

50VX Mini Excavator



Outstanding performance

Efficient load sensing hydraulic system

Eco-Friendliness and Safety

- Engine compliant with gas emission for EC Stage IIIA and EPA Tier 4.
- Conforms to EC low noise regulations.
- 4 post canopy (ROPS/TOPS) fitted as standard.
- Swing parking brake fitted as standard.
- One-pump load sensing hydraulic system reduces fuel usage.

Easy Operation

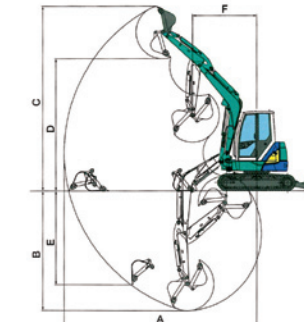
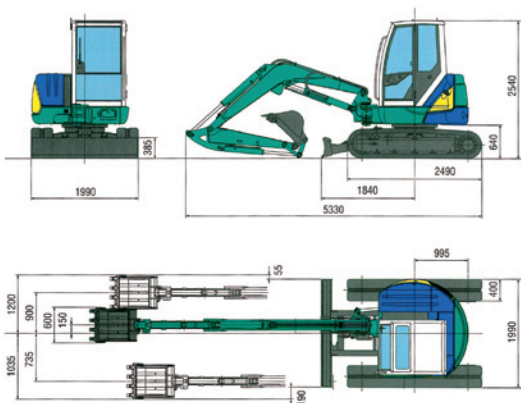
- Minimal boom drift.
- Achieves maximum operation space in its class.
- New one-pump load sensing hydraulic system.
- Travel speed selector switches in two locations.
- Folding travel pedal fitted as standard.

Easy Maintenance

- Sintered metal bushes extend greasing intervals.
- Aluminium radiator and oil cooler for resistance to rusting.
- Segmented boom cylinder hoses for easier replacement.
- Fully opening engine cover for easy maintenance.
- Angled crawler frame prevents build-up of soil.

Rugged Body

- Embedded boom lamp to prevent damage.
- Rugged engine cover and side cover fabricated from steel.
- Bucket cylinder hoses located inside arm, guarding against damage.
- High durability rubber "Tough Track".



	Cabin or 4post	2post
A. Max. digging radius	5950 (6260)	5950 (6260)
B. Max. digging depth	3650 (3900)	3650 (3900)
C. Max. digging height	5650 (5940)	5650 (5940)
D. Max. clearing height	4000 (4250)	4000 (4250)
E. Max. vertical digging depth	2800 (3220)	2800 (3220)
F. Min. front tarring radius	2240 (2350)	2240 (2350)
	1930 (1930)	1930 (1930)

At right boom swing
 ■ Cabin - ROPS/TOPS Cabin
 ■ 4Post - ROPS/TOPS Canopy
 ■ 2Post - 2Post Canopy
 ■ () - Figures for long arm

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COMPACT EXCAVATORS



New environmentally friendly engine

Clean engine compliant with gas emissions for EC Stage IIIA and EPA interim Tier 4.



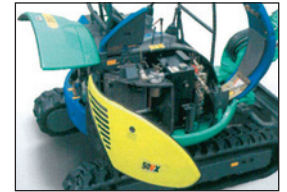
Closer distance between bucket and dozer blade

By optimizing attachment geometry, digging performance near the dozer blade has been improved.



Equipped with high durability "Tough Track"

Extended durability through the use of improved rubber material and spiral pattern rust-resistant steel cord.



Full opening cover

Engine cover and right hand side cover can be fully opened quickly and easily.

50VX Specifications

Model	50VX
Performance	
Bucket capacity	0.14 m ³
Bucket width	600 mm
Operating weight: 4 post	4885 kg (4725 kg with cab)
Transportation weight: 4 post	4810 kg (4650 kg with cab)
Swing speed	0.9 rev/min
Travel speed (low/high)	2.6/4.8 km/h
Gradeability	58% (30°)
Ground pressure	27 kPa (0.28 kgf/cm ²)
Max. bucket digging force	35.0 kN (3570 kgf)
Engine	
Model	YANMAR 4TNV88
Rated output	27.3 kW (37.1 hp) / 2300 rpm
Fuel tank capacity	65 L
Boom swing system	
Type	Boom offset with hydraulic cylinder
Swing angle (L / R)	50° / 87°
Hydraulic system	
Pressure	24.5 MPa (250 kgf/cm ²)
Pump hydraulic flow	124 L/min
Dozer blade	
Size	1990 mm x 385 mm
Lift above ground / Drop below ground	420 mm / 430 mm
Options	
• Long-arm (standard + 300 mm) • Steel shoe (400 mm) • Vertical exhaust tail pipe • Auxiliary hydraulic piping (65 L/min) • 2 post canopy • Steel cabin • Additional counterweight (290 kg) • Rubber pad for steel shoe • Air con • Radiator front grille	
Bucket	
0.08m ³ digging bucket (400 mm width) 0.11m ³ long arm bucket (500 mm width) 0.16m ³ loading bucket (650 mm width)	

Note: Due to a policy of constant innovation, specifications may be subject to change.



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