

9VXE

WHERE OTHERS CANNOT REACH

Power and speed of digging are assured when working in confined spaces: in small restructuring work, in operations of digging and maintenance of sewerage systems, also in tunnels where larger machines cannot operate, but also in the gardening and nursery sector.





COMPACT SIZE

Front turning radius with swing: 950 mm.
Machine width in narrow configuration: 700 mm.

TWO TRAVELLING SPEEDS

The two travelling speeds (1.7/3.5 km/h) enable efficient travelling and maximum manoeuvrability during operations on site along with fast driving. The pedal of the second speed is easy to use.

A YANMAR 7.3 KW DIESEL ENGINE

The YANMAR TNV series engine and the hydraulic circuit that uses two gear pumps assure a high operating speed and simultaneous movements. The engine with a low speed of rotation, enables the utmost efficiency with low consumption and limits polluting emissions according to the antipollution requirements of EPA Tier 4. The exploitation index is reduced to improve durability and reliability over time.

Slewing motor

Despite the machine's small size, the slewing motor is equipped with an automatic brake to lock the turret in any position.



Zero-tail: to adapt to every situation

Thanks to its extremely short rear turning radius of 485 mm, while slewing the chassis frame turns within the clearance of the tracks with the carriage extended and allows greater safety both for the machine and for the operator. If the carriage is closed access into confined spaces is facilitated. The auxiliary system version is available as an optional for the hydraulic breaker and other attachments.



CHECKING AND MAINTENANCE

The fully opening engine bonnet provides an easy view of most of the engine and allows easy accessibility to the various components for operations of inspection and maintenance. The battery has reduced maintenance. The resin tank has been designed to avoid damage from rust and the aluminium radiator ensures a greater exchange of heat and high resistance to corrosion. The high capacity air filter increases the length of time between maintenance.



ROLLERS

Rollers with a double, outer side, support reduce wear on the tracks, improve load distribution and increase operational stability.



WORK OUTFIT

The remarkable geometry of the arm movement and the minimal distance between bucket and dozer blade enable performing excavation operations even close to the dozer blade. The lifting cylinder is supported by a safety plate and all the feed pipes of the cylinders of the bucket and swing mechanism are well protected. The auxiliary hydraulic circuit with the system is combined for using many hydraulic attachments.



COMFORT AND SAFETY

Designed around the operator, the driving position is comfortable thanks to the adjustable seat and ergonomic controls. The driving seat can be accessed from both sides. The 9VXE is equipped with DCS Direct Control System controls that assure maximum precision. The control pedals of the auxiliary circuit and swing are separate. Both pedals can be folded back thereby increasing the space at the operator's feet. The control monitor is easy to read. A safety device checks access to the driving seat, if the lever is lifted it prevents movements of the arm. A front bar assures the operator a safe and protected driving seat; at the rear the machine is well protected by a cast bumper.

Variable gauge undercarriage

Thanks to its extensible frame (700 - 950 mm) the 9VXE ensures high versatility. Access is permitted into really limited spaces and extending the carriage in very few seconds provides a high safety level and considerable operational stability.



RETRACTABLE DOZER BLADE EXTENSION

The blade width can be easily adjusted, offering the flexibility to fix the job. Adjustment is simple and easy with two fastening pins.

TECHNICAL DATA

Engine	Yanmar 2TNV70
N° cylinders / displacement	2 / 570 cc
Rated power	7.3 kW / 2400 rpm
Machine weight with rubber shoe	890 kg (no canopy)
Operating weight	965 kg (no canopy)
Max. digging depth	1570 / 1770 mm (with long arm)
Front turning radius	1220 / 1320 mm (with long arm)
Bucket digging force	1090 kgf
Standard bucket width	370 mm
Standard bucket capacity	0.022 m ³