

DH46-C3

SHANTUI
VALUE THAT WORKS

BULLDOZER
SERIES

ENGINE MODEL	CUMMINS QSX 15
GROSS POWER	380KW(510HP)
OPERATING WEIGHT	RS: 56000KG

LET'S MAKE
CONSTRUCTION EASIER



DH46-c3 TECHNICAL PARAMETERS
BULLDOZER SERIES

ENGINE

Engine	Cummims QSX 15
Emission	U.S. EPA Tier 3, EU Stage IIIA
Rated revolution	1800rpm
Gross power	380kW(510hp)
Net power	343kW(460hp)
No. of cylinder-bore×stroke	6×137mm×169mm
Displacement	15L
Max. torque	2365Nm@1400rpm
Cooling system	Smart temperature-controlled fan

DRIVE SYSTEM

Drive system	Independent dual-circuit electric control hydrostatic drive, intelligent matching of speed-load, "stepless" variable speed, mono-lever control of travel, speed and steering; steering with load, pivot steering, work flexibly, high efficiency, easy for maintenance
System overflow pressure	43500kPa
Traveling speed	Forward 0~11km/h Backward 0~11km/h
Max. theoretical traction force	720kN
Steering	Independent drive of track at both sides to ensure the full power output for pivot steering and steering with load
Brake	Regular closed multi-disk brake
FINAL DRIVE	Double-reduction final drives of spur gear and planetary gear

CHASSIS SYSTEM

Type	Pivot, equalizing beam suspended type, semi-rigid structure
Track shoe type	Single grouser
Track gauge	2260mm
Width of track shoe	610mm/660mm/710mm
Track grounding length	3532mm
Track grounding area	21545cm²
Number of track shoe	40 pcs/side
Grounding pressure (standard configuration)	120kPa
Number of carrier roller	2 pcs/side
Number of track roller	7 pcs/side
Pitch	260MM

VOLUME

Fuel capacity	920L
Coolant liquid capacity	73L
Engine oil capacity	45-49L
Hydraulic oil tank (travel)	370L
Hydraulic oil tank (work)	43L/single side
Final drive	8L
Transfer case	6L

OPERATING WEIGHT

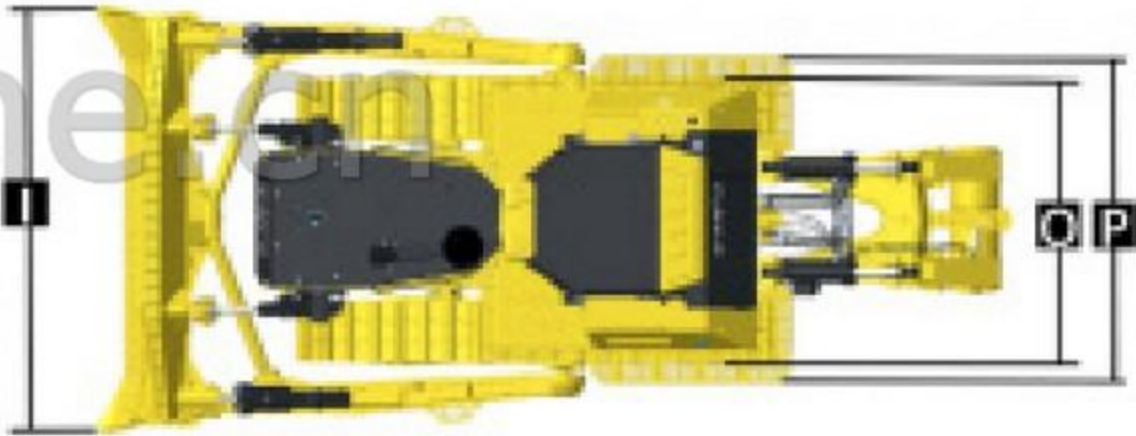
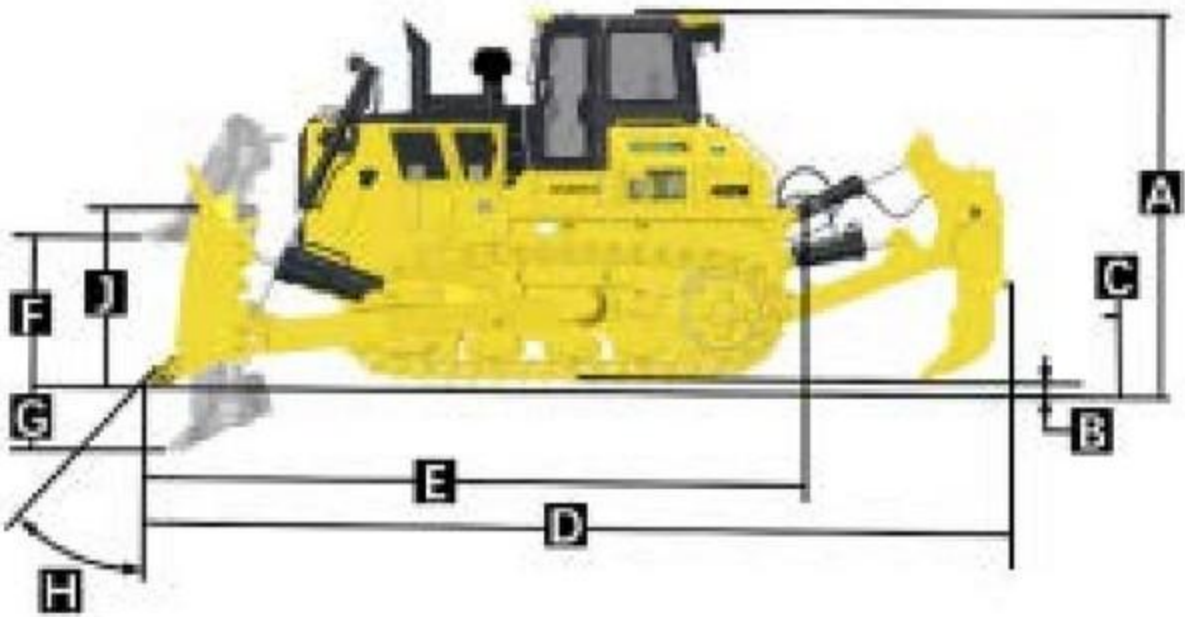
Operating weight	56000kg
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BLADE

Blade type	Rock Blade
Blade capacity	13.7m³

DIMENSION

	RS
A Machine height	3990mmO
B Track grouser height	87mm
C Ground clearance	680mm
D Machine length (with ripper)	9325mm
E Machine length (without ripper)	7085mm
F Max. lifting height of blade	1460mm
G Max. digging depth of blade	660mm
H Digging angle of blade	53°±3°(deg.)
I Blade width	4320mm
J Blade height	1950mm
Blade tilt height	1140mm
O Width from end of left track shoe to end of right track shoe (standard)	2870mm
P Width from end of left footplate to end of right footplate (standard)	3322mm



RIPPER

TYPE	Single Shank ripper
Weight	3728kg
Q Ripping Depth of Ripper	1245mm
R Lifting Height of Ripper	1056mm
S Length of Ripper(Maximum Subsoiling Position)	2475mm
T Width of Ripper	1490mm
U Tilt Angle(Maximum Lift Position)	37.5°

