SD32W-II

High efficiency for mining and more

Engine model Rated power Operating weight

: Cummins NTA855-C360S10 : 235 kW / 2000 rpm : 37.2 tons

Product features

WORK

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.







Head Office

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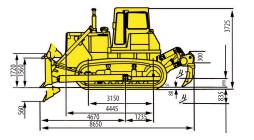
Technical Specification

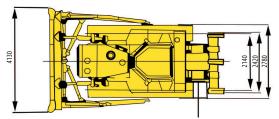
Minimum ground clearance: 500 mm Operating weight: 37.2 t Ground pressure: 0.076 MPa Minimum turning radius: 3.8 m Gradeability: 30° Track gauge: 2140 mm

Bated revolution 2000 rpm Rated power 235 kW / 315 HP Cylinder number-bore 6—139.7 x152.4 (mm x struk=) Piston displacement 1401 ml Min. fuel consumption 217 g/kW-h Maximum torque 1440 Hm @1400 rpm Maximum torque 3-element, 1 stage, 1 phase Torque converter 3-element, 1 stage, 1 phase, 1 phase Main drive Spiral beerd gear, splash lubrication, single-stage speed reduction Sterring Durke Wet, multi-disc, spring load-d, hydraulically connected, for-ut lubrication Min drive Spiral beerd gear, splash lubrication, single-stage speed reduction of Sterring Durke Wet, floating, direct on-off-ty-tzulic inter-linking operation Sterring Drake Wet, floating, direct on-off-ty-tzulic inter-linking operation Final drive 2-stage speed reduction of Spring load-d, hydraulically separated, hydraulically connected, for-ty-tzulic inter-linking operation Broward 0-3.6 km/h 0~15.8 km/h Reverse 0-4.4 km/h 0~73.8 km/h Track tripe Xie ch side Xie ch side Width of track shoes S50 mm Xie ch side Track tripe	ENGINE	Model & type	Cummins NTA855-C360S10; In-line water-cooled; 4-cycle, overhead valve direct injection, turbocharged diesel		
Image: Index number-bare1401 mlPiston displacement1401 mlMin. fuel consumption217 g/kW-hMaximun torque1440 N-mg/1400rpmTorque converter3-element, 1 stage, 1 phaseTransmissionPlanetary gear, multi-disc, durt, hydraulically connected, hor-cel lubricationMain driveSpiral bevel gear, splash lubrication, single-stage speed reductionSteering dutchWet, multi-disc, spring loade-t, hydraulically separated, hydrauliTransmissionPlanetary gear, multi-disc, spring loade-t, hydraulically separated, hydrauliSteering brakeWet, floating, direct on-off hydraulically separated, hydrauliTorque converter2-stage speed reduction of b-c.6 km/hGear1 stConverter0~3.6 km/hProverse0~4.4 km/h0~6.6 km/h0~1.5 km/hReverse0~4.4 km/h0~7.8 km/h0~3.5 km/hTrack rollers2 each sideTrack rollers2 each side (single flange 2)Track rollers2 each side (single flange 2)Track rollers2 each sideTrack rollers2 each side (single flange 2)Track rollers2 each sideVitth of track shoes560 mmPitch228.6 mmPitch228.6 mmPitch228.6 mmDischarge (at revolution of 2000 rpm)355 (1795 rpm) L/minBide typeStraight-Tilt BladeDischarge (at revolution of 2000 rpm)355 (1795 rpm) L/minBide keight10 m³<		Rated revolution	2000 rpm		
Piston displacement 14010 ml Min. fuel consumption 217 g/kW-h Maximum torque 1440 N·m@1400rpm Transmission Planetary gear, multi-disc - tuch, hydraulically connected, for-cel lubrication Min drive Spiral bevel gear, splash lubrication, single-stage speed reduction Stering clutch Wet, multi-disc, spring load=// hydraulically connected, hydraulically control Stering clutch Wet, floating, direct on-off hydraulically separated, hydraulica		Rated power	235 kW / 315 HP		
