

## SD32DQ

### King of the Desert

- ▶ Engine model: US Original Cummins QSX15
- ▶ Gross power: 291KW
- ▶ Operating weight: 41.3 Tons including Single Ripper

### Product features

The SD32DQ desert bulldozer was developed by Shantui for desert operation equipped with US original Cummins air to air cooling, electronic control engine(Euro-3A Stage) along with US made Syclon precleaner. The SD32DQ features advanced performance, high reliability, low fuel consumption and convenient maintenance. It is equipped with an extended track, reducing ground pressure and giving it excellent maneuverability in the desert. It also has a large capacity radiator and engine intake pre-filter, allowing the SD32DQ 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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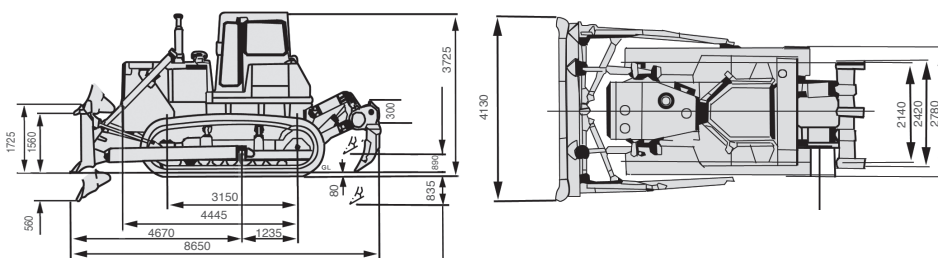
# SD32DQ

## Technical specifications:

Blade Type	Heavy Duty Semi-U
Min. ground clearance:	500 mm
Ground pressure:	0.104MPa
Gradeability:	30°
Track gauge:	2140 mm

	ENGINE	Model & type	US Original Cummins QSX15 Engine In-line, Electronic control, Air to air inter cooling, Turbocharged diesel		
		Gross power	291 kW		
		Number of cylinders	6- 137*169 mm (bore x stroke)		
		Piston displacement	15L		
		Min. fuel consumption	221g/kW-h		
		Maximum torque	1509N·m@1400rpm		
	POWER TRANSMISSION SYSTEM	Torque converter	3-element, 1 stage, 1 phase		
		Transmission	Planetary gear, multi-disc clutch, power shift, forced lubrication		
		Main drive	Spiral bevel gear, splash lubrication, single-stage speed reduction		
		Steering clutch	Wet, multi-disc, spring loaded, hydraulically separated, hydraulic control		
		Steering brake	Wet, floating band, foot brake with hydraulic booster		
		Final drive	2-stage speed reduction of spur gear, splash lubrication		
	TRAVEL SPEED	Gear	1st	2nd	3rd
		Forward	0~3.6 km/h	0~6.6 km/h	0~11.5 km/h
		Reverse	0~4.4 km/h	0~7.8 km/h	0~13.5 km/h
	UNDERCARRIAGE SYSTEM	Type	Heavy duty, Lubricated, Swing type of sprayed beam, suspended structure of equalizer bar		
		Carrier rollers	2 each side		
		Track rollers	7 each side		
		Track type	Assembled, single-grouser		
		Width of track shoes	560 mm		
		Pitch	228.6 mm		
	HYDRAULIC SYSTEM	Maximum pressure	14 MPa		
		Pump type	Gear pump		
		Discharge	355 L/min		
		Bore of working cylinder × no.	140 mm × 2		
	BLADE	Blade type	Heavy Duty Semi-U		
		Dozing capacity	11.9m³		
		Blade width	4030mm		
		Blade height	1725mm		
		Maximum drop below ground	560mm		
		Maximum tilt adjustment	1000mm		
		Weight of blade	4786kg		
	RIPPER (OPTIONAL)	Maximum digging depth of Single shank ripper	1250mm		
		Maximum lift above ground	965mm		
		Weight of single shank ripper	3252kg		

## OVERALL DIMENSIONS Heavy Duty Semi-U blade



► 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.