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DH46M

Dozer

SHANTUI BELGIUM (EUROPE) SRL.
Mondeolaan 1/A
3600 Genk
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Emissions Certified	Stage V
Gross Power	391 kW (524hp) @ 1800 rpm
Operating Weight	52 860 kg - 56 200 kg
Blade Size	13.7 m^3

VALUE THAT WORKS

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TECHNICAL PARAMETERS DH46M

ENGINE

Model	Cummims X15-C525
Emission standard	EPA Tier 4 Final/ EU Stage V
Rated revolution	1800 rpm
Gross power	391 kW (524hp)
Net power	354 kW (475hp)
Displacement	15 L
Max. torque	2373 Nm/1400 rpm

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	43 500 kPa	
Traveling speed	Forward	0 ~ 11 km/h
	Backward	0 ~ 11 km/h
Max. theoretical traction force	543 kN	
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, semirigid structure
Track shoe type	Single grouser
Track gauge	2260mm
Width of track shoe	610/660/710mm
Track grounding length	3532mm
Track grounding area	21545cm^2
Number of track shoe	40psc/side
Grounding pressure (standard configuration)	120kPa
Number of carrier roller	2pcs/ side
Number of track roller	7pcs/ side
Pitch	260mm

REFILL CAPACITY

Fuel capacity	880L
Coolant liquid	73L
Engine oil	45-49L
Hydraulic tank	240L
Final drive	43L/side

OPERATING WEIGHT	RS (Rock Version)
Cabin + traction frame	52860kg
Cabin+ ripper	56200kg

BLADE	RS (Rock Version)
Blade type	Rock Blade
Blade capacity	13.7m^3

*) THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
THE PICTURES MAY INCLUDE OPTIONAL CONFIGURATION; THE ACTUAL COLOR AND APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN

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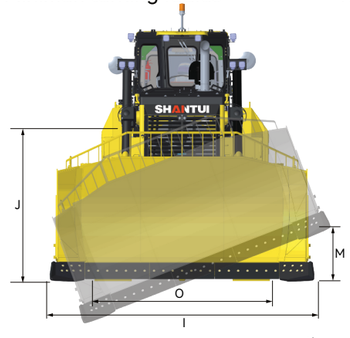
TECHNICAL PARAMETERS DH46M

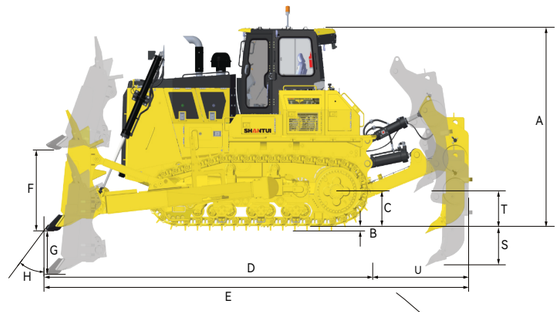
DIMENSION

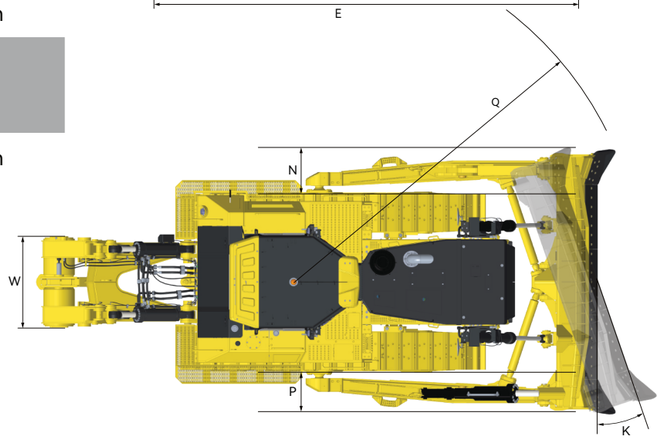
A.	Machine height (without ROPS)	3990mm
B.	Track grouser height	87mm
C.	Ground clearance	680mm
D.	Machine length (without attachments)	7085mm
E.	Machine length (incl. attachments)	9560mm
F.	Max. lifting height of blade	1460mm
G.	Max. digging depth of blade	660mm
H.	Digging angle of blade	52°
I.	Blade width	4320mm
J.	Blade height	1950mm
K.	Max blade turning angle on ground	n/a
L.	Machine width when blade in max turning angle	4391mm
M.	Max tilt height of blade	n/a
N.	Vertical distance from left track shoe outside to blade outside when blade in max turning angle	n/a
O.	Track shoes outside width	2870mm
P.	Vertical distance from right track shoe outside to blade outside when blade in max turning angle	n/a
Q.	Minimun turning radius	4940mm



RIPPER

R.	Type	Single ripper
S.	Max. ripping depth	1245mm
T.	Max. lifting height	1056mm
U.	Ripper length (at deepest ripping)	2475mm
V.	Ripper length (at highest point)	2287mm
W.	Ripper width	1490mm
X.	Ripping width	160mm
Y.	Distance between ripper teeth	n/a





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