

420 HP

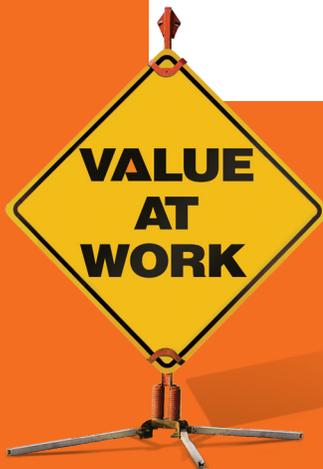
SD42-3

Fierce push force at a friendly cost

- ▶ Engine model: Cummins A19-C525
- ▶ Net power: 313 kW/450 HP/2000 rpm
- ▶ Operating weight: 54.5 t (Ripper included)

Product features

The SD42-3 is a monster machine that challenges the competition head-on with its international class roller suspension and muscular push/pull power. Mainly used in large mine projects, the SD42-3 has the power to adapt to tough working conditions. Top features include single-hand, electronic-control gearshift and steering systems, ROPS and FOPS as well as central pressure measurement, central lubrication and automatic track tensioning.



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SHANTUI

VALUE THAT WORKS

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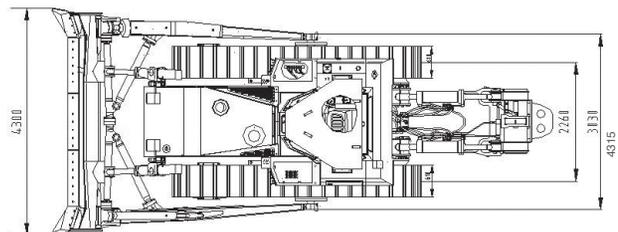
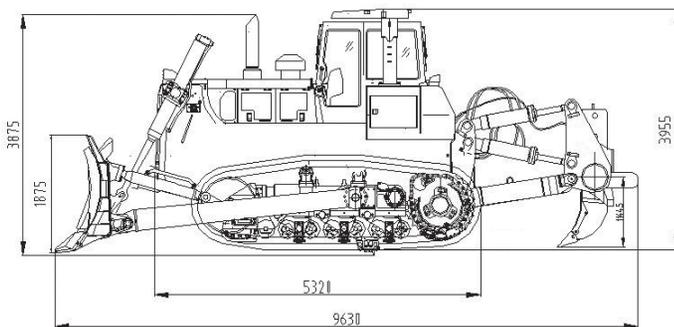
Technical specifications:

| | |
|------------------------|--------------|
| Blade Type | Semi-U blade |
| Min. ground clearance: | 525 mm |
| Ground pressure: | 0.123 MPa |

SD42-3

| | | | | | |
|---|---------------------------|---------------------------------|---|------------|-------------|
|  | ENGINE | Model & type | Cummins A19-C525 , In-line, water-cooled, 4-cycle, turbo charged, intercooled, direct injection | | |
| | | Horsepower | Gross power: 340/450/2000 kW/HP/rpm // Net power: 313/450/2000 kW/HP/rpm | | |
| | | Number of cylinders | 6-150 x 150 mm (bore x stroke) | | |
| | | Piston displacement | 15.9 L | | |
| | | Operating weight | 54.5 t (Ripper included) | | |
|  | 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 | | |
| | | Steering clutch | Wet, multi-disc, spring loaded, hydraulically separated, hydraulic control | | |
| | | Steering brake | Wet, floating band, hydraulic control | | |
| | | Final drive | 1-stage spur gear, 1-stage planetary speed reduction, splash lubrication | | |
|  | TRAVEL SPEED | Gear | 1st | 2nd | 3rd |
| | | Forward | 0~3.7 km/h | 0~6.8 km/h | 0~12.2 km/h |
| | | Reverse | 0~4.4 km/h | 0~8.2 km/h | 0~14.8 km/h |
| | | | | | |
|  | UNDERCARRIAGE SYSTEM | Type | K type elastic suspended structure, connection with frame pivot | | |
| | | Gradeability | 30° | | |
| | | Stability | 35° | | |
| | | Track gauge | 2260 mm | | |
| | | Ground length | 3560 mm | | |
| | | Number of carrier rollers | 2 (each side) | | |
| | | Number of track rollers | 7 (each side) | | |
| | | Number of track shoes | 41 (each side) | | |
| | | Track type | Link master, seal, lubricated type | | |
| | | Width of track shoes | 610 mm | | |
| Pitch | 260.35 mm | | | | |
|  | BLADE | Blade type | Semi-U blade | | |
| | | Dozing capacity | 16 m ³ | | |
| | | Blade width | 4314 x 1875 mm | | |
| | | Max. drop below ground of blade | 700 mm | | |
| | | Maximum lift height | 1545 mm | | |
|  | RIPPER (OPTIONAL) | Ripper type | Single-shank ripper | | |
| | | Ripping depth of ripper | 1400 mm | | |
| | | Lifting height of ripper | 1130 mm | | |

OVERALL DIMENSIONS 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.