MEKWEL

MR08

Skid Steer Loader

MR08

POWERFUL & DURABLE





49.9 kW

Rated power

3210 kg

Operating weight

0.45 m³

Bucket capacity (high)

MEKWEL

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ABOUT
MR08

The MR08 skid steer loader combines 49.9 kW of rated power with a 955 kg rated load and a 0.45 m³ bucket (high). Its compact wheeled chassis is designed for loading and material handling in confined work areas.

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.

The glazed front door and side protection grids surround the operator station. The overall width over tyres is 1640 mm, and height to the top of the cab is 1960 mm.

Wheelbase is 1079 mm and ground clearance is 185 mm.

Front turning radius is 1212 mm without a bucket and 1952 mm with a bucket. Travel speed is 14 km/h.



Efficient Power & Hydraulic & Electronic Control

The Yanmar 4TNV98 engine produces 49.9 kW at 2400 rpm. Displacement is 3.319 L and maximum torque is 241 N·m.

Pilot hydraulic control and multi-functional electronic control are paired with a 955 kg rated load and a 1910 kg tipping load.

Power & Versatility

Maximum breakout force is 24 kN. Traction force reaches 25 kN.

Standard hydraulic flow is 79 L/min, with high flow of 120 L/min. System pressure is 210 bar and total cycle time is 10 seconds.

Lift hydraulics

The side detail shows the hydraulic cylinder and hose routing beside the lift arm.



PERFORMANCE & BEAUTY





PERFORMANCE MEETS BEAUTY

White body panels and graphite black lift arms frame the glazed cab. The four-wheel chassis and compact dimensions suit loading and earthmoving in confined spaces.



955 kg
Rated load

1910 kg
Tipping load

0.45 m³
Bucket capacity (high)



49.9 kW

Power system

The Yanmar 4TNV98 engine delivers 49.9 kW at 2400 rpm, with 3.319 L displacement and 241 N·m maximum torque.

The engine uses water cooling. The supplied rear service view shows the cooling core, filters and hose connections together in the open compartment.

Power system parameters

Engine manufacturer / model	**Yanmar 4TNV98**
Rated power	**49.9 kW**
Rated speed	**2400 rpm**
Displacement	**3.319 L**
Max. torque	**241 N·m**
Emission stage	**EU Stage V**
Cooling pattern	**Water cooling**
Hydraulic pressure	**210 bar**
Electrical system	**12 V / 93 Ah**



Cab structure

The glazed front and side protection grid surround the operator station.

Work lights

Front work lights are positioned above the glazed door.

Control system

Pilot hydraulic control works with multi-functional electronic control.



Wheels & chassis

Wheel track is 1370 mm. Width over tyres is 1640 mm.

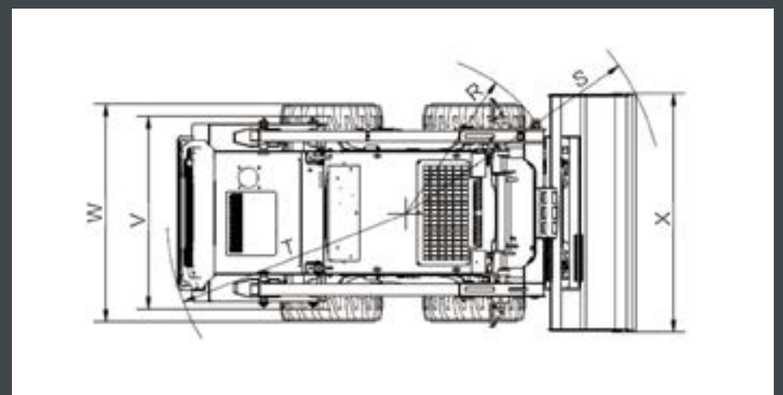


Rear service panel

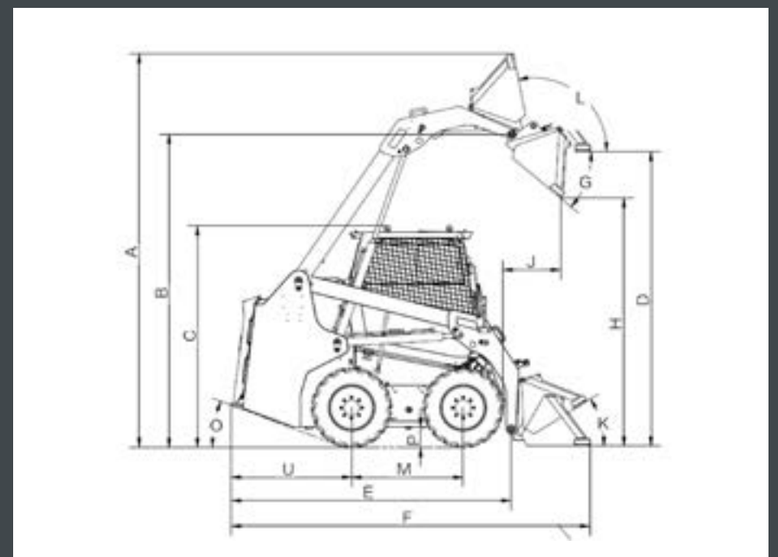
The rear panel combines a louvred grille with the rear light clusters.

MR08

DETAILED PARAMETERS



TOP VIEW



SIDE VIEW

Power & Systems

Engine manufacturer / model	**Yanmar 4TNV98**
Rated power	**49.9 kW**
Rated speed	**2400 rpm**
Emission stage	**EU Stage V**
Displacement	**3.319 L**
Max. torque	**241 N·m**
Cooling pattern	**Water cooling**
Standard hydraulic flow	**79 L/min**
High hydraulic flow	**120 L/min**
Hydraulic pressure	**210 bar**
Voltage	**12 V**
Battery capacity	**93 Ah**
Diesel tank capacity	**78 L**
Hydraulic oil tank capacity	**45 L**

Performance & Capacity

Rated load	**955 kg**
Tipping load	**1910 kg**
Operating weight	**3210 kg**
Max. breakout force	**24 kN**
Max. traction force	**25 kN**
Lifting capacity at max. reach	**1910 kg**
Operation mode	**Pilot hydraulic control & multi-functional electronic control**
Travel speed	**14 km/h**
Total cycle time	**10 s**
Bucket capacity (high)	**0.45 m³**

Dimensions

A. Max. operating height	**3800 mm**
B. Height to hinge pin	**3020 mm**
C. Height to top of cab	**1960 mm**
D. Level bucket clearance	**2865 mm**
E. Overall length without bucket	**2703 mm**
F. Overall length	**3410 mm**
G. Dumping angle	**40°**
H. Dumping height	**2400 mm**
K. Rollback angle on the ground	**32°**
L. Rack angle at full lift	**101°**
J. Dumping reach	**550 mm**

M. Wheelbase	**1079 mm**
O. Departure angle	**22°**
P. Ground clearance	**185 mm**
R. Front turning radius without bucket	**1212 mm**
S. Front turning radius with bucket	**1952 mm**
T. Rear turning radius	**1792 mm**
U. Rear overhang length	**1162 mm**
V. Wheel track	**1370 mm**
W. Width over tyres	**1640 mm**
X. Width over bucket	**1800 mm**