



YANMAR



MINI EXCAVATOR

ViO27

Truly exceptional performance and stability are what mark out the ViO27-6 as special, due to features such as its highly advanced engine, excellent weight distribution and zero tail status. It also offers superb precision, which is down to ergonomic controls and the ViPPS hydraulic system. Operator comfort and protection are also notable pluses, thanks to Yanmar Full Protect and thoughtful cabin design, while SmartAssist Remote is a further welcome boost to productivity.

- ZERO TAIL SWING
- UNCOMPROMISED PERFORMANCE
- ELECTRONICALLY CONTROLLED MOTOR
- EASY OPERATION & EXTRA COMFORT
- YANMAR FULL PROTECT





TECHNICAL SPECIFICATIONS

[WEIGHT +/-2% (EN STANDARDS)]

	Weight		Ground pressure
	ViO27-6	ViO27-6 LW	
Operating weight (Canopy/Cabin)	2 665 / 2 770 kg	2 560 / 2 665 kg	0,300 / 0,310 kgf/cm ²
Transport weight (Canopy/Cabin)	2 590 / 2 695 kg	2 485 / 2 590 kg	0,290 / 0,300 kgf/cm ²
With steel tracks		+ 110 kg	-
With additional counterweight		+ 90 kg	-

[ENGINE & HYDRAULIC SYSTEM]

Type	Yanmar Diesel 3TNV76-NBVA1
Net Power	15,2 kW at 2500 rpm
Gross Power	15,8 kW at 2500 rpm
Maximum pressure	210 bar
1 double variable displacement piston pump	2 x 30 l/min
1 gear pump	21,3 l/min
1 gear pump for pilot line	11,3 l/min

[PERFORMANCE]

Travel speed	2,8 / 4,5 km/h
Digging force (short arm/long arm)	14,4 kN / 12,7 kN
Digging force (bucket)	23,1 kN
Noise level	LwA: 93 dBA/LpA: 83 dBA

DIMENSIONS

Overall length	4110 / 4120 * mm	Max. digging depth – Blade lowered	2690 / 2940* mm
Overall length with blade at the back	4490 / 4500 * mm	Max. digging reach	4460 / 4700* mm
Overall height	2530 mm	Max. dumping height	2830 / 2990* mm
Overall width	1500 mm	Boom swinging (base to left/right)	47°/74°
Length of track on ground	1590 mm	Arm length	1150 / 1400* mm
Blade distance	1380 mm	Rear turning radius	750 mm
Minimum ground clearance	320 mm	Rear turning radius with add. counterweight	825 mm

*With long arm

Yanmar Compact Equipment EMEA

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