

SHANTUI
AUSTRALIA
POWERED BY **EV CORE**

DH20-B3

Crawler Bulldozer



ENGINE MODEL Weichai WD12G250E202
GROSS POWER 185kW (248hp) @2100rpm
OPERATING WEIGHT 20,500 kg

VALUE THAT WORKS

DH20-B3 TECHNICAL PARAMETERS

ENGINE

Engine	Weichai WD12G250E202
Emission standard	China-II
Rated speed	2100rpm
Gross power	185kW (248hp)
Net power	162kW (217hp)
Piston displacement	11.596L
Maximum Torque	1200N.m/1300-1400rpm

TRANSMISSION SYSTEM

Transmission system	Dual-circuit electronically controlled hydrostatic drive, intelligent matching of load changes
System overflow pressure	45000 KPa
Travel speed	Forward speed: 0-11km/h Reverse speed: 0-11 km/h
Traction force	356kN
Steering clutch	Differential steering of hydraulic motor, pivot steering, load steering
Steering brake	Normally closed brake
FINAL DRIVE	Reduction of single spur gear + single planetary gear

CHASSIS SYSTEM

XL LGP

Type	Semi-rigid suspension structure	Semi-rigid suspension structure
Track form	Single-tooth dry-type	Wet-type
Center distance of crawler	2050 mm	2430 mm
Width of track shoe	560/610 mm	710 mm
Length of track on ground	2980mm	3285 mm
Track grounding area	33376/36356cm ²	60709cm ²
Number of Crawler Sections	45/side	45/side
Specific pressure to ground (equipped with shed)	60.2kPa/55.3kPa	42.4kPa
Number of carrier roller	2/side	2/side
Quantity of thrust wheels	8/side	8/side
Chain rail pitch	203mm	203mm
Minimum turning radius	3910mm	4192mm

MAINTENANCE CAPACITY

XL LGP

Fuel tank capacity	444 L	444 L
Coolant liquid capacity	40 L	40 L
Engine oil capacity	25 L	25 L

Hydraulic fuel tank	115 L	125 L
Final drive	46 L/one side	46 L/one side

OPERATING WEIGHT

XL LGP

Equipped with ROPS shed + traction frame as standard configuration	20500kg	22200kg
Equipped with ROPS shed + ripper	24065kg	—
Equipped with cab + traction frame	-	-
Equipped with cab + ripper	-	-

BLADE

XL LGP

Blade Type	Semi-U /Straight-tilt b	PAT
Blade capacity	6.8m ³ /4.7m ³	5m ³

DIMENSIONS

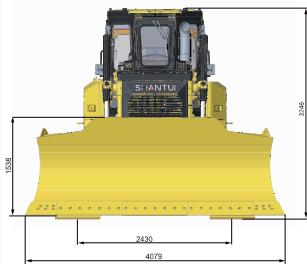
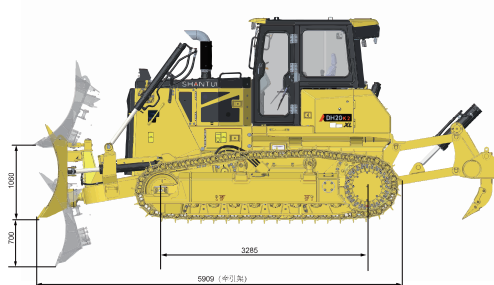
XL LGP

Height of complete machine (excluding ROPS)	3312mm	3246mm
Grouser height	65mm	65mm
Ground clearance	410 mm	410 mm
Overall length of complete machine (including traction frame)	5465 mm	5909 mm
Overall length of complete machine (excluding traction frame)	5583 mm	5909 mm
Maximum Lifting Height of Blade	1070 mm	1060 mm
Maximum penetrating depth of blade	600 mm	700 mm
Inclination angle of blade	55°±3°	55°±3°
Blade length	3709mm	4080mm
Blade height	1307/1517mm	1330mm
Track width at both ends	2660mm	3040mm

RIPPER

XL LGP

Type	Three-shank ripper	Three-shank ripper
Penetrating depth	650 mm	650 mm
Lifting height	620 mm	620 mm
Ripper length (deepest ripping position)	1718 mm	1718 mm
Ripper length (highest lifting position)	1454 mm	1454 mm
Ripper width	2288 mm	2288 mm
Tooth width	2100 mm	2100 mm
Tooth spacing	1050 mm	1050 mm



* THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONAL CONFIGURATION. THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.