

CRAWLER DOZER



DH46M

Hydrostatic 53-tonne dozer in rock configuration with 13.7 m³ blade

GROSS POWER

391 kW

OPERATING WEIGHT

52 860 kg

BLADE CAPACITY

13.7 m³

BLADE WIDTH

4 320 mm

GROUND PRESSURE

120 kPa

391 kW gross power

Holds travel speed with a full rock blade in front.

13.7 m³ rock blade

Moves blasted rock in volumes that suit a loading face.

880 L fuel tank

A full production shift between refuellings.

Technical data

DH46M · Crawler Dozer

ENGINE

Model	Cummins X15-C525
Emission standard	Tier 4 Final / EU Stage V
Gross power	391 kW (524 hp)
Net power	354 kW (475 hp)
Displacement	15 L
Max. torque	2373 Nm @ 1400 rpm

DRIVE SYSTEM

Type	Dual-circuit hydrostatic
System relief pressure	43 500 kPa
Travel speed fwd / rev	0–11 / 0–11 km/h
Max. theoretical traction	543 kN
Steering	Independent track drive
Brake	Normally-closed multi-disc
Final drive	Spur gear + planetary

BLADE

Type	Rock blade
Capacity	13.7 m³
I Width	4 320 mm
J Height	1 950 mm
F Max. lifting height	1 460 mm
G Max. digging depth	660 mm

FLUID CAPACITIES (L)

Fuel tank	880
Coolant	73
Engine oil	45–49
Hydraulic tank	240
Final drive	43 per side

UNDERCARRIAGE

Suspension	Pivot equalizing beam
Track shoe type	Single grouser
Track gauge	2 260 mm
Shoe width	610 / 660 / 710 mm
Ground contact length	3 532 mm
Track shoes	40 per side
Track / carrier rollers	7 / 2 per side
Pitch	260 mm

WEIGHT AND GROUND PRESSURE

Cab + drawbar	52 860 kg
Cab + ripper	56 200 kg
Ground pressure	120 kPa

RIPPER

Type	Single-shank
S Max. ripping depth	1 245 mm
T Max. lifting height	1 056 mm
W Ripper width	1 490 mm
X Ripping width	160 mm

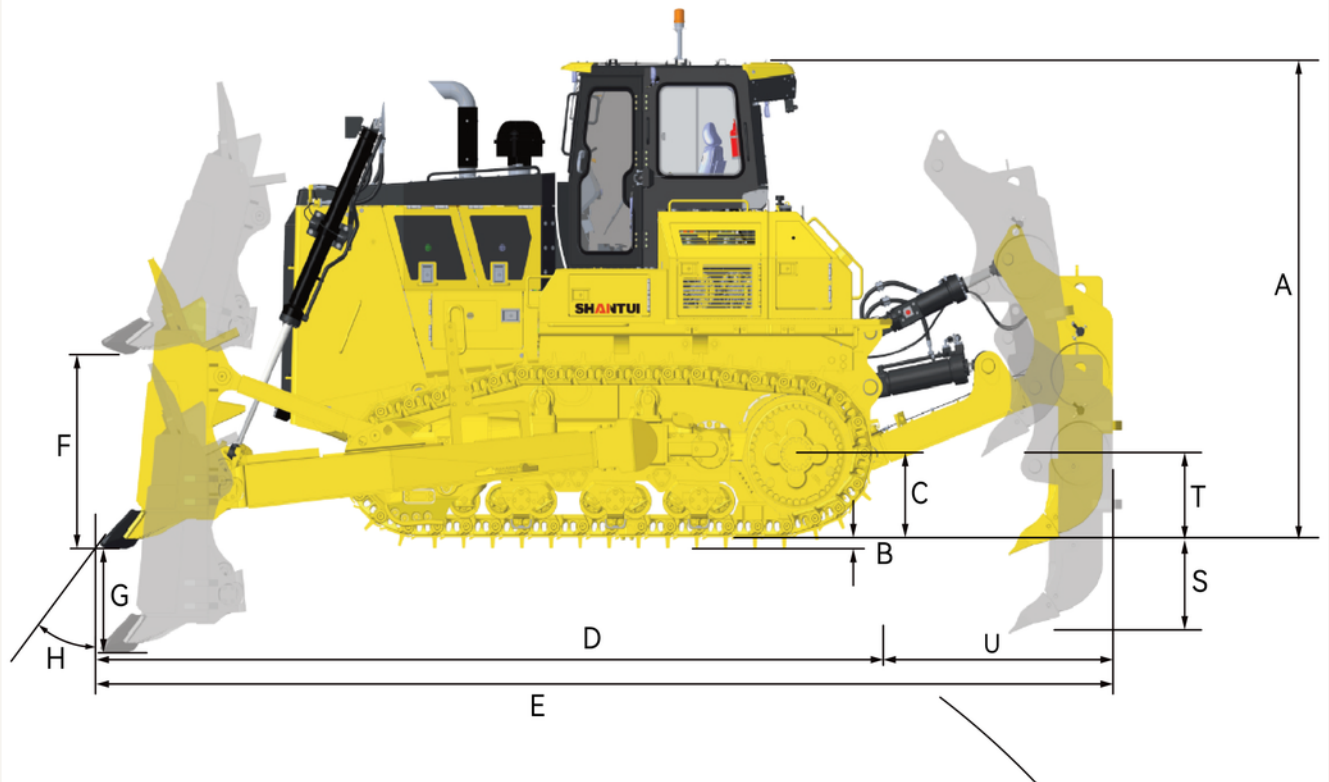
DIMENSIONS (MM)

A Machine height (no ROPS)	3 990
C Ground clearance	680
D Length without attachments	7 085
E Length incl. attachments	9 560
L Width, blade turned	4 391
O Track shoe outside width	2 870
Q Min. turning radius	4 940

Dimensions

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SIDE VIEW (MM)



FRONT AND PLAN VIEW (MM)

