

25VX³

Durability

■ Highly durable blades made even stronger

The box-shaped blade's upper structure and lip extension enhance further durability.
* See Page 27 for details.



■ Embedded boom center working lights



■ Bucket cylinder hose built inside the arm



■ New castle-nut design reduces horizontal tolerance



The arm-end and boom-arm joint are fixed with castle nuts. The reduction of horizontal tolerance is achieved.

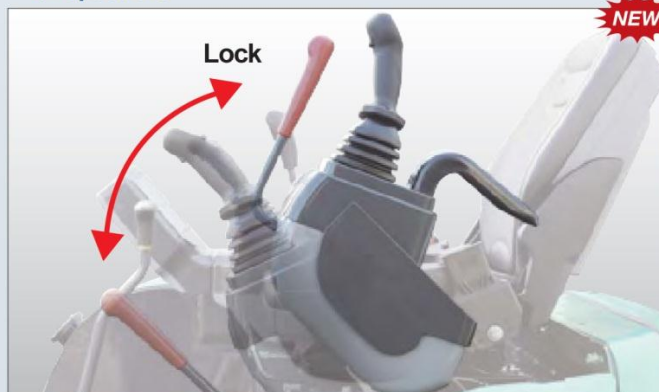
* See Page 27 for details.

■ Durable, anti-corrosive aluminum radiator

■ Rugged steel-pressed engine cover

Safety

■ Gate lock system as standard equipment is designed to block up all operations



The master gate lock system enables you to block up all functions such as boom, arm, bucket, swing, boom swing, travel and blade.

■ 4-Post canopy (ROPS) as standard equipment



■ Neutral engine start system

The engine can start when the gate-lock is pulled up to avoid mis-operations.

■ Swing motor with auto parking brake

Featuring swing motor with an auto parking brake, the machine can be swung and locked at any position within a 360° circumference.

Compact, but durable to perform hard works.



Assurance that IHI excavators are environment-conscious.

Operability

Newly designed operator's space

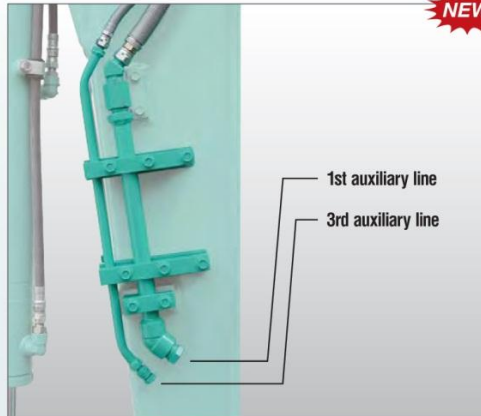


NEW

The new cockpit ensures safe and comfortable operations.

* See Page 26 for details.

Additional auxiliary hydraulic lines (optional)



NEW

1st auxiliary line

3rd auxiliary line

In addition to the conventional auxiliary hydraulic line, one more line is now available for versatile hydraulic attachments, enabling you to handle a wider range of hydraulic attachments.

* See Page 27 for details.

Close distance between bucket and blade



20VX3



25VX3

Close proximity of the bucket and dozer blade makes skimming and excavation work easier.

