



Durability

■ Highly durable blades made even stronger

The box-shaped blade's upper structure and lip extension enhance farther durability.

* See Page 27 for details.

NEW



■ 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.

■ Embedded boom center working lights

NEW



■ Bucket cylinder hose built inside the arm

NEW

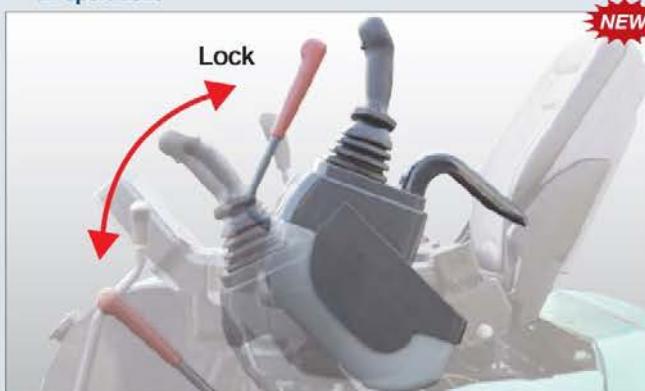


■ Durable, anti-corrosive aluminum radiator

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.

■ Steel cabin comes as standard equipment

NEW



■ 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.

The midi-class machines in the utmost comprehensive technology.



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

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.

■ Engine throttle turn-dial



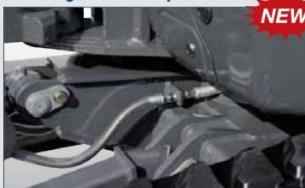
NEW

■ Close distance between bucket and blade

■ 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



■ Wide, fully opening engine-cover enables ease of maintenance



65VX



80VX

- Filters are conveniently located, making it easy to replace them
- Sintered bushes create longer interval for greasing

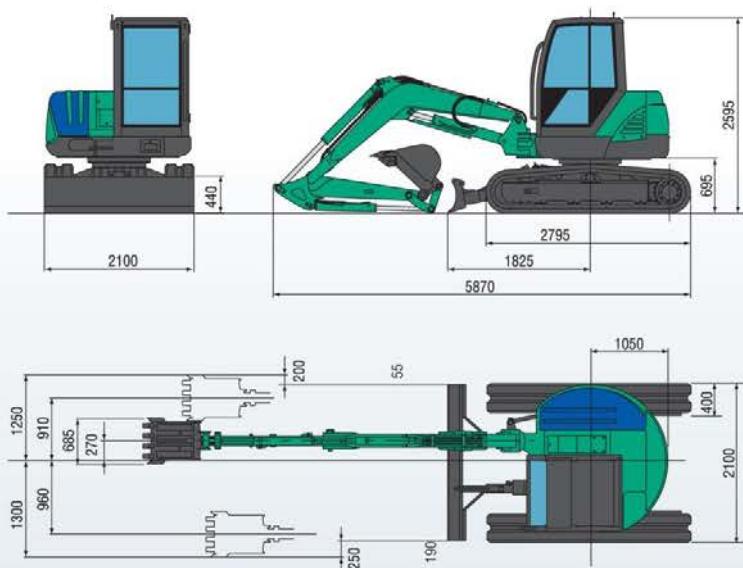
65VX³

Midi Excavator

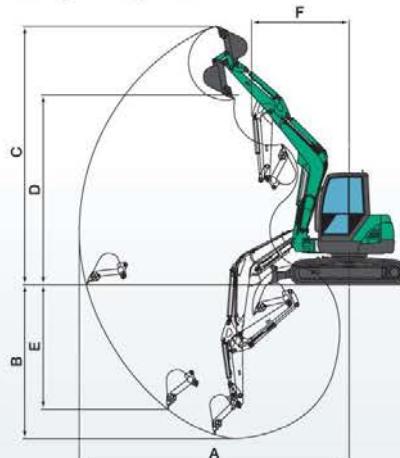
Standard Bucket Capacity : ISO 0.20m³



■ Dimensions (Unit:mm)



■ Working Range (Unit:mm)



Cabin or 4-Post	
A	Max. digging radius 6490 (6785)
B	Max. digging depth 3915 (4215)
C	Max. digging height 6045 (6280)
D	Max. dumping height 4180 (4410)
E	Max. vertical digging depth 2990 (3355)
F	Min. front turning radius 2560 (2545)
At right boom swing	2130 (2120)

※ (): Figures for long arm

■ 65VX3 Specifications

Performance		Boom swing system	
Bucket capacity	0.20m ³	Type	Boom offset with hydraulic cylinder
Bucket width	685mm	Swing angle (L/R)	50°/90°
Operating weight: Cabin	6080kg	Hydraulic system	
Transportation weight: Cabin	6005kg	Pressure	24.5MPa (250kgf/cm ²)
Swing speed	9.5min ⁻¹	Pump hydraulic flow	150L/min
Travel speed (low/high)	2.6/5.1km/h	Dozer blade	
Gradeability	58% (30°)	Size	2100mm×440mm
Ground pressure	30.2kPa (0.31kgf/cm ²)	Lift above ground / Drop below ground	375mm/435mm
Max bucket digging force	41.4kN(4220kgf)	Max auxiliary flow	
Engine		1st line	90L/min
Model	YANMAR 4TNV98	2nd line	36L/min
Rated output	41kW/2400min ⁻¹ (55.7PS/2400rpm)		
Fuel tank capacity	85L		

■ Options

Bucket

- 0.11m³/Digging bucket (450mm width)
- 0.16m³/Digging bucket (550mm width)
- 0.21m³/Long arm bucket (650mm width)
- 0.28m³/Loading bucket (760mm width)

1st auxiliary piping

- 2nd auxiliary piping

3rd auxiliary piping

- Additional counterweight (290kg) ②
- Steel shoe (400mm) ③
- Long arm (standard +300mm)
- Rubber pad for steel shoe

Air conditioner

- Vertical exhaust tail pipe

Tops canopy (4-Post)

- Automatic decelerator

