

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. SD32s are equipped with a hydraulic drive system with hydraulic control technology and an advanced structure, which provide reliable performance and convenient and flexible operation.



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°

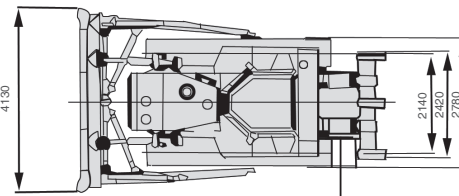
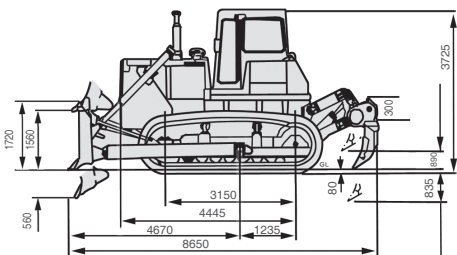
Ground pressure: 0.105 MPa

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 m ³ | 6 m ³ | 11.9 m ³ |
| | | Efficiency (Theoretical value 40 m) | 580 m ³ /h | 350 m ³ /h | 690 m ³ /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.