

320 HP

SD32

High-efficiency push factor

- ▶ Engine model: Cummins NTA855-C360S10
- ▶ Net power: 235 kW/320HP/2000 rpm
- ▶ Operating weight: 37.2 t

Product features

The SD32 provides a showcase for Shantui's prowess with high-efficiency push factors. These medium-sized, but heavy-duty machines designed for earth-moving projects get the biggest, toughest jobs done quickly and efficiently. SD32 are equipped with a hydraulic drive system with hydraulic control technology and an advanced structure, which provide reliable performance and convenient and flexible operation.



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SHANTUI

VALUE THAT WORKS

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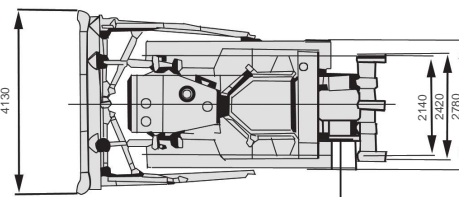
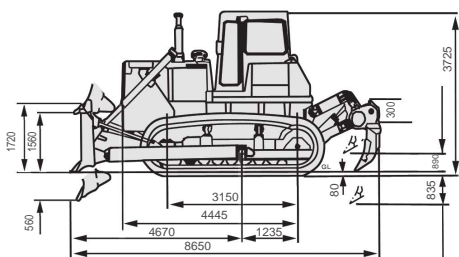
Technical specifications:

Minimum ground clearance: 500 mm	Minimum turning radius: 3.8 m
Operating weight: 37.2 t	Gradeability: 30°
Ground pressure: 0.105 MPa	Track gauge: 2140 mm

SD32

	ENGINE	Model & type	Cummins NTA855-C360S10; In-line, water-cooled, 4-cycle, overhead valve direct injection, turbocharged diesel		
		Rated revolution	2000 rpm		
		Horsepower	Gross power: 257/345/2000 kW/HP/rpm // Net power: 235/320/2000 kW/HP/rpm		
		Cylinder number-bore	6-139.7 x 152.4 (mm x stroke)		
		Piston displacement	14010 ml		
		Min. fuel consumption	245 g/kW-h		
		Maximum torque	1440 N-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	Swing type of sprayed beam, suspended structure of equalizer bar		
		Carrier rollers	2 each side		
		Track rollers	7 each side (single flange 5, double flange 2)		
		Track type	41 each side		
		Width of track shoes	560 mm		
		Pitch	228.6 mm		
	HYDRAULIC SYSTEM	Maximum pressure	14 MPa		
		Pump type	Gear pump		
		Discharge (at revolution of 2000 rpm)	355 (1795 rpm) L/min		
		Bore of working cylinder × no. (double-acting type)	140 mm × 2		
	BLADE	Blade type	Straight-tilt	Angle	Semi-U blade
		Dozing capacity	10 m³	6 m³	11.9 m³
		Efficiency (Theoretical value 40 m)	580 m³/h	350 m³/h	690 m³/h
		Blade width	4130 mm	5000 mm	4130 mm
		Blade height	1590 mm	1140 mm	1710 mm
		Maximum drop below ground	560 mm	630 mm	560 mm
		Maximum tilt adjustment	1000 mm	500 mm	1000 mm
		Weight of blade	4520 kg	4932 kg	4924 kg
	RIPPER (OPTIONAL)	Maximum digging depth of 3-shank ripper	842 mm		
		Maximum lift above ground	883 mm		
		Weight of 3-shank ripper	3802 kg		
		Maximum digging depth of single ripper	1250 mm		
		Maximum lift above ground	965 mm		
		Weight of single ripper	3252 kg		

OVERALL DIMENSIONS Straight-tilt 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.