Min. fuel consumption 217 g/kW-h Maximum torque 1440 N·mo!1400rpm Tarasmission Planetary gear, multi-disc. Lutch, hydraulically connected, forced lubrication Min drive Spial bevel gear, splash lubrication, single-stage speed reduction Min drive Spial bevel gear, splash lubricatiny, single-stage speed reduction of spraye bear, splash lubrication, single-stage speed reduction of peration Steering dutch Wet, floating, direct on-off hubrication Steering brake Wet, floating, direct on-off hubrication Final drive 2-stage speed reduction of >u cars, splash lubrication Steering brake Wet, floating, direct on-off hubrication Final drive 2-stage speed reduction of >u cars, splash lubrication Reverse 0~4.4 km/h 0~7.8 km/h 0~1.5 km/h Reverse 0~4.4 km/h 0~7.8 km/h 0~1.5 km/h Track rollers 2 each side Track rollers 2 each side Track rollers 2 each side Track rollers 14 MPa With of track shoes 560 mm Sti (1795 rpm) L/min Pitch 28.6 mm Sti (1795 rpm) L/min Discharge (at revolution of 2000 rpm)		Cylinder number-bore	6—139.7 x 152.4 (mm x stroke)		
Maximum torque 1440 M-m@1400rpm Base Transmission 91anetary gear, multi-disc.dutch, hydraulically connected, forced lubrication Main drive Spiral beerl gear, splash lubi-iction, single-stage speed reduction Steering dutch Wet, multi-disc, spring load-ut, hydraulically connected, hydraulic Steering dutch Wet, multi-disc, spring load-ut, hydraulically separated, hydraulic Steering dutch Wet, multi-disc, spring load-ut, hydraulically separated, hydraulic Steering Drake Wet, floating, direct on-off b-ut-rulic inter-linking operation Final drive 2 stage speed reduction of Surger, splash lubrication Steering Drake Wet, floating, direct on-off b-ut-rulic inter-linking operation Final drive 2 stage speed reduction of Surger 3rd Gear 1st 2nd 3rd Reverse 0~-3.6 km/h 0~-13.8 km/h 0-13.5 km/h Reverse 0~-4.4 km/h 0~-7.8 km/h 0~-13.5 km/h Track rollers 2 each side I I Track rollers 2 each side I I Track rollers 2 660 mm I <thi< th=""> I</thi<>		Piston displacement	14010 ml		
Motion of the second		Min. fuel consumption	217 g/kW·h		
Note Planetary gear, multi-disc, dutch, hydraulically connected, forced lubrication Main drive Spiral bevel gear, splash lubrication, single-stage speed reduction Steering dutch Wet, multi-disc, spring loaded, hydraulically separated, hydraulicaly separated, hydraulicaly separated, hydraulically sep		Maximum torque	1440 N·m@1400rpm		
Big O SectionAdmin driveSpiral bevel gear, splash lubrication, single-stage speed reduction of totalically separated, hydraulically separated, hydraulical	POWER TRANSMISSION SYSTEM	Torque converter	3-element, 1 stage, 1 phase		
Decemp shake International metric maning operation Final drive 2-stage speed reduction of spurgear, splash lubrication Bit drive 2-stage speed reduction of spurgear, splash lubrication Bit drive 2-stage speed reduction of spurgear, splash lubrication Bit drive 2-stage speed reduction of spurgear, splash lubrication Bit drive 2-stage speed reduction of sprayed beam, suspended structure of equalizer to a side (single flange 5, double flange 2) Track rollers 7 each side (single flange 5, double flange 2) Track rollers Track rollers 7 each side (single flange 5, double flange 2) Track rollers Track rollers 560 mm Pitch 228.6 mm Discharge (at revolution of 2000 rpm) 228.6 mm 14 MPa Maximum pressure 14 MPa Structure Discharge (at revolution of 2000 rpm) 355 (1795 rpm) L/min Structure Bade type Straight-Tilt Blade Semi-U Blade Structure Discharge (at revolution of 2000 rpm) 10m² 11.7 m² Structure Bade type Straight-Tilt Blade Semi-U Blade Structure Blade type Straight-Tilt Blade <td>Transmission</td> <td colspan="3">Planetary gear, multi-disc clutch, hydraulically connected, forced lubrication</td>		Transmission	Planetary gear, multi-disc clutch, hydraulically connected, forced lubrication		
