Bulldozer

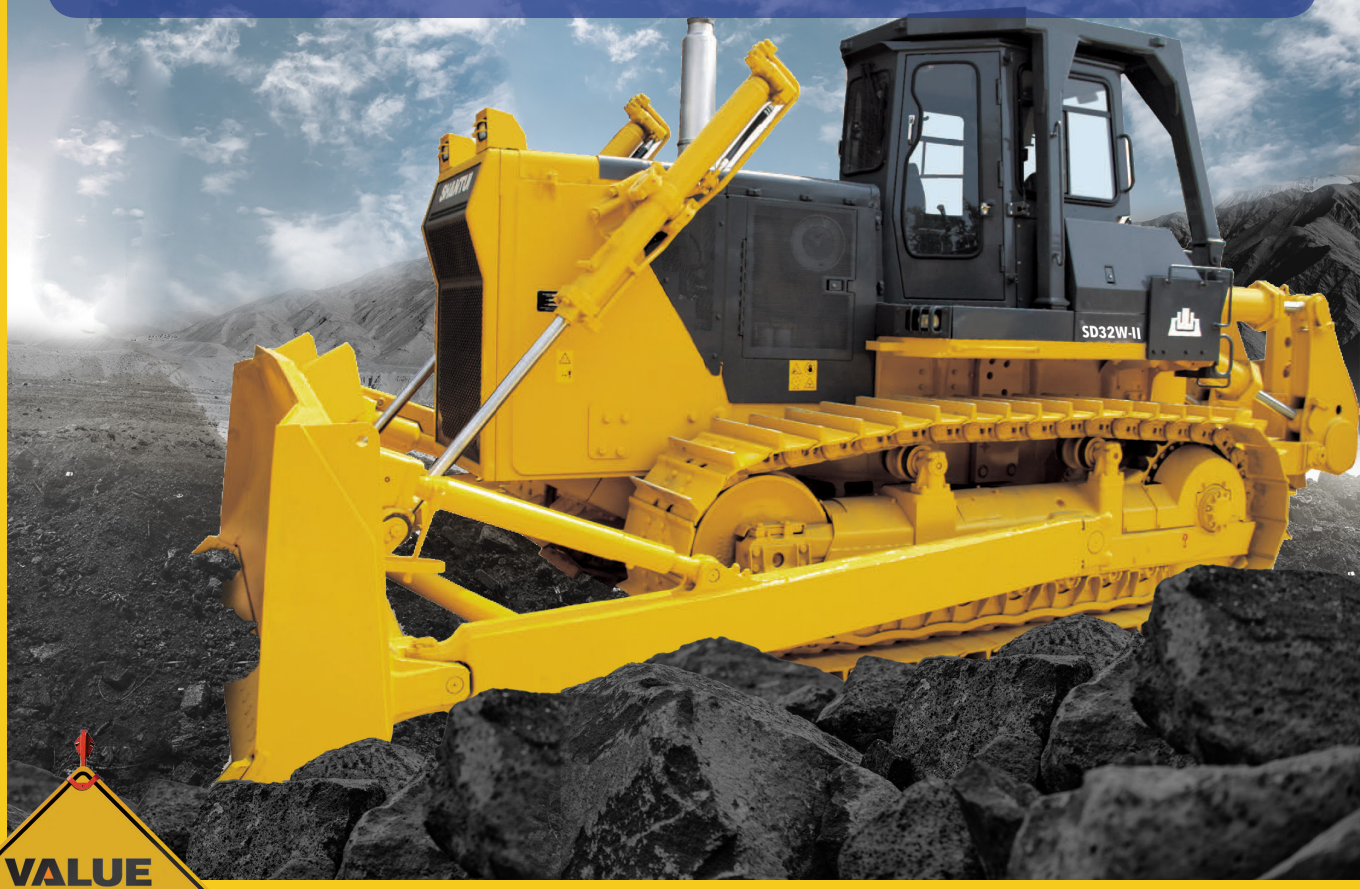
SD32W-II

High efficiency for mining and more

Engine model	: Cummins NTA855-C360S10
Rated power	: 235 kW / 2000 rpm
Operating weight	: 37.2 tons

Product features

The third largest among Shantui's powerful lineup of heavy-duty dozers, the SD32W-II is a beast that really rocks in tough working conditions such as rocky or frozen earth environments. It comes with a rock-type blade and tracks giving it the nimbleness it needs to perform with great efficiency when adapting to such harsh conditions. It is one of our best-selling models for mining uses. It comes equipped with a hydraulic drive system with hydraulic control technology and an advanced structure, which provides reliable performance and convenient and flexible operation.



GM TRACTORS

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VALUE THAT WORKS

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Technical Specification

Minimum ground clearance: 500 mm	Minimum turning radius: 3.8 m
Operating weight: 37.2 t	Gradeability: 30°
Ground pressure: 0.076 MPa	Track gauge: 2140 mm

SD32W-II

ENGINE	Model & type	Cummins NTA855-C360S10; In-line water-cooled; 4-cycle, overhead valve direct injection, turbocharged diesel		
	Rated revolution	2000 rpm		
	Rated power	235 kW / 315 HP		
	Cylinder number-bore	6—139.7 x 152.4 (mm x stroke)		
	Piston displacement	14010 ml		
	Min. fuel consumption	217 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, hydraulically connected, 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, 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 Blade	Semi-U Blade	
	Dozing capacity	10 m^3	11.7 m^3	
	Blade width	4130 mm	4030 mm	
	Blade height	1590 mm	1720 mm	
	Maximum drop below ground	560 mm	560 mm	
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