

Dumper

Regulatory area: EU

DM





Comfort: The ideal workplace



Cab

Access to the cab is simple and easy thanks to the 180° opening door, the suspension seat swivels through 180° and, together with the controls replicated at the rear, allows comfortable barrel-side driving, ensuring comfort of use during loading and laying.

Visibility

The machine has been designed with an innovative "Dual View" design to ensure maximum visibility in both driving directions, thereby facilitating all operational phases. This enhancement in visibility not only increases driving comfort but also improves safety during on-site operations, allowing the operator to work in the best possible conditions.

Efficiency: A real working yard



EPD

The exclusive EPD (Eco Power Drive) is a Merlo patented system for electronically controlling and regulating the engine and transmission, ensuring a reduction in consumption by up to 18%.

Performance: Agile and powerful



Hydraulic system

The machine hydraulic system is composed of a self-priming pump with 3-way diverter (drum, tank or washing lance). A hose allows supply from an external source and a lance is set up for washing the machine at the end of the shift.

Transmission

The four-wheel drive, together with the oscillating front axle, differential lock and high ground clearance, make the DBM the off-road mixer par excellence. In addition, it is possible to manage the steering with three different solutions: front wheels, pivot steering and crab steering.

Safety: Not just feelings



Rear Camera

To enhance comfort and safety during operational phases and maneuvers, the DM9 is equipped with a rear camera. A 7" color screen allows the operator to view images directly from the cabin, ensuring visibility in the machine's blind spots.

Frame

The body of the DM9 dumper is made of high-strength steel, ensuring durability and resistance. With a capacity of 9000 kg, it offers ample loading capacity. Its 180° rotation allows for lateral loading and unloading of materials. This increases versatility, improves safety and practicality on construction sites.

Bucket

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<p>1 - AXLES</p>	<p>With gantry structure and cascade gearboxes. Oscillating front and rear fixed to the chassis. This solution increases ground clearance, ensuring greater agility and better off-road capabilities.</p>
<p>2 - SELF-SUPPORTING</p>	<p>Self-supporting frame made of high-strength steel. At the front, on both sides, there are ladders. On the right side to provide accessibility to the cab, on the left side to facilitate accessibility to the engine bonnet facilitating maintenance operations.</p>
<p>3 - POWERTRAIN</p>	<p>Longitudinal engine layout, installed at the side of the cab in a central position to the chassis. This layout allows optimal balancing of the machine's weights. Deutz TCD 3.6 74.4 kW - 100 hp engine equipped with diesel prefilter with water separator. The complete opening of the bonnet facilitates inspections and maintenance, and there is also a raised platform, with handrails and handholds, to allow technicians to work on the engine more comfortably.</p>
<p>4 - CAB</p>	<p>Characterised by a width of 920 mm to ensure comfort for all customers. The front glass (windscreen) can be opened to increase ventilation inside the cab. To further improve operating comfort, the machine can be equipped with an Air Conditioning system (mounted on the cab roof).</p>
<p>5 - CAISSON</p>	<p>Made of Hardox steel for the bottom and high-strength steel for the vertical walls. Shaped to facilitate the unloading of material, it has a capacity of 4,900 litres of volume at the ridge (3,700 litres flush volume and 2,900 litres in water). The maximum rated capacity is 9,000 kg. Container designed to transport materials with a density of approximately 1800/2000kg/m³.</p>

**PERFORMANCE AND FEATURES****DM9****Performance**

Total empty mass	8100
Maximum load capacity (kg)	9000
Heaped volume ISO6483 (m ³)	4,9
Struck volume (m ³)	3,7
Water volume (l)	2.9
Max. tipping angle	75°
Fifth wheel rotation	±90°
Unloading height (mm)	1150

**Powertrain**

Engine power	74.4/100
Anti-pollution technology	STAGE V
Fuel tank	200
AdBlue tank	18
Engine	DEUTZ TCD3.6
Axles	Drop portal
Hydrostatic transmission	EPD
Maximum gradeability: Fully laden (%)	40%
Maximum gradient unladen	50%
Maximum cross gradient	15%
Maximum speed (km/h)	40

**Configuration**

ROPS cabin	●
Double driving position	●
Brakes	4 Dry discs
Three steering way	●
Parking brake	●
Permanent four-wheel drive	●
All wheel steering	●
Standard tyres	18-19,5"
Front and rear towing hooks	●
Automatic battery disconnect switch	●
Battery	100Ah-12V
Tool-carrier compartments	2
Rear Camera	●
Air-conditioning	○
Work lights	○

