

320 HP

SD32-5

High-efficiency push factor

- ▶ Engine model: Cummins NTA855-C400S10
- ▶ Rated power : 257 kW/1900 rpm
- ▶ Operating weight: 39 t

Product features

The new SD32-5 features a modular design conducive for ease of maintenance and repair. It has a hydraulic mechanical transmission and state-of-the-art shock absorbers. Its longer tracks create better traction, and the machine is able to perform at higher altitudes up to 3600m. The top-of-the-line hexahedron cab has ergonomic controls for operator ease and a real-time status and diagnostic screen. This machine is best for hard soil excavations, such as for mining, ports, oil fields, water conservation projects and hydropower dams. The "5" stands for fifth generation.



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SHANTUI

VALUE THAT WORKS

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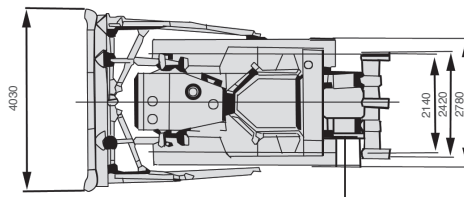
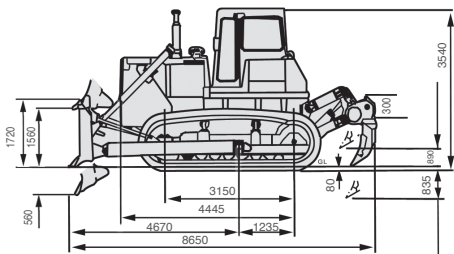
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Technical specifications:

SD32-5

	ENGINE	Model & type	Cummins NTA855-C400S10; In-line, water cooled; 4-cycle, overhead valve direct injection, turbocharged diesel			
		Rated revolution	2000 rpm			
		Rated power	257 kW			
		Cylinder number	6-139.7 x 152.4 mm (bore x stroke)			
		Piston displacement	14.010 L			
		Min. fuel consumption	220 g/kW-h			
		Max. torque	1440 N-m			
	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, single-stage speed reduction			
		Steering clutch	Lubricated, multi-disc, spring loaded, hydraulically separated, hydraulic control			
		Steering brake	Lubricated, floating, direct on-off hydraulic inter-linking operation			
		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	
		Type	Swing type of sprayed beam, suspended structure of equalizer bar			
	UNDERCARRIAGE SYSTEM	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 m ³			
		Blade width	4130 mm			
		Blade height	1590 mm			
		Maximum drop below ground	560 mm			
		Maximum tilt adjustment	>100 mm			
		Weight of blade	5074 kg	5162 kg		5783 kg
	RIPPER (OPTIONAL)	Maximum digging depth of 3-shank ripper	542 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	955 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.