

## 30VX<sup>3</sup>



### 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.

- 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.

- Highly durable blades made even stronger



\* See Page 27 for details.

- Embedded boom center working lights



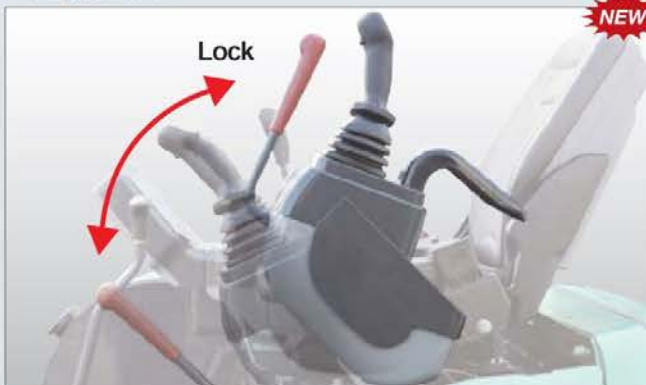
- Bucket cylinder hose built inside the arm



- 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 swung and locked at any position within a 360° circumference.

# Extreme operator-friendliness and shaped hardness.



Assurance that IHI excavators are environment-conscious.

## Operability

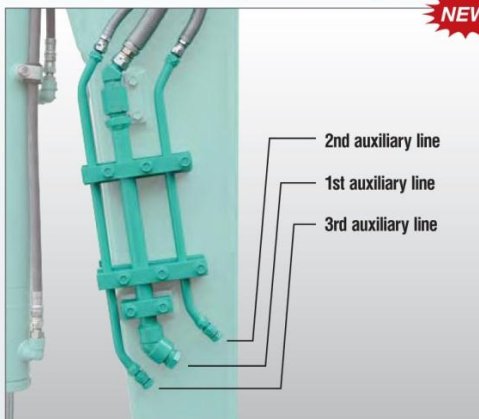
### Newly designed operator's space



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

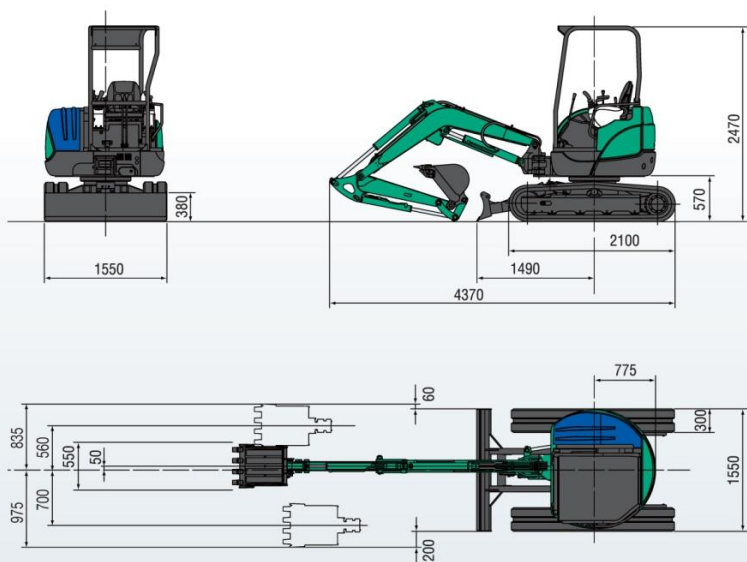


# 30VX<sup>3</sup> Mini Excavator

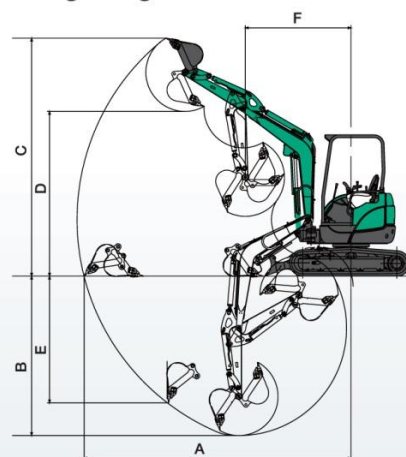
Standard Bucket Capacity : ISO 0.09m<sup>3</sup>



## ■ 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 <sup>3</sup>	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 <sup>2</sup> ), 20.6MPa (210kgf/cm <sup>2</sup> )
Swing speed	9.2min <sup>-1</sup>	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 <sup>2</sup> )	Lift above ground / Drop below ground	360mm/410mm
Max bucket digging force	26.5kN (2700kgf)	Max auxiliary flow	
Engine		1st line	54L/min
Model	YANMAR 3TNV84	2nd line	19L/min
Rated output	17.8kW/2200min <sup>-1</sup> (24.2PS/2200rpm)		
Fuel tank capacity	40L		

## ■ Options

### Bucket

- \*0.04m<sup>3</sup>/Digging bucket (250mm width)
- \*0.05m<sup>3</sup>/Digging bucket (320mm width)
- 0.06m<sup>3</sup>/Digging bucket (400mm width)
- 0.07m<sup>3</sup>/Long arm bucket (450mm width)
- 0.08m<sup>3</sup>/Digging bucket (500mm width)
- 0.10m<sup>3</sup>/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

