Bulldozer Series

320 HP

SD32-5

High-efficiency push factor

- Engine model: Cummins NTA855-C400S10
- Rated power : 235 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.





SHANTUI

VALUE THAT WORKS

Shantui Construction Machinery Co., Ltd.

ADDRESS:
No. 58, G327 Highway
Jining City, Shandong, CHINA

TEL: +86-537-2909369
FAX: +86-537-2311219
EMAIL: trade@shantui.com

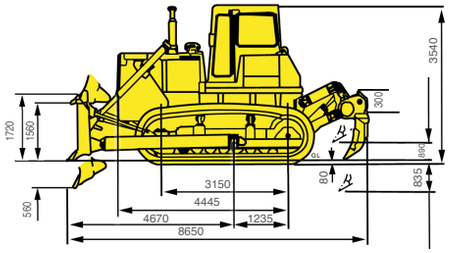
320 HP

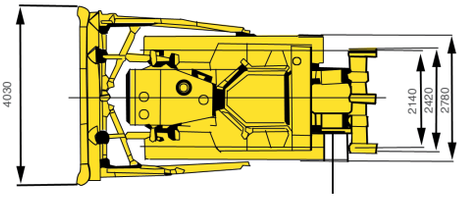
SD32-5

Technical specifications:

ENGINE	Model & type	Cummins NTA855-C400S10; In-line, water cooled; 4-cycle, overhead valve direct injection, turbocharged diesel			
	Rated revolution	2000 rpm			
	Rated power	235 kW			
	Cylinder number	6–139.7 x 152.4 mm (bore x stroke)			
	Piston displacement	14.010 L			
	Min. fuel consumption	217 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	
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 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.

- 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.

WWW.SHANTUI.COM

WWW.SHANTUI.COM