Decemp shake International metric maning operation Final drive 2-stage speed reduction of spurgear, splash lubrication Bit drive 2-stage speed reduction of spurgear, splash lubrication Bit drive 2-stage speed reduction of spurgear, splash lubrication Bit drive 2-stage speed reduction of spurgear, splash lubrication Bit drive 2-stage speed reduction of sprayed beam, suspended structure of equalizer to a side (single flange 5, double flange 2) Track rollers 7 each side (single flange 5, double flange 2) Track rollers Track rollers 7 each side (single flange 5, double flange 2) Track rollers Track rollers 560 mm Pitch 228.6 mm Discharge (at revolution of 2000 rpm) 228.6 mm 14 MPa Maximum pressure 14 MPa Structure Discharge (at revolution of 2000 rpm) 355 (1795 rpm) L/min Structure Bade type Straight-Tilt Blade Semi-U Blade Structure Discharge (at revolution of 2000 rpm) 10m² 11.7 m² Structure Bade type Straight-Tilt Blade Semi-U Blade Structure Blade type Straight-Tilt Blade <td>Main drive</td> <td colspan="3">Spiral bevel gear, splash lubrication, single-stage speed reduction</td>		Main drive	Spiral bevel gear, splash lubrication, single-stage speed reduction		
Decemp shake International metric maning operation Final drive 2-stage speed reduction of spurgear, splash lubrication Bit drive 2-stage speed reduction of spurgear, splash lubrication Bit drive 2-stage speed reduction of spurgear, splash lubrication Bit drive 2-stage speed reduction of spurgear, splash lubrication Bit drive 2-stage speed reduction of sprayed beam, suspended structure of equalizer to a side (single flange 5, double flange 2) Track rollers 7 each side (single flange 5, double flange 2) Track rollers Track rollers 7 each side (single flange 5, double flange 2) Track rollers Track rollers 560 mm Pitch 228.6 mm Discharge (at revolution of 2000 rpm) 228.6 mm 14 MPa Maximum pressure 14 MPa Structure Discharge (at revolution of 2000 rpm) 355 (1795 rpm) L/min Structure Bade type Straight-Tilt Blade Semi-U Blade Structure Discharge (at revolution of 2000 rpm) 10m² 11.7 m² Structure Bade type Straight-Tilt Blade Semi-U Blade Structure Blade type Straight-Tilt Blade <td>Steering clutch</td> <td colspan="3">Wet, multi-disc, spring loaded, hydraulically separated, hydraulic control</td>		Steering clutch	Wet, multi-disc, spring loaded, hydraulically separated, hydraulic control		
Gear1st2nd3rdForward0~3.6 km/h0~6.6 km/h0~11.5 km/hReverse0~4.4 km/h0~7.8 km/h0~13.5 km/hTypeSwing type of sprayed beam, suspended structure of equalizer barCarrier rollers2 each sideTrack rollers2 each sideTrack type41 each sideWidth of track shoes560 mmPitch228.6 mmPump typeMaximum pressure14 MPaPump typeGear pumpDischarge (at revolution of 2000 rpm)355 (1795 rpm) L/minBade typeStraight-Tilt BladeBlade typeStraight-Tilt BladeBlade height110 m³Blade height1590 mmBlade height1590 mmTop mm		Steering brake			
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 0~13.5 km/h Type Swing type of sprayed beam, suspended structure of equalizer bar Carrier rollers 2 each side Track rollers 7 each side (single flange 5, duble flange 2) Track type 41 each side Track type 41 each side Track type 41 each side Pitch 228.6 mm S60 mm S000 mp Pitch 228.6 mm S55 (1795 rpm) L/min S55 (1795 rpm) L/min Bicharge (at revolution of 2000 rpm) S55 (1795 rpm) L/min S55 (1795 rpm) L/min Bore of working cylinder × no. (doub) + acting type) 140 mm × 2 S55 (1795 rpm) L/min Bilade type Straight-Tilt Blade Semi-U Blade Semi-U Blade Dozing capacity 10 m³ 11.7 m³ Semi-U Blade Blade width 130 mm 4030 mm S60 mm Blade height 1590 mm 1720 mm S60 mm		Final drive	2-stage speed reduction of spur gear, splash lubrication		
Reverse0~4.4 km/h0~7.8 km/h0~13.5 km/hImage: Second Sec	TRAVEL SPEED	Gear	1st	2nd	3rd
Reverse0~4.4 km/h0~7.8 km/h0~13.5 km/hImage: Second Sec		Forward	0~3.6 km/h	0~6.6 km/h	0~11.5 km/h
Provide Signame2 each sideTrack rollers7 each side (single flange 5, duble flange 2)Track type41 each sideWidth of track shoes560 mmPitch228.6 mmMaximum pressure14 MPaPump typeGear pumpDischarge (at revolution of 2000 rpm)355 (1795 rpm) L/minBore of working cylinder × no. (doubte acting type)140 mm × 2Blade typeStraight-Tilt BladeSemi-U BladeDozing capacity10 m³11.7 m³Blade width1590 mm4030 mmBlade height1590 mm560 mm		Reverse	0~4.4 km/h	0~7.8 km/h	0~13.5 km/h
