

# DH10-C2

**SHANTUI**  
VALUE THAT WORKS

BULLDOZER  
SERIES

ENGINE MODEL	CUMMINS QSF3.8
GROSS POWER	86KW(115HP)
OPERATING WEIGHT	XL:9200KG LGP:9500KG

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CONSTRUCTION EASIER



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# DH10-c2 TECHNICAL PARAMETERS

## BULLDOZER SERIES

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ENGINE	
Engine	Cummins QSF3.8
Emission	US EPA Tier3 □EU Stage□A
Rated revolution	2200rpm
Gross power	86kW(115hp)
Net power	80kW(107hp)
Displacement	3.8L(232cu.in)
Max. torque	470Nm(347lb.-ft.)/1320rpm

DRIVE SYSTEM	
Drive system	Dual-circuit electric control hydrostatic drive, intelligent matching of load changes
System overflow pressure	42500KPa(6162.5psi)
Traveling speed	Forward 0~9 km/h(5.6 mph)
	Backward 0~9 km/h(5.6 mph)
Max. theoretical traction force	155.2kN(34914lb.)
Steering	Hydraulic motor differential steering, pivot steering, steering with load
Brake	Regular closed brake
FINAL DRIVE	Two-stage planetary gear reduction

	CHASSIS SYSTEM	
	XL	LGP
Type	Rigid type suspension	Rigid type suspension
Track shoe type	Single grouser dry type	Single grouser dry type
Track gauge	1650mm(65in.)	1790mm(70in.)
Width of track shoe	460mm(18in.)	630mm(25in.)
Track grounding length	2360mm(93in.)	2360mm(93in.)
Track grounding area	21712cm <sup>2</sup> (3365sq.in.)	29736cm <sup>2</sup> (4929sq.in.)
Number of track shoe	39pcs/single side	39pcs/single side
Grounding pressure (standard configuration)	43.9kPa(6.21psi)	33.6kPa(4.81psi)
Number of carrier roller	2pcs/single side	2pcs/single side
Number of track roller	6pcs/single side	6pcs/single side
Pitch	171.45mm(6.75in.)	171.45mm(6.75in.)
Minimum turning radius	-	-

VOLUME	
Fuel capacity	197L(52gal.)
Coolant liquid capacity	19L(5.0gal.)
Engine oil capacity	15L(4gal.)
Hydraulic oil tank	53L(14gal.)
Final drive	5L(1.32gal.)/single side

	OPERATING WEIGHT	
	XL	LGP
With Cabin+ draw bar	9200kg(20283lb.)	9500kg(20944b.)
With Cabin+ ripper	9917kg(21863lb.)	10217kg(22525lb.)

	BLADE	
	XL	LGP
Blade type	PAT	PAT
Blade capacity	1.98 m <sup>3</sup> (2.6cu.yd.)	2.25m <sup>3</sup> (2.94cu.yd.)

	DIMENSION		
	XL	LGP	
A	Machine height (without ROPS)	2885mm(114in.)	2885mm(114in.)
B	Track grouser height	50mm(2.0in.)	50mm(2.0in.)
C	Ground clearance	390mm(15.4in.)	390mm(15.4in.)
D	Machine length (with draw bar)	4442mm(175in.)	4442mm(175in.)
E	Machine length (without draw bar)	-	-
F	Max. lifting height of blade	900mm(35in.)	900mm(35in.)
G	Max. digging depth of blade	450mm(17.7in.)	450mm(17.7in.)
H	Digging angle of blade	55°±3°(deg.)	55°±3°(deg.)
I	Blade width	2860mm(113in.)	3200mm(126in.)
J	Blade height	1151mm(45.3in.)	1151mm(45.3in.)
K	Max blade turning angle on ground	25°(deg.)	25°(deg.)
L	Machine length when blade in max turning angle	2633mm(104in.)	2941mm(116in.)
M	Max tilt height of blade	415mm(16in.)	458mm(18in.)
N	Vertical distance from left track shoe outside to blade outside when blade in max turning angle	70mm(2.8in.)	70mm(2.8in.)
O	Track shoes outside width	2110mm(83in.)	2420mm(95in.)
P	Vertical distance from right track shoe outside to blade outside when blade in max turning angle	453mm(18in.)	453mm(18in.)

