SHANTUI AUSTRALIA

DH13-C3

Crawler Dozer



Engine Model:	Cummins QSB6.7
Gross Power:	116kW(155hp)
Operating Weight:	XL: 13,400kg(29542lb.) LGP:14,000kg(30865lb.)

POWERED BY EVCORE®

DH13-C3 SPECIFICATIONS

ENGINE	
Engine	Cummins QSB6.7
Emission	Stage III
Rated revolution	2000rpm
Gross power	116kW(155hp)
Net power	103kW(138hp)
Displacement	6.7L(409cu.in)
Max. torque	622Nm(459lb.-ft.)/1500rpm
Min. fuel consumption	195 g/kw.h

DRIVE SYSTEM		
Drive system		Independent dual-circuit electric control hydrostatic drive, intelligent matching of speed-load
System overflow pressure		43500KPa(6309psi)
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	Semi-rigid type suspension	Semi-rigid type suspension
Track shoe type	Single grouser	Single grouser
Track gauge	1780mm(70in.)	2000mm(79in.)
Width of track shoe	560mm(22in.)	760mm(30in.)/700mm(27.6in.)
Track grounding length	2640mm(104in.)	2640mm(104in.)
Track grounding area	29568cm²(4583sq.in.)	40128cm²(6220sq. in.)/36960cm²(5729sq.in.)
Number of track shoe	40 pcs/single side	40 pcs/single side
Grounding pressure (standard configuration)	45.3kPa(6.57psi)	34.9kPa(5.06psi)
Number of carrier roller	2pcs/single side	2pcs/single side
Number of track roller	7pcs/single side	7pcs/single side
Pitch	190mm(7.48in.)	190mm(7.48in.)

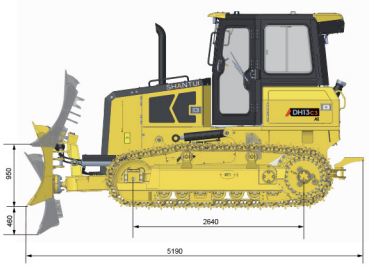
REFILL CAPACITY	
Fuel capacity	275L(72.6gal.)
Coolant liquid capacity	26L(6.9gal.)
Engine oil capacity	16.5L(4.4gal.)
Hydraulic oil tank	66L(17.4gal.)
Final drive	19L(5.2gal.)/Single side

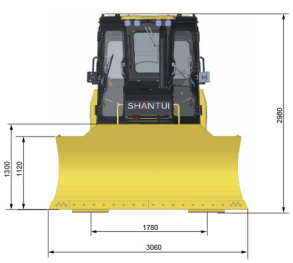
OPERATING WEIGHT	XL	LGP
Operating weight (Traction frame)	13400kg(29542lb.)	14000kg(30865lb.)
Operating weight (Ripper)	14600kg(32187lb.)	—
Operating weight (Winch)	—	15000kg(33069lb.)

BLADE	XL	LGP
Blade type	PAT	PAT
Blade capacity	3.07 m³(4.0cu.yd.)	3.39m³(4.4cu.yd.)

DIMENSION	XL	LGP
Machine height	2988mm(118in.)	2988mm(118in.)
Track grouser height	50mm(2.0in.)	50mm(2.0in.)
Ground clearance	360mm(14.2in.)	360mm(14.2in.)
Machine length (with draw bar)	5190mm(194in.)	5190mm(194in.)
Max. lifting height of blade	950mm(37.4in.)	950mm(37.4in.)
Max. digging depth of blade	460mm(18.1in.)	460mm(18.1in.)
Digging angle of blade	55°±3°(deg.)	55°±3°(deg.)
Blade width	3060mm(120.5in.)	3530mm(139in.)
Blade height	1300mm(51.2in.)	1300mm(51.2in.)
Max blade turning angle on ground	25°(deg.)	25°(deg.)
Machine length when blade in max turning angle	2783mm(110in.)	3200mm(126in.)
Max tilt height of blade	460mm(18in.)	510mm(20in.)
Vertical distance from left track shoe outside to blade outside when blade in max turning angle	16mm(0.6in.)	14mm(0.6in.)
Track shoes outside width	2340mm(92in.)	2760mm(109in)
Vertical distance from right track shoe outside to blade outside when blade in max turning angle	427mm(17in.)	424mm(14in.)
Min turning radius	3324mm(131in.)	3400mm(134in.)

RIPPER	
Type	Three shanks ripper
Weight	1035kg(2282lb.)
Max. ripping depth	500mm(20in.)
Max. lifting height	600 mm(23.6 in.)
Ripper length (at deepest ripping)	1600mm(63in.)
Ripper length (at highest point)	1230mm(48in.)
Ripper width	1759mm(69in.)
Tilt angle (at highest point)	28°(deg.)
Ripping width	1696mm(66.7in.)
Distance between ripper teeth	800mm(31.5in.)





* THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONS. THE ACTU AL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.

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