Maximum pressure 14 each side (single flange 5, double flange 2) Track type 41 each side Width of track shoes 560 mm Pitch 228.6 mm 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 type Straight-Tilt Blade Dozing capacity 10 m³ 11.7 m³ Blade width 4130 mm 4030 mm Blade height 1590 mm 1720 mm		Туре	Swing type of sprayed beam, suspended structure of equalizer bar		
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 type Straight-Tilt Blade Semi-U Blade Dozing capacity 10 m³ 11.7 m³ Blade width 4130 mm 4030 mm Blade height 1590 mm 1720 mm Maximum drop below ground 560 mm 560 mm	AGE	Carrier rollers	2 each side		
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 type Straight-Tilt Blade Semi-U Blade Dozing capacity 10 m³ 11.7 m³ Blade width 4130 mm 4030 mm Blade height 1590 mm 1720 mm Maximum drop below ground 560 mm 560 mm	ARRI. TEM	Track rollers	7 each side (single flange 5, double flange 2)		
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 type Straight-Tilt Blade Semi-U Blade Dozing capacity 10 m³ 11.7 m³ Blade width 4130 mm 4030 mm Blade height 1590 mm 1720 mm Maximum drop below ground 560 mm 560 mm	DERC SYS	Track type	41 each side		
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 Dozing capacity 10 m³ 11.7 m³ Blade type 500 mm 4030 mm Blade width 4130 mm 4030 mm Maximum drop below ground 560 mm 560 mm	NN	Width of track shoes	560 mm		
Big Big Straight-Tilt Blade Semi-U Blade Dozing capacity 10 m³ 11.7 m³ Blade width 4130 mm 4030 mm Blade height 1590 mm 1720 mm Maximum drop below ground 560 mm 560 mm		Pitch	228.6 mm		
Bore of working cylinder × no. (double-acting type) 140 mm × 2 Blade type Straight-Tilt Blade Semi-U Blade Dozing capacity 10 m³ 11.7 m³ Blade width 4130 mm 4030 mm Blade height 1590 mm 1720 mm Maximum drop below ground 560 mm 560 mm	HYDRAULIC SYSTEM	Maximum pressure		14 MPa	
Bore of working cylinder × no. (double-acting type) 140 mm × 2 Blade type Straight-Tilt Blade Semi-U Blade Dozing capacity 10 m³ 11.7 m³ Blade width 4130 mm 4030 mm Blade height 1590 mm 1720 mm Maximum drop below ground 560 mm 560 mm		Pump type		Gear pump	
Blade type Straight-Tilt Blade Semi-U Blade Dozing capacity 10 m³ 11.7 m³ Blade width 4130 mm 4030 mm Blade height 1590 mm 1720 mm Maximum drop below ground 560 mm 560 mm		Discharge (at revolution of 2000 rpm)		355 (1795 rpm) L/min	
Dozing capacity 10 m³ 11.7 m³ Blade width 4130 mm 4030 mm Blade height 1590 mm 1720 mm Maximum drop below ground 560 mm 560 mm		Bore of working cylinder $\times \mathrm{no.} (\mathrm{double}\text{-}\mathrm{acting} \mathrm{type})$		140 mm × 2	
Blade width 4130 mm 4030 mm Blade height 1590 mm 1720 mm Maximum drop below ground 560 mm 560 mm	BLADE	Blade type	Straight-Tilt Blade	Semi-U Blade	
Blade height 1590 mm 1720 mm Maximum drop below ground 560 mm 560 mm		Dozing capacity	10 m ³	11.7 m ³	
Blade height 1590 mm 1720 mm Maximum drop below ground 560 mm 560 mm		Blade width	4130 mm	4030 mm	
		Blade height	1590 mm	1720 mm	
Maximum digging doubt of 2 should give a constrained and a const		Maximum drop below ground	560 mm	560 mm	
Maximum digging depth of 3-shank ripper 842 mm	RIPPER (OPTIONAL)	Maximum digging depth of 3-shank ripper		842 mm	
Aximum lift above ground 883 mm		Maximum lift above ground		883 mm	
Weight of 3-shank ripper 3802 kg		Weight of 3-shank ripper		3802 kg	
Maximum digging depth of single ripper 1250 mm		Maximum digging depth of single ripper		1250 mm	
Maximum lift above ground 965 mm		Maximum lift above ground		965 mm	
Weight of single ripper 3252 kg		Weight of single ripper		3252 kg	

SD32W-II

OVERALL DIMENSIONS





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.

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