

30VX³

Durability



NEW

■ Warranted, highly durable rubber shoe comes as standard equipment

Like no others in the industry, the rubber shoe is warranted for either 2 years or 1,500 hours against steel cord cut-off.

* See Page 27 for details.

■ Highly durable blades made even stronger



NEW

NEW

■ Embedded boom center working lights



■ Bucket cylinder hose built inside the arm



* See Page 27 for details.

■ New castle-nut design reduces horizontal tolerance



NEW

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

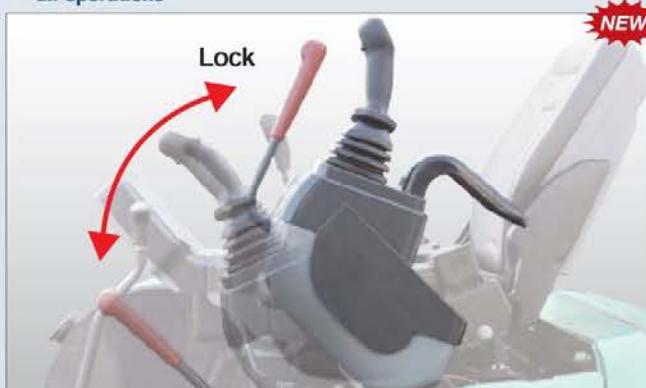
* See Page 27 for details.

- Durable, anti-corrosive aluminum radiator
- Rugged steel-pressed engine cover



Safety

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



NEW

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 swiped and locked at any position within a 360° circumference.

Extreme operator-friendliness and shaped hardiness.



Assurance that IHI excavators are environment-conscious.

Operability

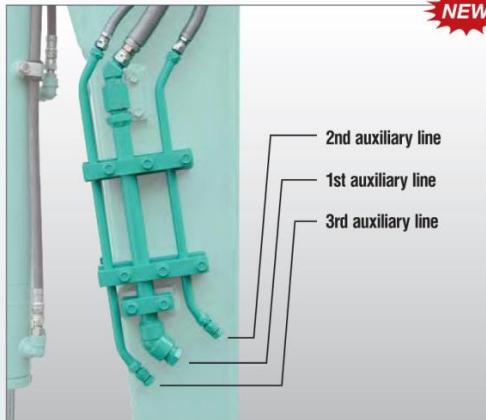
■ Newly designed operator's space



The new cockpit ensures safe and comfortable operations.

* See Page 26 for details.

■ Additional auxiliary hydraulic lines (optional)



In addition to the conventional auxiliary hydraulic line, two more lines are 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



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



■ Segmented boom cylinder hose design makes replacement easier



■ Easy accessible tool box



■ Angled crawler frame



The angled crawler frame not only prevents dirt build-up but also simplifies cleaning and maintenance.

- 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
- Corrosion-free, resin fuel-tank



30KV3 Mini Excavator

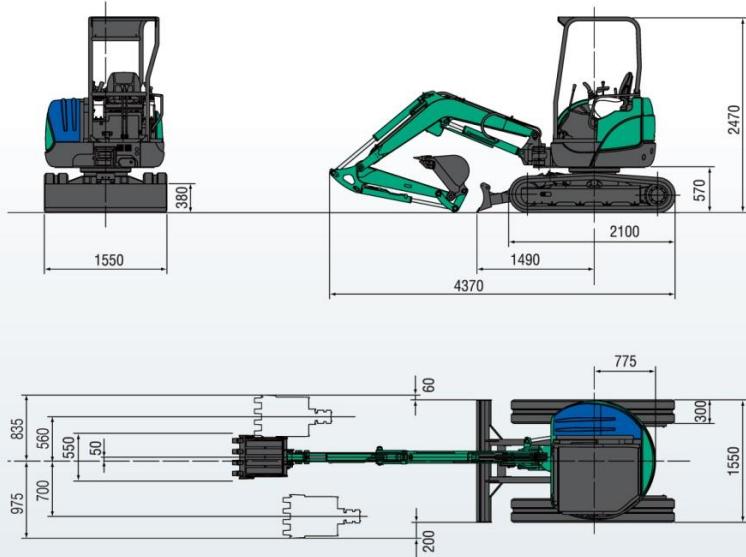
Standard Bucket Capacity : ISO 0.09m³



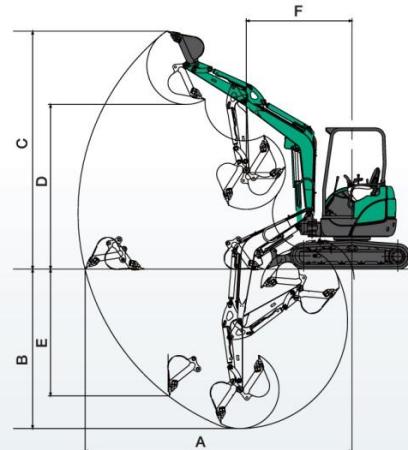
Standard Bucket Capacity : ISO 0.09m³



■ Dimensions (Unit:mm)



■ Working Range (Unit:mm)



	4-Post or Cabin	2-Post canopy
A Max. digging radius	4800 (5080)	4800 (5080)
B Max. digging depth	2900 (3200)	2900 (3200)
C Max. digging height	4170 (4320)	4840 (5070)
D Max. dumping height	2880 (3040)	3480 (3700)
E Max. vertical digging depth	2300 (2570)	2300 (2570)
F Min. front turning radius	2200 (2200)	1700 (1820)
At right boom swing	1730 (1730)	1340 (1410)

*(): Figures for long arm

■ 30VX3 Specifications

Performance		Boom swing system	
Bucket capacity	0.09m ³	Type	Boom offset with hydraulic cylinder
Bucket width	550mm	Swing angle (L/R)	90°/50°
Operating weight: 4-Post(Cabin)	3075kg (3175kg)	Hydraulic system	
Transportation weight: 4-Post(Cabin)	3000kg (3100kg)	Pressure	21.6MPa (220kgf/cm ²) ,20.6MPa (210kgf/cm ²)
Swing speed	9.2min ⁻¹	Pump hydraulic flow	34.1L/min×2+19.8L/min
Travel speed (low/high)	2.5/4.8km/h	Dozer blade	
Gradeability	58% (30°)	Size	1550mm×380mm
Ground pressure	28kPa (0.28kgf/cm ²)	Lift above ground / Drop below ground	360mm/410mm
Max bucket digging force	26.5kN (2700kgf)		
Engine		Max auxiliary flow	
Model	YANMAR 3TNV84	1st line	54L/min
Rated output	17.8kW/2200min ⁻¹ (24.2PS/2200rpm)	2nd line	19L/min
Fuel tank capacity	40L		

■ Options

Bucket

- 0.04m^3 /Digging bucket (250mm width)
- 0.05m^3 /Digging bucket (320mm width)
- 0.06m^3 /Digging bucket (400mm width)
- 0.07m^3 /Long arm bucket (450mm width)
- 0.08m^3 /Digging bucket (500mm width)
- 0.10m^3 /Loading bucket (600mm width)
- 1st auxiliary piping
- 2nd auxiliary piping
- 3rd auxiliary piping
- 2-Post canopy
- Steel cabin
- Long arm (standard +300mm)

- Steel shoe (300mm)
- Additional counterweight (200kg)
- Rubber pad for steel shoe