Large-size blade makes ground-leveling work easier

Easy Maintenance

Segmented blade cylinder hose design makes replacement easier



NEW

Segmented boom cylinder hose design makes replacement easier



Easy accessible tool box



Wide, fully opening engine-cover enables ease of maintenance



Filters are conveniently located, making it easy to replace them

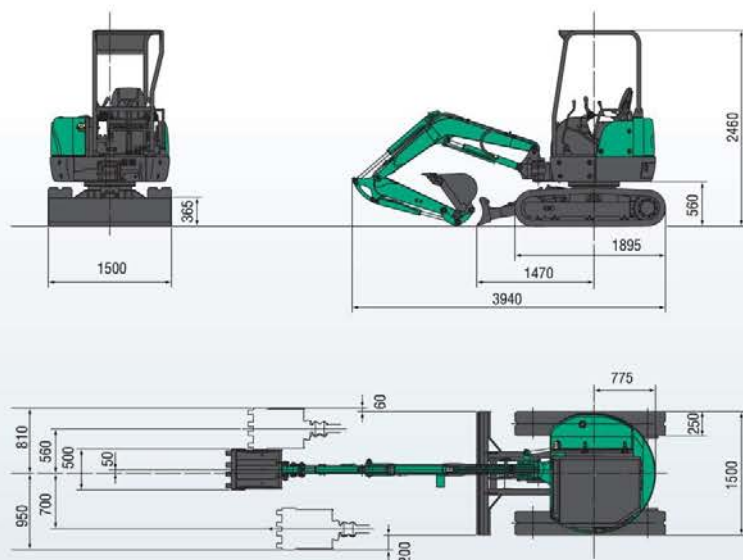
Sintered bushes create longer interval for greasing

25VX³ Mini Excavator

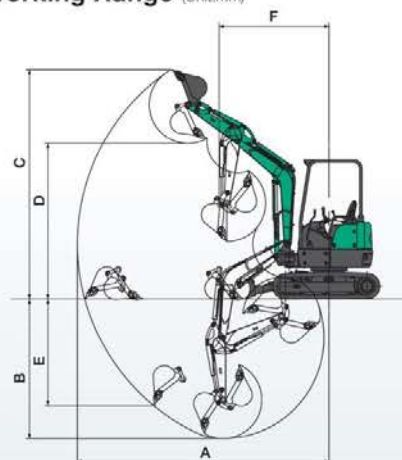
Standard Bucket Capacity : ISO 0.08m³



■ Dimensions (Unit:mm)



■ Working Range (Unit:mm)



	4-Post or Cabin	2-Post canopy
A Max. digging radius	4500 (4750)	4500 (4750)
B Max. digging depth	2520 (2820)	2520 (2820)
C Max. digging height	4050 (4280)	4560 (4830)
D Max. dumping height	2750 (2970)	3200 (3470)
E Max. vertical digging depth	1950 (2220)	1950 (2220)
F Min. front turning radius	1940 (2040)	1640 (1830)
At right boom swing	1510 (1600)	1260 (1410)

※ () : Figures for long arm

■ 25VX3 Specifications

Performance		Boom swing system	
Bucket capacity	0.08m ³	Type	Boom offset with hydraulic cylinder
Bucket width	500mm	Swing angle (L/R)	90°/50°
Operating weight: 4-Post(Cabin)	2555kg (2655kg)	Hydraulic system	
Transportation weight: 4-Post(Cabin)	2480kg (2580kg)	Pressure	20.6MPa (210kgf/cm ²), 18.1MPa (185kgf/cm ²)
Swing speed	10min ⁻¹	Pump hydraulic flow	29.9L/min×2+19.8L/min
Travel speed (low/high)	2.3/4.5km/h	Dozer blade	
Gradeability	58% (30°)	Size	1550mm×365mm
Ground pressure	27kPa (0.28kgf/cm ²)	Lift above ground / Drop below ground	370mm/390mm
Max bucket digging force	19.6kN (2000kgf)	Max auxiliary flow	
Engine		1st line	48L/min
Model	YANMAR 3TNV76		
Rated output	13.5kW/2300min ⁻¹ (18.4PS/2300 rpm)		
Fuel tank capacity	35L		

■ Options

Bucket * without side cutter

- *0.04m³/Digging bucket (250mm width)
- *0.05m³/Digging bucket (320mm width)
- 0.06m³/Long arm bucket (400mm width)
- 0.07m³/Digging bucket (450mm width)
- 0.09m³/Loading bucket (550mm width)

- 1st auxiliary piping } ... ①
- 3rd auxiliary piping }
- 2-Post canopy ②
- Steel cabin ③
- Rubber pad for steel shoe
- Long arm (standard +300mm)
- Steel shoe (300mm)



①



②



③