/width(ISO)	0.011m ³ /220mm	0.4ft ³ /8.7"
Detachable dozer blade		○
Long arm length	STD+200mm	STD+7.9"
Roll bar		○
Power port/Auxiliary hydraulic flow(Theoretical)	22.2L/min	5.9gpm
Hydraulic breaker		○



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