

CRAWLER DOZER



DH24M

Hydrostatic 24-tonne dozer · coal U-blade or straight-tilt blade · key figures for the U-blade

GROSS POWER

213 kW

OPERATING WEIGHT

23 562 kg

BLADE CAPACITY

6.9 m³

BLADE WIDTH

3 642 mm

GROUND PRESSURE

63 kPa

368 kN theoretical drawbar pull

Pushes a full blade uphill without downshifting.

6.9 m³ coal U-blade

Carries more per pass on light bulk material.

655 mm three-shank ripping depth

Loosens hardpan so the same machine can push it away.

Technical data

DH24M · Crawler Dozer

ENGINE

Model	Cummins L9
Emission standard	EU Stage V
Gross power	213 kW (286 hp)
Net power	190 kW (255 hp)
Displacement	8.9 L
Max. torque	1636 Nm @ 1100 rpm

DRIVE SYSTEM

Type	Dual-circuit hydrostatic
System relief pressure	45 000 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 COAL U / STRAIGHT-TILT

Capacity	6.9 / 6.4 m ³
I Width	3 642 / 4 365 mm
J Height	1 580 / 1 400 mm
F Max. lifting height	1 247 / 1 300 mm
G Max. digging depth	540 / 550 mm
H Digging angle	52°±3° / 55°±3°

FLUID CAPACITIES (L)

Fuel tank	450
Coolant	41
Engine oil	25
Hydraulic tank	125
Final drive	37 per side

UNDERCARRIAGE STD / WETLAND

Suspension	Pivot beam
Track shoe type	Single grouser / wetland
Track gauge	2 000 / 2 250 mm
Shoe width	560 / 610 / 660 mm
Ground contact length	3 050 / 3 482 mm
Track rollers	7 / 8 per side
Carrier rollers	2 per side
Pitch	216 mm

WEIGHT AND GROUND PRESSURE

Cab + drawbar	23 562 kg
Cab + ripper	26 209 kg
Ground pressure	63 kPa

RIPPER

Type	Three-shank
S Max. ripping depth	655 mm
T Max. lifting height	567 mm
W Ripper width	2 246 mm
X Ripping width	2 000 mm

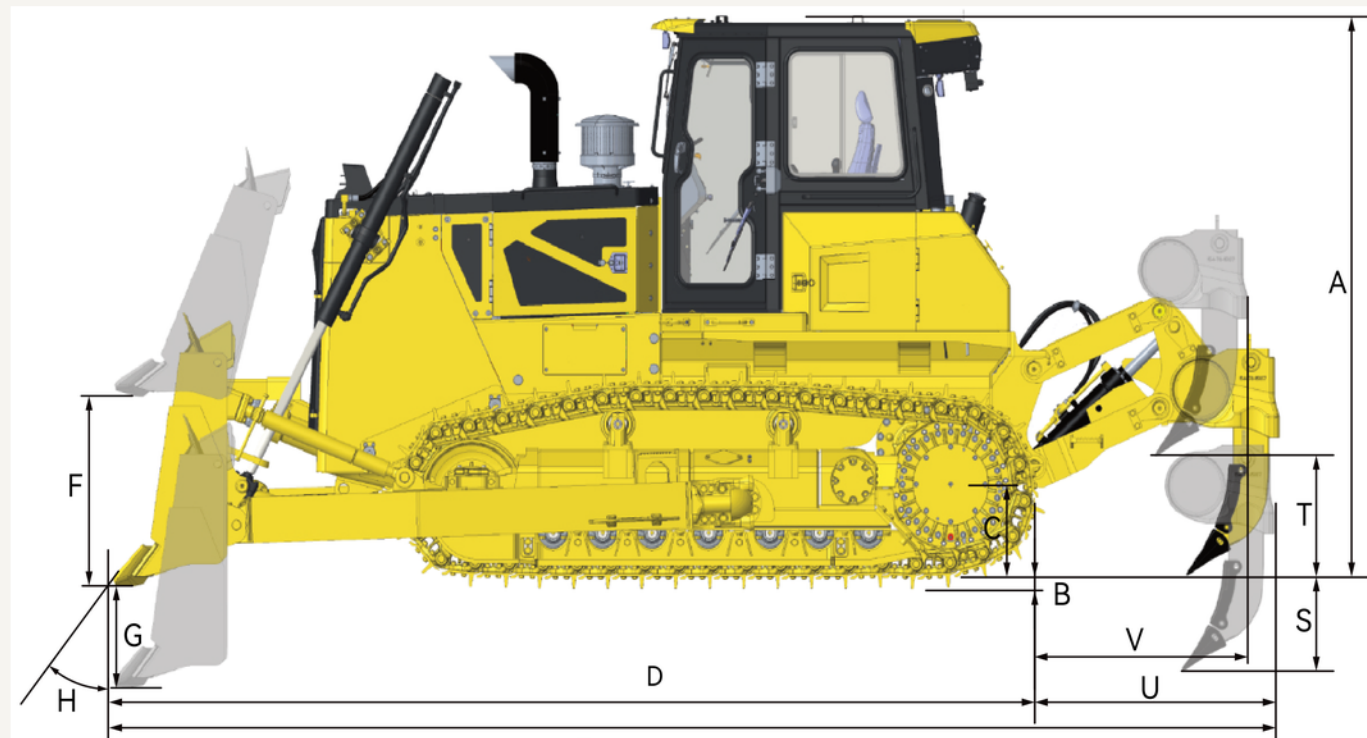
DIMENSIONS (MM)

A Machine height (no ROPS)	3 362
C Ground clearance	450
D Length without attachments	5 940
E Length incl. attachments	7 822
L Width, blade turned	3 702
O Track shoe outside width	2 560
Q Min. turning radius	4 210 / 4 319

Dimensions

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SIDE VIEW (MM)



FRONT AND PLAN VIEW (MM)

