

CRAWLER DOZER



DH16M

Hydrostatic 18-tonne dozer · XL and LGP · key figures shown for XL

GROSS POWER

149 kW

OPERATING WEIGHT

17 665 kg

BLADE CAPACITY

3.22 m³

BLADE WIDTH

3 300 mm

GROUND PRESSURE

50 kPa

230 kN theoretical traction force

Pushes a full blade uphill without losing travel speed.

4.01 m³ folding blade in LGP

Moves more per pass and still transports at legal width.

36.9 kPa ground pressure in LGP

Carries on soft ground where the XL undercarriage sinks.

Technical data

DH16M · Crawler Dozer

ENGINE

Model	Cummins QSB6.7
Emission standard	Tier 4 Final / EU Stage V
Gross power	149 kW (200 hp)
Net power	134 kW (180 hp)
Displacement	6.7 L
Max. torque	990 Nm @ 1300 rpm

DRIVE SYSTEM

Type	Dual-circuit hydrostatic
System relief pressure	44 500 kPa
Travel speed fwd / rev	0–10 / 0–10 km/h
Max. theoretical traction	230 kN
Steering	Independent track drive
Brake	Normally-closed multi-disc
Final drive	Spur gear + planetary

BLADE

Type XL / LGP	VPAT / FPAT
Capacity XL / LGP	3.22 / 4.01 m³
I Width XL / LGP	3 300 / 4 011 mm
J Height	1 387 mm
F Max. lifting height	1 028 mm
G Max. digging depth	642 mm

FLUID CAPACITIES (L)

Fuel tank	389
Coolant	29
Engine oil	14
Hydraulic tank	115

UNDERCARRIAGE XL / LGP

Suspension	Rigid
Track shoe type	Single grouser
Track gauge	2 040 / 2 350 mm
Shoe width	560/610 / 810 mm
Ground contact length	3 075 mm
Track / carrier rollers	8 / 2 per side
Pitch	203 mm

WEIGHT AND GROUND PRESSURE XL / LGP

Cab + drawbar	17 665 / 18 830 kg
Cab + ripper	19 190 / 20 375 kg
Ground pressure XL	50 (45.4) / 45.9 (41.7) kPa
Ground pressure LGP	36.9 (33.4) kPa

RIPPER

Type	Three-shank
S Max. ripping depth	492 mm
W Ripper width	2 082 mm
X Ripping width	1 900 mm

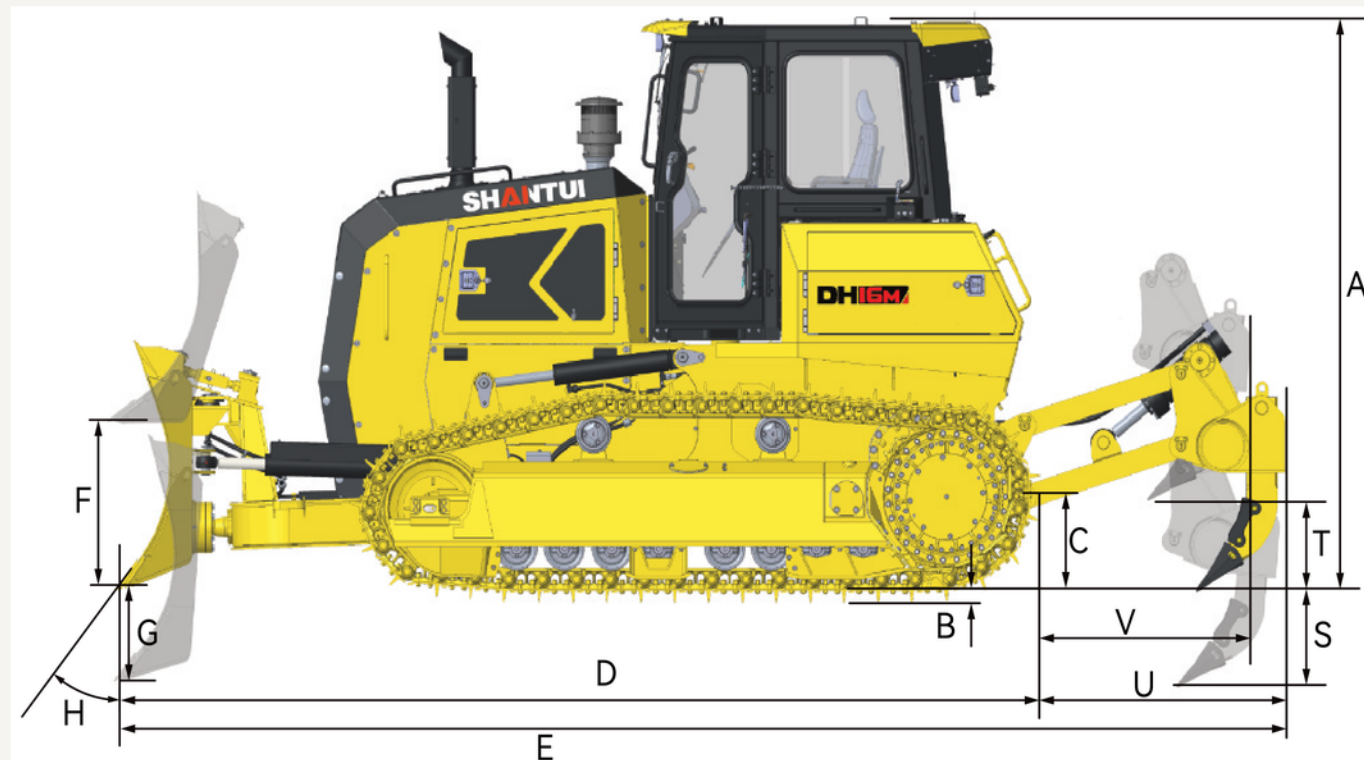
DIMENSIONS (MM) XL / LGP

A Machine height (no ROPS)	3 180
D Length without attachments	5 414
E Length incl. attachments	7 199
O Track shoe outside width	2 600 / 3 160
Q Min. turning radius	3 879 / 4 012
C Ground clearance	370

Dimensions

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SIDE VIEW (MM)



FRONT AND PLAN VIEW (MM)

