

SHANTUI AUSTRALIA

SD17-B3

Crawler Dozer



Engine Model: Weichai WD10G190E214
Gross Power: 140kW(188hp)@1900rpm
Operating Weight: 17,500kg

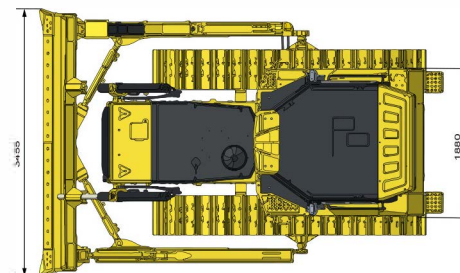
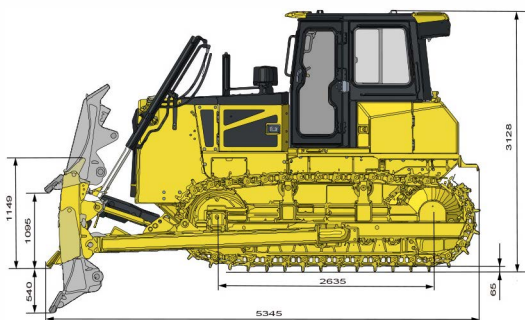
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EVCORE®

SD17-B3 SPECIFICATIONS

ENGINE			
Engine		WEICHAİ WD10G190E214	
Emission		China-III	
Rated revolution		1900rpm	
Gross power		140kW(188hp)@1900rpm	
Net power		127kW(170hp)@1900rpm	
Displacement		9.726L	
Max. torque		900N.m@1400-1600rpm	
Cooling system		Mechanic fan	
DRIVE SYSTEM			
Drive system		Manufactured by SHANTUI, with high working efficiency, low breakdown rate; torqflow transmission, 3 gears forward and 3 gears backward, All steering, direction, and speed changes are made by a left-hand single joystick control.	
Traveling speed	Forward	0~3.5km/h, 0~6.2km/h, 0~10.6km/h	
	Backward	0~4.5km/h, 0~8km/h, 0~13.1km/h	
Max. theoretical traction force		257kN	
Torque converter		3-element, single stage, 1-phase	
Transmission		Electric control, planetary gear and torqflow transmission hydraulically actuated, forced lubrication	
Bevel gear shaft		Spiral bevel gear, single-stage speed reduction, splash lubrication	
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	
CHASSIS SYSTEM		XL	LGP
Type		Swing type of sprayed beam, suspended structure of equalizer bar	
Track shoe type		Single grouser	Wetland type
Track gauge		1880mm	2430mm
Width of track shoe		510mm/560mm/610mm	1100mm/950mm
Track grounding length		2635mm	2935mm
Track grounding area		29512cm²	64570cm²
Number of track shoe		39pcs/single side	42pcs/single side
Grounding pressure (standard configuration)		59kPa	27kPa
Number of carrier roller		2pcs/single side	

Number of track roller	7pcs/side	7pcs/side
Pitch	203mm	
REFILL CAPACITY		
Fuel capacity	338L	
Coolant liquid capacity	56L	
Engine oil capacity	24L	
Hydraulic oil tank	70L	
Transmission	52L	
Drive axle	70L	
Final drive	21L/single side	25L/single side
OPERATING WEIGHT		
Operating weight (standard)	17500kg	19200kg
BLADE		
Blade type	Straight-tilt blade	Straight-tilt blade
Blade capacity	4.5m³	3.8m³
DIMENSION		
Machine height(without ROPS)	3128mm	3128mm
Track grouser height	65mm	101.5
Ground clearance	400mm	400mm
Machine length (without draw bar)	5345mm	5262mm
Max. lifting height of blade	1010mm	1005mm
Max. digging depth of blade	540mm	485mm
Digging angle of blade	55°±3°(deg.)	55°±3°(deg.)
Blade width	3455mm Straight-tilt blade	4150mm
Blade height	1149mm Straight-tilt blade	960mm
Width from end of left track shoe to end of right track shoe (standard)	2440mm	3450mm
RIPPER (THREE-SHANK RIPPER)		
Type	1631kg	
Max. ripping depth	572mm	
Max. lifting height	592mm	
Ripper length (at deepest ripping)	1580mm	
Ripper width	2080mm	
Departure angle (at highest lifting)	32.1°	
Ripping width	1900mm	
Distance between ripper teeth	950mm	



* 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.

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