



TREEMME MM350B



TREEMME
MERLO GROUP

MM350B - FEATURES

ENGINE

Deutz 6 -cylinder turbo diesel intercooler common rail, 250 kW/335 hp, 2300 rpm, displacement 7.8 l, Tier III A, liquid-cooled, electronic rpm control, on silent blocks.
Air flow inversion for dust removal from the radiator grille.

TRANSMISSION

Hydrostatic, with variable displacement pump and motor, electronic control, two-speed gearbox with electro-hydraulic engagement control.

Two displacement systems:

- 1) Automotive road type. Combined variation of engine rpm and forward speed through accelerator pedal;
- 2) Work. Engine rpm control by hand accelerator and forward speed control by accelerator pedal or potentiometer on joystick.

Speed:

1st speed , 0-15 km/h forward reverse;

2nd speed, 0-40 km/h forward reverse.

In Work mode, 3rd speed 0-5 km/h available as standard.

STEERING

Four different steering modes:

- on front wheels;
- pivot steering;
- crab steering;
- on the rear wheels (OPT).

DRIVE

Permanent 4-wheel drive.

AXLES

Front and rear axles, DANA type, with reducers and built-in steering cylinders.

Stiff front axle, free oscillation rear axle. 4-wheel drive, with differential on both axles.

Full lock of the two electro-hydraulically controlled differentials.

SERVICE BRAKE

Wet discs, acting outside the differentials.

Foot pedal control, with double pump in the cab for dual circuit brake booster control.

PARKING BRAKE

Negative type, with hydraulic control, acting outside the differential of the front axle.

CHASSIS

High-resistance steel

TANKS

Hydraulic oil 280 l, with cooling.

Diesel 340 l.

Coolant 60 l.

Engine oil 18 l.

SERVICE HYDRAULIC SYSTEM

No. 1 "Load Sensing" pump for auxiliary controls. Operating pressure: 230 bar. Flow and return filters.

Handler and 3rd point boom on proportional control distributor.

Service lines on ON-OFF control distributor.

FRONT TOOLBOX TRANSMISSION

Hydraulic with closed loop variable displacement pump.

Maximum flow rate 500 l/min.

Maximum valve calibration pressure 420 bar.

CAB

FOPS ISO 3449, ROPS ISO 3471 type-approved structure, insulated, fitted on silent blocks.

360° panoramic visibility.

Joystick-type controls, with manipulator positioned on the right armrest of the seat. Anti-noise and anti-heat internal linings. Air conditioner. Heating and ventilation. Pneumatic seat, adjustable in height and longitudinally, equipped with safety belts and armrests. Anti-shatter windscreen, transparent side windows in anti-shatter polycarbonate. Built-in work lights (4 at the front and 4 at the back). External removable rear-view mirrors. Removable bayonet mount rotating beacon. Front wiper. Radio.

ELECTRIC SYSTEM

Voltage = 24 VDC - Batteries = no. 2 12VDC x 75 Ah (975 CCA minimum) - Generator = 80 A

STANDARD WHEELS

600/55-26,5 20PR 165A8 TRS2 FOREST KING NOKIAN

FRONT TOOLBOX

Hydraulically operated handler, selectable in D.A./S.A. function, rigid with category 3 articulated couplings,

Lifting force 4.200 kg.

No. 1 double acting proportional service line, no. 1 ON/OFF service line.

Lift height: 1.100 mm.

DEVICES AND ACCESSORIES ON REQUEST

Rear pull winch with towing force from 7.5 tonnes to 12.5 tonnes.

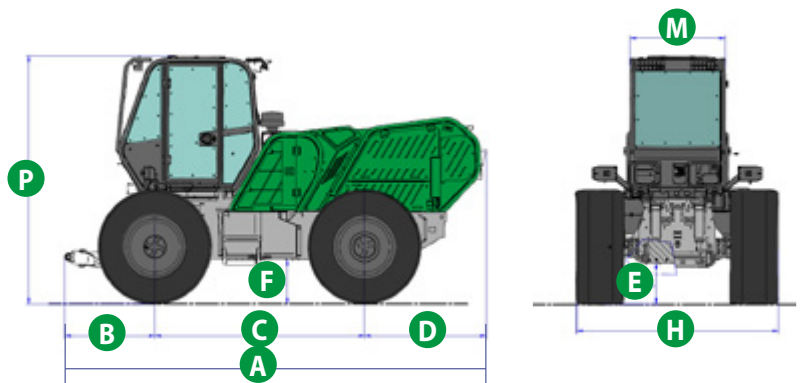
Rear-view camera.

UNLADEN WEIGHT

MM350B: 9.170 kg.

DIMENSIONS

	MM350B	
A (mm)	5650**	
B (mm)	1140	
C (mm)	2800	
D (mm)	1710	
E (mm)	478*	
F (mm)	518*	
H (mm)	2500*	
M (mm)	1200***	
P (mm)	3034*	



* dimensions E, F, H, P with 600/55-26,5 20PR 165A8 TRS2 FOREST KING NOKIAN wheels NOKIAN

** without winch

*** cabin exterior dimension



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