



## **50Z3**

**Compact Excavators Zero tail < 6 t**

### **Zero tail swing for excellent maneuverability: 50Z3**

This compact excavator combines the performance of a conventional track excavator with the excellent maneuverability of a zero tail swing machine. When revolved, the tail of the 50Z3 does not project over the width of the tracks. Unit also offers excellent service accessibility with the tilting operator platform, plus the comfortable and ergonomically designed operating environment improves productivity. This excavator is available in a canopy or full cab version, each with a choice of short and longer dipperstick. Cab models feature standard air conditioning. Powered by the economical Yanmar 4-cylinder diesel engine, the 50Z3 offers rubber tracks, dozer blade, boom mounted working light and control pattern change system.

- Zero tail for working in confined spaces
- Large operator station for easy access and operator comfort.
- Optional Vertical Digging System (VDS): It enables progressive tilting of the superstructure by up to 15° to compensate for slopes up to 27%.
- Unit equipped with pattern control selector valve for versatility and ease of use.
- Tilttable cabin for easy accessibility to all maintenance components.

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## Technical specifications

### Operating data

Shipping weight min.	10,814 lb
Operating weight min.	11,640 lb
Biting force max.	6,229 lbf
Breakaway force max.	8,556 lbf
Digging depth	138 in
Dumping height max.	145 in
Digging radius	236 in
L x W x H	217 x 78 x 101 in

### Engine / Motor

Engine / Motor manufacturer	Yanmar
Engine / Motor type	4TNV88
Engine / Motor	Water-cooled 4-cylinder diesel engine EPA III
Displacement	134 in <sup>3</sup>
RPM / speed	2,400 rpm
Engine performance acc. to ISO	38.2 hp
Battery	88 Ah
Tank capacity	88 US qt

### Hydraulic system

Duty pump	Double variable- & two-gear pump
Flow rate	44 US gpm
Operating pressure for working and traction hydraulics	3,481 psi
Operating pressure Slewing gear	3,118 psi
Hydraulic oil tank	85 US qt

### Wheel set

Travel speed max.	2.9 mph
Gradeability	58 %
Chain width	15.7 in



Ground clearance	12 in
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#### Dozer Blade

Width	78 in
Height	15 in
Stroke Above ground	16.3 in
Stroke Below ground	17.9 in

#### Sound level

Sound level (LwA) acc. to 2000/14/EC	96 dB(A)
Cabin - specified sound pressure level LpA acc. to ISO 6394	77 dB(A)

#### **Information on suitable accessories can be found on our website.**

The right to make changes is reserved in the interests of ongoing further developments. You can find more information on the engine power in the operator's manual. The actual power output figures may vary due to specific operating conditions.

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