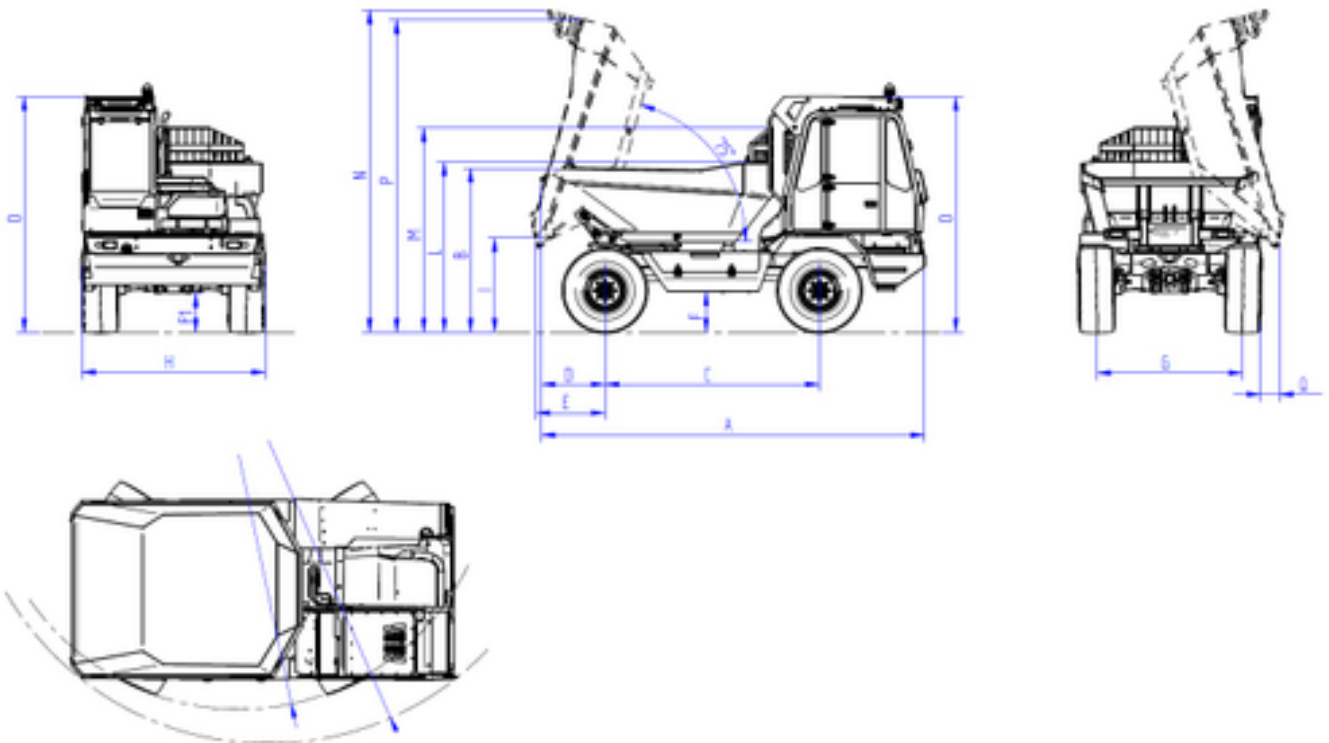
- not available
- standard
- optional

Dimensions

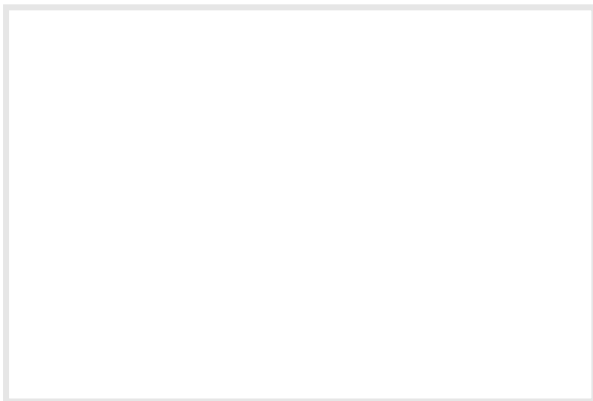


	DM9
A	4920
B	2100
C	2750
D	820
E	880
F1	495
G	1885
H	2335
I	1150
L	2200
M	2630
N	4140
O	2880
O1	3005
P	4000
Q	240

Technical Details



Your Merlo dealer



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