

GROUP PRODUCTS



LET'S MAKE CONSTRUCTION EASIER

SHANTUI

DH10-B2
Crawler Dozer



Engine WEICHAH WP4
Gross power 82kW(110hp)

Operating weight
XL:10550kg(23259lb.)
LGP:11000kg(24251lb.)



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VALUE AT WORK

Coupled with specially customized Weichai engine and uncommonly smooth full-featured Linde hydrostatic transmission, SHANTUI DH10-B2 hydrostatic dozer delivers unsurpassed productivity, uptime, and daily operating costs. Whether for precision grading or heavy pushing, DH10-B2 is a powerful machine for any application.

Turbo-charged Weichai WP4 engine features direct fuel injection to maximize power, fuel efficiency, parts universality and low maintenance cost. Linde-designed Hydrostatic Transmission (HST) consists of dual-path closed-circuits with variable displacement piston pumps and travel motors, that allows for Quick-Shift or variable speed selection. PCCS (Palm Command Control System) provides full automatic shifting and enables smooth control.

The integral ergonomic hexahedral cab features large space, excellent vision, and good airtightness. Standard canopy. The optional cab adopts integrally sealed shock-absorbing and soundabsorbing system to reduce the vibration and noise. Increased operator comfort with A/C, intelligent display, USB charging port, lighter, radio, etc.

Power Angle Tilt (PAT) Blade with highly durable structure expand versatility and productivity in a variety of applications. PFC (Palm-command Proportional Pressure Control) joystick provides blade control smoothly and stable. Handle fits to hand to allow for more precise control and reduce operator fatigue.

High-rigidity simple main frame structure combined with thick plates and steel castings provide increased reliability and durability. Long track-on-ground with 6 track rollers improves machine stability and grading/dozing performance. Track frames are available in extra-long (XL) or low ground pressure (LGP) configurations.



SPECIFICATIONS

Engine

Engine	WEICHAI WP4
Emission	China-II
Rated rotation	2000rpm
Gross power	82kW(110hp) 74kW(99hp)
Net power	4.5L(274cu in.)
Displacement	4600mm(339in)-H ₁ /1300-1500rpm
Max. torque	

Drive System

Drive system	Independent dual-circuit electric control hydrostatic drive, intelligent matching of speed-load
Traveling speed	Forward 0-9 km/h(5.6 mph) Backward 0-9 km/h(5.6 mph)
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

Operating Weight

ROPS canopy	9850kg(21715lb.)	10300kg(22708lb.)
Cabin	10550kg(23259lb.)	11000kg(24251lb.)

Chassis System

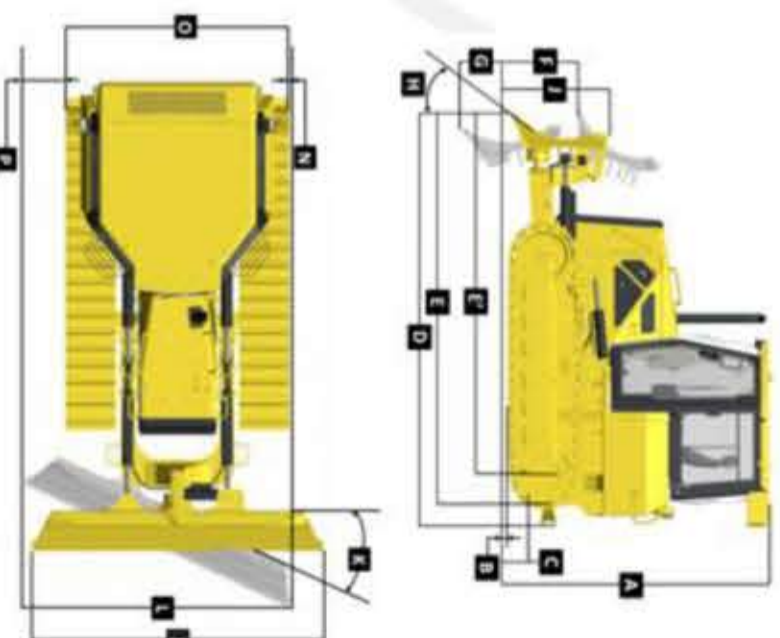
Type	XL	LGP
Track gauge	1650 mm(65 in.)	1790 mm(70 in.)
Width of track shoe	460 mm(18 in.)	610 mm(24 in.)
Track length on ground	2320mm(91in.)	2320mm(91in.)
Number of track shoes	39pcs/single side	39pcs/single side
Ground pressure (standard configuration)	46.1kPa(6.69psi)	35.2kPa(5.11psi)
Pitch	171.45mm(6.75in.)	171.45mm(6.75in.)
Minimum turning radius	3066 mm(120 in.)	3176 mm(125 in.)

Refill Capacity

Fuel capacity	197L(52gal.)
Coolant liquid capacity	19L(5.0gal.)
Engine oil capacity	15L(4gal.)
Hydraulic oil tank	53L(14gal.)
Final drive	5.8L(1.53gal.)/single side

Dimension

	XL	LGP
Blade type	PAT	PAT
Blade capacity	2.32 m ³ (3.03cu yd.)	2.6m ³ (3.4cu yd.)
A Machine height	2885mm(114in.)	2885mm(114in.)
B Track grouser height	50mm(2.0in.)	50mm(2.0in.)
C Ground clearance	340mm(13.4in.)	340mm(13.4in.)
D Machine length (with draw bar)	4442mm(175in.)	4442mm(175in.)
E Machine length (without draw bar)	4427mm(174in.)	4427mm(174in.)
F Length of blade to center of final drive	3892 mm(153 in.)	3892 mm(153 in.)
G Max. lifting height of blade	900mm(35in.)	900mm(35in.)
H Max. digging depth of blade	450mm(17.7in.)	450mm(17.7in.)
I Digging angle of blade	55°±3'(deg.)	55°±3'(deg.)
J Blade width	2860mm(113in.)	3200mm(126in.)
K Blade height	1008mm(39.7in.)	1008mm(39.7in.)
L Max blade turning angle on ground	25'(deg.)	25'(deg.)
M Max turning angle		
N Max tilt height of blade	415mm(16in.)	458mm(18in.)
O Vertical distance from left track shoe outside to blade outside when blade in max turning angle	70mm(2.8in.)	70mm(2.8in.)
P Track shoes outside width	2110mm(83in.)	2420mm(95in.)
Q Vertical distance from right track shoe outside to blade outside when blade in max turning angle	453mm(18in.)	453mm(18in.)



* The specifications are subject to change without notice. The pictures may include options. The actual color & appearance of the product may differ from what is shown.