

CRAWLER DOZER



DH13M

Hydrostatic 14-tonne dozer · XL and LGP · key figures shown for XL

GROSS POWER

115 kW

OPERATING WEIGHT

14 390 kg

BLADE CAPACITY

3.0 m³

BLADE WIDTH

3 300 mm

GROUND PRESSURE

46.3 kPa

212 kN theoretical traction force

Keeps a full 3.0 m³ blade moving in heavy wet mass.

35.6 kPa ground pressure in LGP

Works on peat and soft fill where a standard dozer sinks.

263 L fuel tank

A full production shift between refuellings.

Technical data

DH13M · Crawler Dozer

ENGINE

Model	Cummins QSB4.5
Emission standard	Tier 4 Final / EU Stage V
Gross power	115 kW (155 hp)
Net power	104 kW (139 hp)
Displacement	4.5 L
Max. torque	712 Nm @ 1200 rpm

DRIVE SYSTEM

Type	Dual-circuit hydrostatic
System relief pressure	43 500 kPa
Travel speed fwd / rev	0–10 / 0–10 km/h
Max. theoretical traction	212 kN
Steering	Independent track drive
Brake	Normally-closed multi-disc
Final drive	Spur gear + planetary

BLADE

Type XL	PAT
Type LGP	PAT / foldable PAT
Capacity XL / LGP	3.0 / 3.36 m³
I Width XL / LGP	3 300 / 3 680 mm
J Height	1 305 mm
F Max. lifting height	950 mm
G Max. digging depth	460 mm

FLUID CAPACITIES (L)

Fuel tank	263
Coolant	29
Engine oil	14
Hydraulic tank	66

UNDERCARRIAGE XL / LGP

Suspension	Semi-rigid
Track shoe type	Single grouser
Track gauge	1 930 / 2 150 mm
Shoe width	560 / 760 mm
Ground contact length	2 640 mm
Track / carrier rollers	7 / 2 per side
Pitch	190 mm

WEIGHT AND GROUND PRESSURE XL / LGP

Cab + drawbar	14 390 / 14 990 kg
Cab + ripper	15 490 / 16 090 kg
Ground pressure	46.3 / 35.6 kPa

RIPPER

Type	Three-shank
S Max. ripping depth	500 mm
W Ripper width	1 759 mm
X Ripping width	1 696 mm

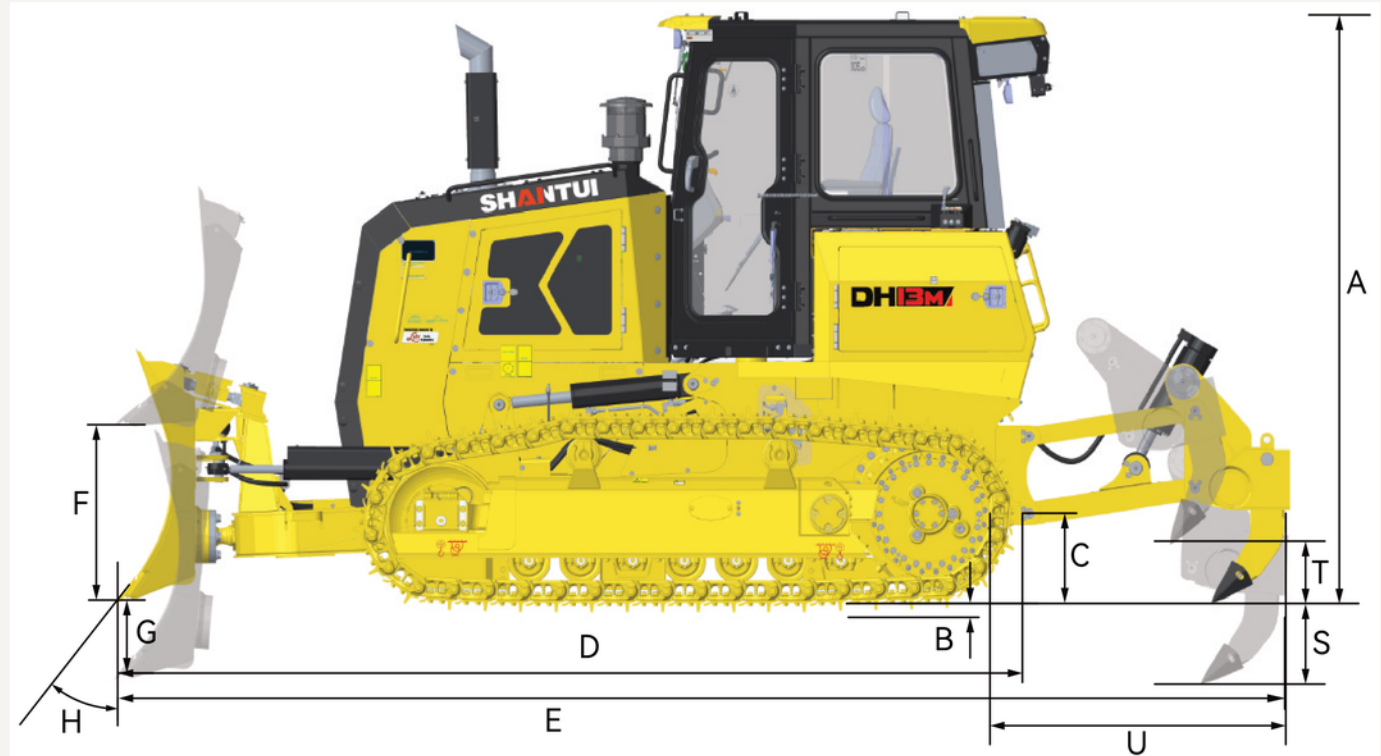
DIMENSIONS (MM) XL / LGP

A Machine height (no ROPS)	3 110
D Length without attachments	4 997
E Length incl. attachments	6 527
O Track shoe outside width	2 490 / 2 910
Q Min. turning radius	3 468 / 3 543
C Ground clearance	360

Dimensions

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SIDE VIEW (MM)



FRONT AND PLAN VIEW (MM)

