MEKWEL

MT12 Compact Track Loader

MT12

POWERFUL & DURABLE





61.3 kW

Rated power

4850 kg

Operating weight

0.6 m³

Bucket capacity

MEKWEL

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ABOUT MT12

The MT12 compact track loader combines a 61.3 kW Yanmar engine with a 4850 kg operating weight and a 1250 kg rated load. A tracked undercarriage, electro-hydraulic proportional control and a 0.6 m³ heaped bucket support loading, earthmoving and material handling.

POWERFUL & DURABLE



Application scenarios

- Palletized goods (with forks)
- Orchard & agricultural work
- Small earthmoving & rural self-built houses
- Material, agricultural stacking
- Landscaping & private gardens
- Soil and waste transfer



Compact proportions. Confident handling.

A track width of 2045 mm and a cab height of 2100 mm define the MT12 footprint. Overall length is 3786 mm, including the bucket.

A 1640 mm wheelbase, 1595 mm track gauge and 216 mm ground clearance define the tracked chassis.

Turning radii are 1468 mm over tracks and 2293 mm over the bucket. Low and maximum travel speeds are 8 and 14 km/h.



Efficient Power & Proportional Control

The Yanmar power unit is rated at 61.3 kW at 2500 rpm, with 3.319 L displacement and maximum torque of 293.5 N·m at 1625 rpm. The specification lists China Stage III emissions.

Electro-hydraulic proportional control brings the loading and travel functions into one operating platform. Two speed ranges support work-site movement.

Power & Versatility

A maximum breakout force of 31 kN and maximum traction force of 42 kN support loading, pushing and material handling.

Hydraulic flow is rated at 95 L/min, with a maximum flow of 142.5 L/min. System pressure is 230 bar.

Hydraulic connections

Front-mounted couplings are positioned beside the cab and lift-arm assembly.



PERFORMANCE & BEAUTY





PERFORMANCE MEETS BEAUTY

Traffic-white body panels, graphite-black working structures and a glazed cab define the MT12 profile. Its tracked chassis, lift-arm assembly and front hydraulic connections bring the machine’s working components into a clean, purposeful design.



1250 kg

Rated load

3571 kg

Tipping load

0.6 m³

Bucket capacity (heaped)



61.3 kW

Yanmar power system

The MT12 uses a Yanmar engine with 3.319 L displacement and 61.3 kW rated output at 2500 rpm. Maximum torque reaches 293.5 N·m at 1625 rpm.

The rear service compartment reveals the power unit, hoses and filter arrangement. A cooling core and fan assembly are mounted on the rear door, bringing the installed system into clear view.



Forward visibility

The large front glazing and side windows provide sightlines around the working area.

Work lights

Roof-mounted lights and exterior mirrors are integrated into the upper cab structure.

Proportional control

The specified operating mode is electro-hydraulic proportional control for machine functions.

Power system parameters

Manufacturer	Yanmar
Rated power	61.3 kW @ 2500 rpm
Displacement	3.319 L
Maximum torque	293.5 N·m @ 1625 rpm
Emission stage	China Stage III
Cooling pattern	Hydrocooler
Diesel tank capacity	100 L
Electrical system	12 V / 95 Ah



Hydraulic connections

The hydraulic couplings sit beside the cab. Flow ratings are 95 L/min standard and 142.5 L/min maximum.

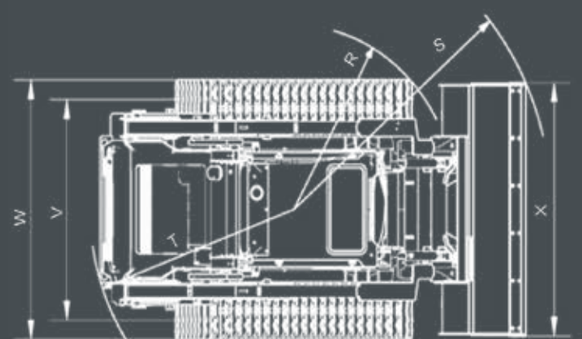


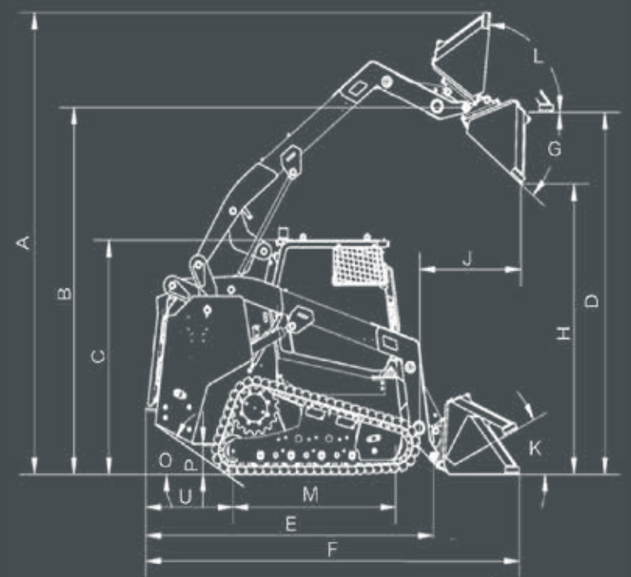
Cooling & service access

The open rear door exposes the cooling assembly, while the engine bay provides access to filters and hose connections.

MT12

DETAILED PARAMETERS





Power & Systems

Manufacturer	Yanmar
Rated power	61.3 kW @ 2500 rpm
Emission stage	China Stage III
Displacement	3.319 L
Max. torque	293.5 N·m @ 1625 rpm
Cooling pattern	Hydrocooler
Hydraulic flow (standard)	95 L/min
Hydraulic flow (max.)	142.5 L/min
Hydraulic pressure	230 bar
Hydraulic oil tank capacity	50 L
Voltage	12 V
Battery capacity	95 Ah
Diesel tank capacity	100 L

Performance & Capacity

Operating weight	4850 kg
Bucket capacity (heaped)	0.6 m³
Bucket capacity (flat)	0.47 m³
Rated load	1250 kg
Max. breakout force	31 kN
Max. traction force	42 kN
Max. lifting force	2800 kg
Tipping load	3571 kg
Operation mode Electro-hydraulic proportional control	
Low gear speed	8 km/h
Max. speed	14 km/h
Total cycle time	11 s

Dimensions

A. Max. operating height	4160 mm
B. Height to hinge pin	3300 mm
C. Height to top of cab	2100 mm
D. Max. bucket leveling height	3135 mm
E. Overall length (without bucket)	2915 mm
F. Overall length	3786 mm
G. Dumping angle	40°
H. Max. dumping height	2615 mm
K. Rollback angle: on the ground	26°
L. Rack angle at full lift	84°
J. Dumping reach	1025 mm

M. Wheelbase	1640 mm
O. Departure angle	31°
P. Ground clearance	216 mm
R. Turning radius: over tracks	1468 mm
S. Turning radius: over bucket	2293 mm
T. Turning radius: rear machine	1806 mm
U. Length: rear	885 mm
V. Track gauge	1595 mm
W. Track width	2045 mm
X. Width over bucket	2000 mm