

420 HP

SD42DQ

Fierce push force at a friendly cost

- ▶ Engine model: Cummins QSK19
- ▶ Rated power: 340 kW/2000 rpm
- ▶ Operating weight: 54,5 t(Ripper included)

Product features

The SD42DQ desert bulldozer was developed by Shantui for desert operation equipped with Cummins Q series engine along with US made Syclon precleaner. The SD42DQ 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 SD42DQ to adapt to high winds and blowing sand, as well as high temperatures, making it suitable for earth moving operations in the desert.



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SHANTUI

VALUE THAT WORKS

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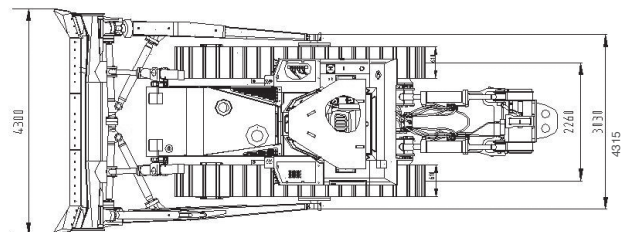
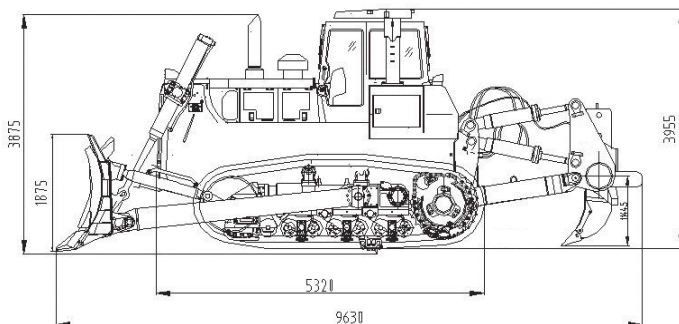
Technical specifications:

Blade Type	Semi-U blade(Heavy duty)
Min. ground clearance:	525 mm
Ground pressure:	0.123 MPa
Gradeability:	30°
Track gauge:	2260 mm

SD42DQ

	ENGINE	Model & type	Cummins QSK19 Four-stroke, in-line, water-cooled electronic control, turbocharged air-air inter cooling diesel engine		
		Rated power	340 kW		
		Number of cylinders	6-150 x 150 mm (bore x stroke)		
		Piston displacement	19 L		
		Operating weight	54.5 t (Ripper included)		
	POWER TRANSMISSION SYSTEM	Torque converter	3-element, 1 stage, 1 phase		
		Transmission	Planetary gear, multi-disc clutch, hydraulically connected, forced lubrication		
		Main drive	Spiral bevel gear, splash lubrication		
		Steering clutch	Wet, multi-disc, spring loaded, hydraulically separated, hydraulic control		
		Steering brake	Wet, floating band, hydraulic control		
		Final drive	1-stage spur gear,1-stage planetary speed reduction, splash lubrication		
	TRAVEL SPEED	Gear	1st	2nd	3rd
		Forward	0~3.7 km/h	0~6.8 km/h	0~12.2 km/h
		Reverse	0~4.4 km/h	0~8.2 km/h	0~14.8 km/h
	UNDERCARRIAGE SYSTEM	Type	K type elastic suspended structure, connection with frame pivot		
		Gradeability	30°		
		Stability	35°		
		Track gauge	2260 mm		
		Ground length	3565 mm		
		Number of carrier rollers	2 (each side)		
		Number of track rollers	7 (each side)		
		Number of track shoes	41 (each side)		
		Track type	Link master, seal, lubricated type		
		Width of track shoes	610 mm		
Pitch	260.35 mm				
	BLADE	Blade type	Semi-U blade(Heavy Duty)		
		Dozing capacity	16 m ³		
		Blade width	4315 x 1875 mm		
		Max. drop below ground of blade	700 mm		
		Maximum lift height	1545 mm		
	RIPPER (OPTIONAL)	Ripper type	Single-shank ripper		
		Ripping depth of ripper	1400 mm		
		Lifting height of ripper	1130 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.