

# SHANTUI

## SD60-C5

Crawler Dozer

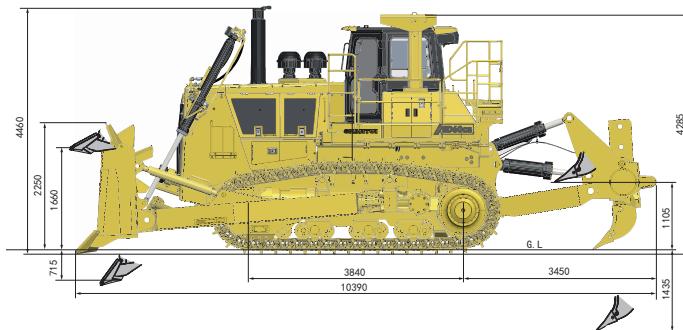
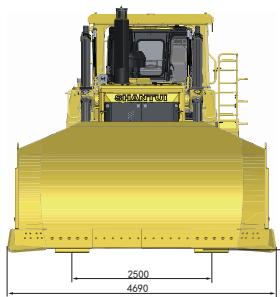


Engine Model: Cummins QSK19  
Gross Power: 450kW(604hp)@1800rpm  
Operating Weight: 70,630kg

Shantui Torqflow Travel Drive  
powershift transmission

# SD60-C5 SPECIFICATIONS

ENGINE		REFILL CAPACITY	
Engine	Cummins QSK19	Fuel capacity	1150L
Emission	China-III	Coolant liquid capacity	122L
Rated revolution	1800rpm	Engine oil capacity	24L
Gross power	450kW(604hp)@1800rpm	Hydraulic oil tank	275L
Net power	438kW(588hp)@1800rpm	Transmission	246L
Number of cylinder-bore×stroke	6-159mm*159mm	Final drive	61L/single side
Displacement	19L	OPERATING WEIGHT	
Max. torque	3019N.m@1300rpm	Standard	70630kg
Cooling system	Smart hydraulic control fan	BLADE	
DRIVE SYSTEM		Blade type	Semi-U blade(heavy duty)
Drive system	Torgflow transmission consists of a water-cooled, 3-element, 1-stage, 1-phase torque converter with lockup clutch and a planetary gear, multiple-disc clutch transmission which is hydraulically-actuated and force-lubricated for optimum heat dissipation. Gearshift lock lever and neutral safety switch help prevent accidental starts.	Blade capacity	18.9m <sup>3</sup>
Traveling speed	Forward 0-3.8/0-6.8/0-11.8km/h Backward 0-5.1/0-9.2/0-15.8km/h	DIMENSION	
Torque converter	3-element, 1-stage, 1-phase with lockup clutch	Machine height (without ROPS)	4370mm
Transmission	Planetary gear, multiple-disc clutch, hydraulically actuated and force-lubricated	Track grouser height	93mm
Steering clutch	Wet, multiple-disc steering clutches are spring-actuated loaded and hydraulically released.	Ground clearance	610mm
Brake clutch	Wet, multiple-disc brakes are spring-actuated and hydraulically released.	Machine length (without draw bar)	10390mm
Final drive	Primary spur gear + primary planetary reduction	Max. lifting height of blade	1660mm
CHASSIS SYSTEM		Max. digging depth of blade	715mm
Type	Oscillation with equalizer bar and forward mounted pivot shafts, unique K-type bogies	Digging angle of blade	55°
Track shoe type	Single grouser	Blade width	4690mm
Track gauge	2500mm	Blade height	2250mm
Width of track shoe	610/710/810mm	Width from end of left track shoe to end of right track shoe (standard)	3110mm
Track grounding length	3840mm	RIPPER	
Track grounding area	46850cm <sup>2</sup>	Type	Single shank ripper
Number of track shoe	40pcs/single side	Weight	3946kg
Grounding pressure (standard configuration)	130.2kPa	Max. ripping depth	1435mm
Number of carrier roller	2pcs/single side	Max. lifting height	1105mm
Number of track roller	7pcs/single side	Ripper length (at deepest ripping)	2928mm
Pitch	280mm	Ripper width	1600mm



\* 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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