

SHANTUI

DH17

CRAWLER DOZER



- Engine Model
- Net Power
- Operating Weight
- SEMI U Blade

Weichai WD10G190E214
127kW(127hp)@2200rpm
19223kg
4.7m³

Linde Hydrostatic Travel Drive
electronic control

DH17 SPECIFICATIONS

ENGINE	
Engine	Weichai WD10G190E214
Emission	EURO 2
Rated revolution	1800 rpm
Gross power	140 kW (188 hp)
Net power	127 kW (170 hp)
Displacement	9,726 L
Max. torque	900 Nm @ 1400-1600 rpm
Cooling System	Mechanical fan
Number of cylinder - bore x stroke	6 - 126 x 130 mm
Minimum fuel consumption	External characteristics 194 g/kW.h
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
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System overflow pressure	45000 kPa
Traveling speed	Forward 0~10 km/h Backward 0~10 km/h
Max. theoretical traction force	288,8 kN
Steering	Independent dive 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 reduction

CHASSIS SYSTEM	
Type	Pivot, equalizing beam suspended type, semirigid structure
Track shoe type	Single grouser
Track gauge	1880 mm
Width of track shoe	510 mm
Track grounding length	2885 mm
Track grounding area	27285 cm ²
Number of track shoe	39 pcs/ side
Grounding pressure	65 kPa
Number of carrier roller	2 pcs/ side
Number of track roller	7 pcs/ side
Pitch	203 mm
Minimum turning radius	3745 mm

REFILL CAPACITY	
Fuel capacity	352 L
Coolant liquid capacity	65 L
Engine oil capacity	24 L
Hydraulic oil tank (travel)	85 L
Final drive	32 L/side

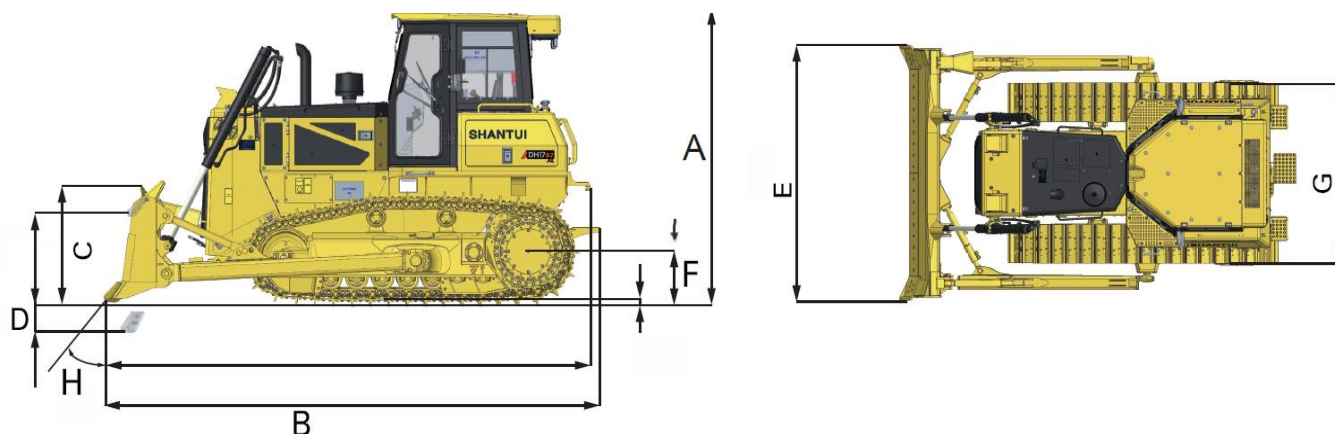
OPERATING WEIGHT	
Machine + ripper	19223 kg

BLADE	
Blade type	Semi-U blade
Blade capacity	4.7 m ³

DIMENSION	
A. Machine height	3260 mm
B. Machine length with blade	6700 mm
C. Blade height	1240 mm
D. Max. digging depth of blade	520 mm
E. Blade width	3400 mm
F. Ground clearance	410 mm
G. Track shoes outside width	2415 mm
H. Digging angle of blade	55°±3° (deg.)
Max. lifting height of blade	1010 mm
Track grouser height	65 mm
Machine length without blade	5600 mm

RIPPER	
Type	Three shank ripper
Weight	1493 kg
Maximum ripping depth	475 mm
Maximum lifting height	570 mm
Ripper length (at deepest ripping)	1809 mm
Ripper length (at highest ripping)	1671 mm
Width	3405 mm
Tilt angle (at highest point)	32.1°
Ripping width	1900 mm
Distance between ripper teeth	950 mm

STANDARD EQUIP	
INTEGRATED ROPS	
REVERSE BUZZLE	
FIRE EXTINGUISHER	
AIR CON	
STROBE LIGHT	
REFLECTIVE TAPES	
CAB FAN	
RADIO	



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