

DH13-C2

SHANTUI
VALUE THAT WORKS

BULLDOZER SERIES

ENGINE MODEL	CUMMINS QSB6.7
GROSS POWER	116KW(155HP)
OPERATING WEIGHT	XL: 13400KG(29542LB.)
	LGP:14000KG(30865LB.)

LET'S MAKE
CONSTRUCTION EASIER



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DH13-c2 TECHNICAL PARAMETERS

BULLDOZER SERIES

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ENGINE

Engine	Cummins QSB6.7
Emission	EU StageIIIA
Rated revolution	2000rpm
Gross power	116kW(155hp)
Net power	103kW(138hp)
Displacement	6.7L(409cu.in.)
Max. torque	622Nm(459lb.-ft.)/1500rpm

DRIVE SYSTEM

Drive system	Independent dual-circuit electric control hydrostatic drive, intelligent matching of speed-load	
System overflow pressure	42500 KPa(6162.5 psi)	
Traveling speed	Forward	0~10km/h(5.6mph)
	Backward	0~10km/h(5.6mph)
Max. theoretical traction force	200kN(44992lb.)	

Steering	Independent drive of track at both sides to ensure the full power output for pivot steering and steering with load	
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Brake	Regular closed multi-disk brake	
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FINAL DRIVE	Primary spur gear + primary planetary reduction	
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CHASSIS SYSTEM

	XL	LGP
Type	Rigid type suspension	
Track shoe type	Single grouser	
Track gauge	1780mm(70in.)	2000mm(79in.)
Width of track shoe	560mm(22in.)	760mm(30in.)/700mm(27.6in.)
Track grounding length	2640mm(104in.)	
Track grounding area	29568cm ² (4583sq.in.)	40128cm ² (6220sq.in.) /36960cm ² (5729sq.in.)
Number of track shoe	40 pcs/single side	
Grounding pressure (standard configuration)	45.3kPa(6.57psi)	34.9kPa(5.06psi)
Number of carrier roller	2 pcs/side	
Number of track roller	7pcs/side	
Pitch	190MM(7.48IN.)	
Minimum turning radius	-	-

VOLUME

Fuel capacity	275L(72.6gal.)	
Coolant liquid capacity	26L(6.9gal.)	
Engine oil capacity	16.5L(4.4gal.)	
Hydraulic oil tank	66L(17.4gal.)	
Final drive	19L(5.2gal.)/Single side	

OPERATING WEIGHT

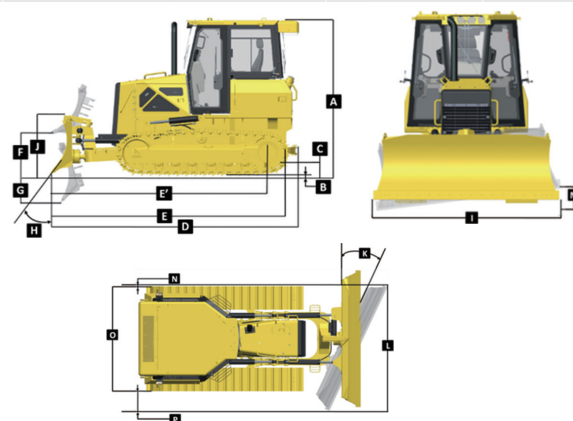
	XL	LGP
Operating weight (Traction frame)	13400kg(29542lb.)	14000kg(30865lb.)
Operating weight (Ripper)	14600kg(32187lb.)	-
Operating weight (Winch)	-	15000kg(33069lb.)

BLADE

	XL	LGP
Blade type	PAT	PAT
Blade capacity	3.07 m ³ (4.0cu.yd.)	3.39m ³ (4.4cu.yd.)

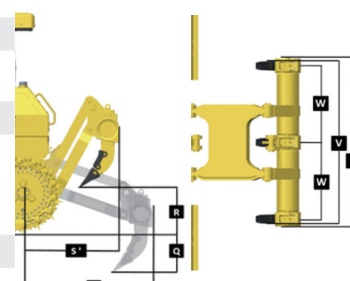
DIMENSION

	XL	LGP
A Machine height	2988mm(118in.)	
B Track grouser height	50mm(2.0in.)	
C Ground clearance	360mm(14.2in.)	
D Machine length (with draw bar)	-	
E Machine length (without draw bar)	4924mm(194in.)	
F Max. lifting height of blade	950mm(37.4in.)	
G Max. digging depth of blade	460mm(18.1in.)	
H Digging angle of blade	55°±3°(deg.)	
I Blade width	3060mm(120.5in.)	3380mm(133in.)
J Blade height	1120mm(44.1in.)	
K Max blade turning angle on ground	25°(deg.)	
L Machine length when blade in max turning angle	2773(109in)	3063mm(121in.)
M Max tilt height of blade	460mm(18in.)	510mm(20in.)
N Vertical distance from left track shoe outside to blade outside when blade in max turning angle	14mm(0.55in.)	54mm(2.13in.) /84mm(3.31in)
O Track shoes outside width	2340mm(92in.)	2760mm(109in) /2700mm(106in)
P Vertical distance from right track shoe outside to blade outside when blade in max turning angle	425mm(16.7in.)	465mm(18.3in.) /495mm(19.5in.)



PARAMETER OF RIPPER(Three-shank ripper :1035kg(2282lb.))

Q Max. ripping depth	500mm(20in.)
R Max. lifting height	440 mm(17.3 in.)
S Ripper length (at deepest ripping)	1530mm(60in.)
S' Ripper width	1230mm(48in.)
T Departure angle (at highest lifting)	1759mm(69in.)
U Tilt angle(at highest point)	43°(deg.)
V Ripping width	1696mm(66.7in.)
W Distance between ripper teeth	800 mm(31.5 in.)



WINCH PARAMETERS(Hydraulic winch (HSCT): 998kg(2200lb.))

Diameter of steel rope	16mm(0.63in.)/19mm(0.75in.)/22mm(0.87in.)
Maximum rope capacity of drum	128.9m(422ft.11in.)/90.8m(297ft.11in.)/65.5m(214ft.11in.)
Maximum tension(Bare drum)	28190kg(62148lb.)
Maximum tension(Full drum)	15190kg(33488lb.)
Maximum speed of the rope(Bare drum)	13.6m/min(73ft.2in./min)
Length of winch	900mm(35in.)