

CRAWLER DOZER



DH20M

Hydrostatic 22-tonne dozer · XL and LGP · key figures shown for XL

GROSS POWER

186 kW

OPERATING WEIGHT

22 200 kg

BLADE CAPACITY

5 m³

BLADE WIDTH

4 079 mm

GROUND PRESSURE

53.8 kPa

368 kN theoretical traction force

Rips and pushes in the same pass without stalling the tracks.

5 m³ blade at 186 kW

Moves bulk volume per pass on mass-haul earthworks.

42.7 kPa ground pressure in LGP

Keeps a 22-tonne machine working on soft, wet ground.

Technical data

DH20M · Crawler Dozer

ENGINE

Model	Cummins L9
Emission standard	EU Stage V
Gross power	186 kW (249 hp)
Net power	165 kW (221 hp)
Displacement	8.9 L
Max. torque	1085 Nm @ 1400 rpm

DRIVE SYSTEM

Type	Dual-circuit hydrostatic
System relief pressure	46 500 kPa
Travel speed fwd / rev	0–11 / 0–11 km/h
Max. theoretical traction	368 kN
Steering	Independent track drive
Brake	Normally-closed multi-disc
Final drive	Spur gear + planetary

BLADE

Type XL / LGP	VPAT / FPAT · Straight
Capacity XL / LGP	5 / 4.7 m³
I Blade width	4 079 / 4 009 / 4 083 mm
J Blade height	1 320 / 1 100 / 1 330 mm
F Max. lifting height	1 060 mm
G Max. digging depth	700 mm

FLUID CAPACITIES (L)

Fuel tank	444
Coolant	40
Engine oil	25
Hydraulic tank	115

UNDERCARRIAGE XL / LGP

Suspension	Pivot beam
Track shoe type XL	Single grouser
Track shoe type LGP	Wetland / single grouser
Track gauge	2 430 / 2 180 mm
Shoe width XL	510/560/610/710 mm
Shoe width LGP	760 mm
Ground contact length	3 285 mm
Track / carrier rollers	8 / 2 per side
Pitch	203 mm

WEIGHT AND GROUND PRESSURE XL / LGP

Cab + drawbar	22 200 / 21 680 kg
Cab + ripper	24 070 / 23 700 kg
Ground pressure XL	53.8 / 49.4 / 42.4 kPa
Ground pressure LGP	42.7 kPa

RIPPER

Type	Three-shank
S Max. ripping depth	650 mm
W Ripper width	2 288 mm
X Ripping width	2 100 mm

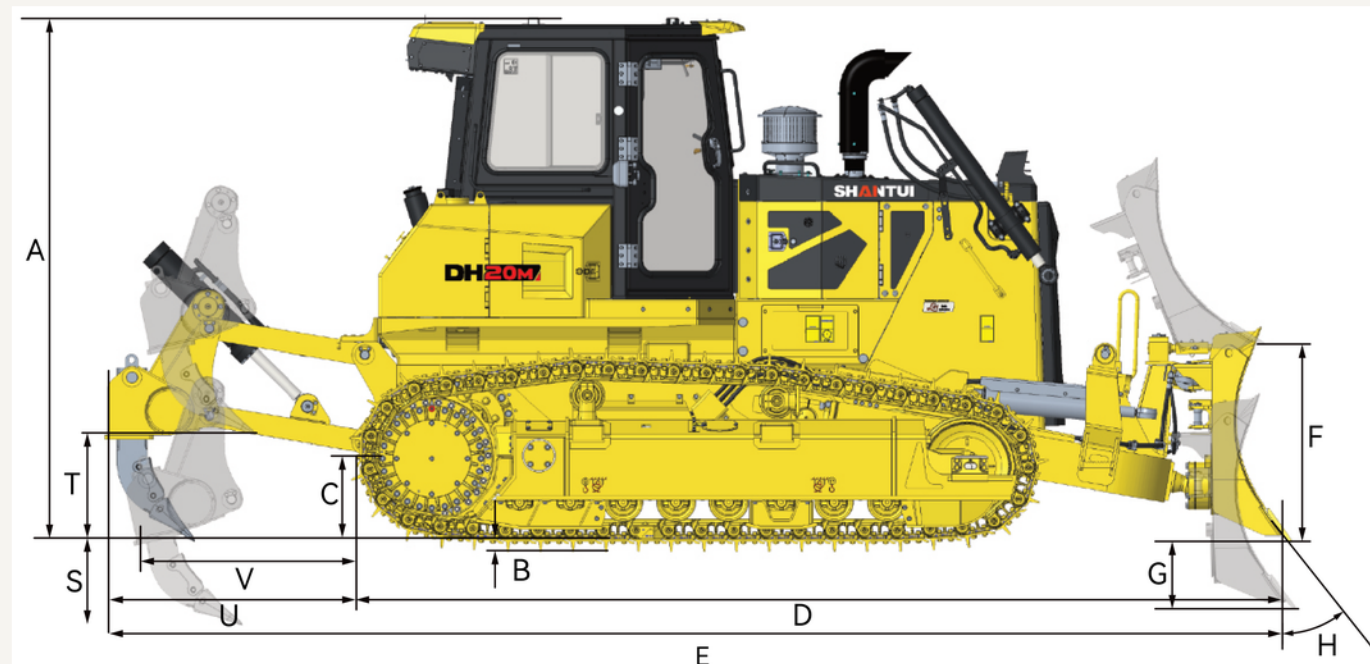
DIMENSIONS (MM) XL / LGP

A Machine height (no ROPS)	3 246
D Length without attachments	5 935 / 5 584
E Length incl. attachments	7 653 / 7 302
O Track shoe outside width	3 040 / 2 940
Q Min. turning radius	4 192 / 3 875
C Ground clearance	410

Dimensions

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SIDE VIEW (MM)



FRONT AND PLAN VIEW (MM)

