

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



SHANTUI CONSTRUCTION MACHINERY CO., LTD.

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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
Brake	Regular closed multi-disk brake
FINAL DRIVE	Primary spur gear + primary planetary reduction

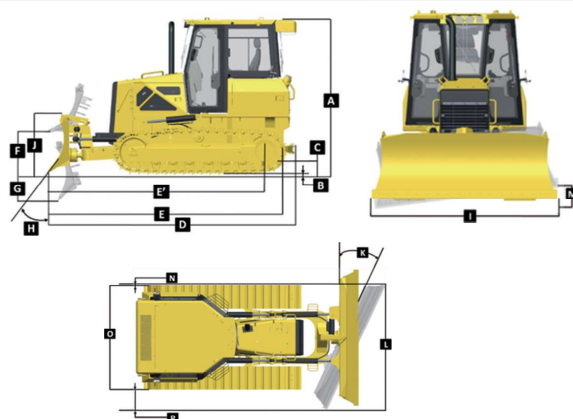
CHASSIS SYSTEM	XL	LGP
Type	Rigid type suspension	
Track shoe type	Single grouser	
Track gauge	1780mm(70in.)	2000mm(79in.)
Width of track shoe	560mm(22in.)	760mm(30in.)/700mm(27.6in.)
Track grounding length	2640mm(104in.)	
Track grounding area	29568cm²(4583sq.in.)	40128cm²(6220sq.in.) /36960cm²(5729sq.in.)
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

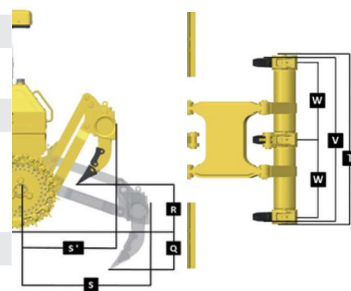
OPERATING WEIGHT	XL	LGP
Operating weight (Traction frame)	13400kg(29542lb.)	14000kg(30865lb.)
Operating weight (Ripper)	14600kg(32187lb.)	-
Operating weight (Winch)	-	15000kg(33069lb.)

BLADE	XL	LGP
Blade type	PAT	PAT
Blade capacity	3.07 m³(4.0cu.yd.)	3.39m³(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.)

DH17-C2

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BULLDOZER SERIES

ENGINE MODEL	WEICHAI WP10G220E314
GROSS POWER	162KW(217HP)@1900
OPERATING WEIGHT	XL: 18340KG LGP: 20200KG

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DH17-c2 TECHNICAL PARAMETERS

BULLDOZER SERIES

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ENGINE	
Engine	Weichai WP10G220E314
Emission	China-III
Rated revolution	1900rpm
Gross power	Heavy load: 162kW(217hp)@1900 Standard: 141kW(189hp)@1820 Light load: 120kW(161hp)@1750
Net power	Heavy load: 149kW(200hp)@1900 Standard: 128kW(172hp)@1820 Light load: 107kW(143hp)@1750
Number of cylinder-bore×stroke	6-126mm×130mm
Displacement	9.726L
Max. torque	1035Nm@1200-1400rpm
Cooling system	Mechanic fan

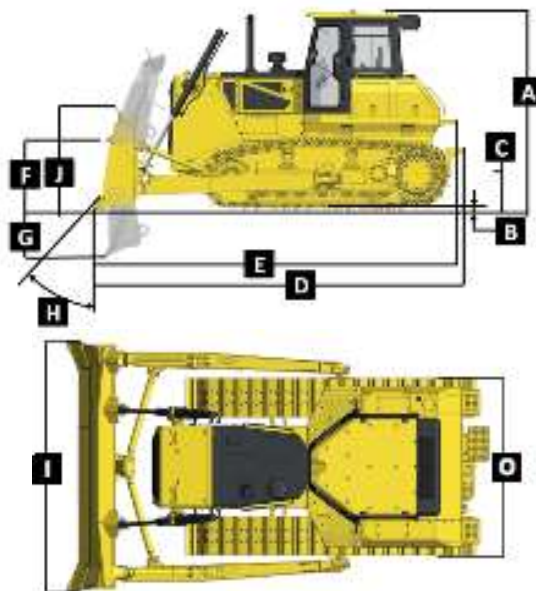
DRIVE SYSTEM	
Drive system	Independent dualcircuit electric control hydrostatic drive, intelligent matching of speedload, "stepless" variable speed, monolever control of travel, speed and steering; steering with load, pivot steering, work flexibly, high efficiency, easy for maintenance
System overflow pressure	45000kPa
Traveling speed	Forward 0~10km/h Backward 0~10km/h
Max. theoretical traction force	304.7kN
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	Primary spur gear + primary planetary reduction

CHASSIS SYSTEM	XL	RS	LGP	WH	DS
Type	Pivot, equalizing beam suspended type, semi-rigid structure				
Track shoe type	Single grouser	Wetland type/ Single grouser	Wetland type	Wetland type/ Single grouser	
Track gauge	1880mm			2350mm	
Width of track shoe	510/560/610mm	610mm	1100/910/900mm	1100/950mm	810/1100/950mm
Track grounding length	2675mm			2935mm	
Track grounding area	27285cm²	32635cm²	64570cm²		47547cm²
Number of track shoe	39 pcs/side		42 pcs/side		
Grounding pressure (standard configuration)	67.2kPa	58.7kPa	31.2kPa	31.1kPa	43.3kPa
Number of carrier roller	2 pcs/side				
Number of track roller	7pcs/side				
Pitch	203MM				

VOLUME	
Fuel capacity	305L
Coolant liquid capacity	54L
Engine oil capacity	24L
Hydraulic oil tank (travel)	60L
Hydraulic oil tank (work)	65L
Final drive	37L/side 35L/side

OPERATING WEIGHT	XL	RS	LGP	WH	DS
Operating weight (standard)	18340kg	19176kg	20200kg	20140kg	20600kg
Weight of ripper	1493kg		-		

BLADE	XL	RS	LGP	WH	DS
Blade type	Semi-U/straight tilt-blade	Straight tilt-blade (heavy duty)	Straight tilt-blade	Waste handling blade	Straight tilt-blade
Blade capacity	4.7/4.5m³	4.3m³	3.8m³	8.3m³	3.8m³



DIMENSION	XL	CH	LGP	WH	DS
A Machine height	3080mm	3080mm	3091mm		
B Track grouser height	65mm	75mm	101.5mm(Wetland type)/65mm(Single grouser)		
C Ground clearance	370mm				
D Machine length (with draw bar)	5568mm	5568mm	5658mm		
E Machine length (without draw bar)	5250mm	5250mm	5340mm		
F Max. lifting height of blade	1010mm				
G Max. digging depth of blade	520mm	520mm	485mm		
H Digging angle of blade	52°±3°(deg.)				
I Blade width	3400/3388mm Semi-U/straight tilt-blade	3455mm	4150mm		
J Blade height	1200/1149mm Semi-U/straight tilt-blade	1317mm	977mm	1600mm	977mm
O Width from end of left track shoe to end of right track shoe (standard)	2390mm	2490mm	3450mm		

PARAMETER OF RIPPER	
TYPE	Three-shank ripper
Weight	1493kg
Q Max. ripping depth	475mm
R Max. lifting height	570mm
S Ripper length (at deepest ripping)	1809mm
T Ripper width	2082mm
U Departure angle (at highest lifting)	32.1°
V Ripping width	1900mm
W Distance between ripper teeth	950mm

