



# DH17-B3

Crawler Dozer



Engine Model: Weichai WD10G190E214  
Gross Power: 140kW(188hp)@1900rpm  
Operating Weight: XL: 17,980kg

# DH17-B3 SPECIFICATIONS

ENGINE	
Engine	Weichai WD10G190E214
Emission	China-II
Gross power	140kW(188hp)@1800
Net power	127KW(170hp)@1800
Number of cylinder - bore x stroke	6-126mm*130mm
Displacement	9.726L
Max. torque	900Nm@1400-1600rpm
Minimum fuel consumption	Min. fuel consumption external characteristics 194g/kW.h
Cooling system	Mechanic fan

DRIVE SYSTEM	
Drive system	Independent dual-circuit electric control hydrostatic drive, intelligent matching of speed-load, "stepless" variable speed, mono-lever control of travel, speed and steering; steering with load, pivot steering, work flexibly, high efficiency, easy for maintenance
System overflow pressure	4500kPa
Traveling speed, Forward	0~10km/h
Traveling speed, Backward	0~10km/h
Max. theoretical traction force	288.8kN
Steering clutch	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

SCHASSIS SYSTEM	XL	FL	LGP
Type	Pivot, equalizing beam suspended type, semi-rigid structure		
Track shoe type	Single grouser	Single grouser	Wetland type/Single grouser
Track gauge	1880mm	1880mm	2350mm
Width of track shoe	510mm/ 560mm/610mm	560mm/ 510mm/610	1100mm/950mm/ 850mm/ 810mm(Wetland type)
Track grounding length	2675mm	2675mm	2935mm
Track grounding area	27285 cm <sup>2</sup>	29960 cm <sup>2</sup>	64570 cm <sup>2</sup>
Number of track shoe	39 pcs/single side	39 pcs/single side	42pcs/single side
Grounding pressure (standart configuration)	65 kPa	60.9 kPa	30.5 kPa
Number of carrier roller	2 pcs/single side	2 pcs/single side	2 pcs/single side
Number of track roller	7 pcs/single side	7 pcs/single side	7 pcs/single side
Pitch	203mm	203mm	203mm
Minimum turning radius	3745mm	3745mm	3895mm

VOLUME	XL	FL	LGP
Fuel capacity	352 L	352 L	352 L
Coolant liquid capacity	65 L	65 L	65 L
Engine oil capacity	24 L	24 L	24 L
Hydraulic oil tank	85 L	85 L	85 L
Final drive	32L/Single side	32L/Single side	35L/Single side

OPERATING WEIGHT	XL	FL	LGP
Operating weight (standard)	17980kg	18260kg	19690kg

BLADE	XL	FL	LGP
Blade type	Semi-U/straight tilt-blade	Semi-U/straight tilt-blade	Straight tilt-blade
Blade capacity	4.7m <sup>3</sup> /3.6m <sup>3</sup>	4.7m <sup>3</sup> /3.6m <sup>3</sup>	3.8m <sup>3</sup>

DIMENSION	XL	FL	LGP
A Machine height	3154mm	3418mm	3181mm
B Track grouser height	65mm	65mm	101.5mm(Wetland type)
C Ground clearans	410mm	410mm	410mm
D Machine length (without draw bar)	5465mm(Draw bar)/ 6700mm(Ripper)	5465mm(Draw bar)/ 6700mm(Ripper)	5450mm
E Machine length (with draw bar)	5465mm	5465mm	5450mm
F Max. lifting height of blade	1010mm	1010mm	1020mm
G Max. digging depth of blade	520mm	520mm	485mm
H Digging angle of blade	52°±3°(deg.)	52°±3°(deg.)	52°±3°(deg.)
I Blade width	3400mm(semi-U)/ 3388mm(straight tilt)	3400mm(semi-U)/ 3388mm(straight tilt)	4150mm
J Blade height	1200mm(semi-U)/ 1149mm(straight tilt)	1200mm(semi-U)/ 1149mm(straight tilt)	1011mm
O Track shoe outside width	2390mm	2390mm	2590mm

PARAMETRE OF RIPPER	XL	FL	LGP
Type	Three-shank ripper	Three-shank ripper	-
Weight	1493kg	1493kg	-
Max. ripping depth	475mm	475mm	-
Max. lifting height	570mm	570mm	-
Ripper length (at deepest ripping)	1809mm	1809mm	-
Ripper length (at highest ripping)	1671mm	1671mm	-
Ripper width	2082mm	2082mm	-
Departure angle (at highest lifting)	32.1°	32.1°	-
Ripping width	1900mm	1900mm	-
Distance between ripper teeth	950mm	950mm	-

