

520 HP

SD52DQ

- ▶ Engine model: Cummins QSK19
- ▶ Rated power: 450 kW/1800 rpm
- ▶ Operating weight: 70.6 t(Ripper included)

Product features

The SD52DQ desert bulldozer was developed by Shantui for desert operation equipped with Cummins Q series engine along with US made Cyclon precleaner. The SD52DQ features advanced performance, high reliability, low fuel consumption and convenient maintenance. It also has a large capacity radiator and engine intake pre-filter, allowing the SD52DQ to adapt to high winds and blowing sand, as well as high temperatures, making it suitable for earth moving operations in the desert.



SHANTUI

VALUE THAT WORKS

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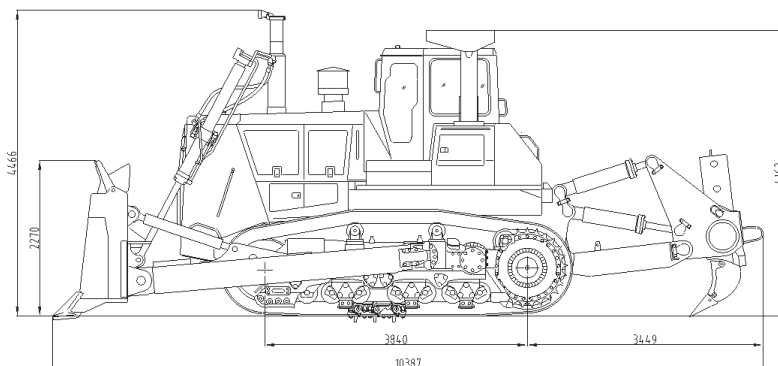
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Technical specifications:

SD52DQ

	ENGINE	Model & type	Cummins QSK19 Four-stroke, in-line, water-cooled electronic control, turbocharged air-air inter cooling diesel engine		
		Rated power	450 kW		
		Number of cylinders	6-159 x 159 mm (bore x stroke)		
		Piston displacement	19 L		
		Operating weight	70.6 t (Ripper included)		
	POWER TRANSMISSION SYSTEM	Torque converter	3-element, 1-stage, 1-phase, torque converter with lockup clutch		
		Transmission	Planetary gear, multiple-disc clutch, hydraulically-actuated and force-lubricated		
		Main drive	Spiral bevel gear single-reduction, splash lubrication.		
		Steering clutch	Level controlled steering clutches. Wet, multiple-disc, spring-loaded, hydraulically released. Steering clutches and brakes are interconnected.		
		Steering brake	Pedal/level controlled steering brake. Wet, multiple-disc, spring-loaded, hydraulically released and normally engaged. Steering clutches and brakes are interconnected.		
		Final drive	Spur and planetary gear sets double-reduction, splash lubrication		
	TRAVEL SPEED	Gear	1st	2nd	3rd
		Forward	0~3.8 km/h	0~6.8 km/h	0~11.8 km/h
		Reverse	0~5.1 km/h	0~9.2 km/h	0~15.8 km/h
	UNDERCARRIAGE SYSTEM	Minimum turning radius	4200 mm		
		Gradeability	30°		
		Stability	35°		
		Track gauge	2500 mm		
		Ground length	3835 mm		
		Min. ground clearance	610 mm		
		Number of carrier rollers	2 (each side)		
		Number of track rollers	7 (each side)		
		Number of carriers	2 (each side)		
		Track type	Master link, single grouser, sealed and lubricated.		
		Width of track shoes	610 mm		
Pitch	280.0 mm				
Number of track shoes	40 (each side)				
	BLADE	Blade type	Semi-U blade(Heavy Duty)		
		Dozing capacity	18.5 m³		
		Blade width	4680 x 2250 mm		
		Maximum drop below ground of blade	715 mm		
		Maximum lift height	1660 mm		
		Maximum tilt	730 mm		
	RIPPER (OPTIONAL)	Ripper type	Single-shank ripper		
		Ripping depth of ripper	1435 mm		
		Lifting height of ripper	1105 mm		

OVERALL DIMENSIONS Semi-U Blade(Heavy Duty)



▶ 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.