Shifter Series

320 HP

SS32D

High-efficiency Conveyor Belt Shifter

- Engine model: Cummins NTA855-C360S10
- Rated power: 235 kW/2000 rpm
- Operating weight: 40.7 t

Product features

Shantui track-type conveyor belt shifter is developed to move and shift the conveyor belt in the mining industry. Balance weight is fixed-type and without amplitude of variation, working device is controlled by servo valve, the rise and drop of the mechanical shifting device(rail clamping device) is by the single cylinder on top of the cabin.





SHANTUI
VALUE THAT WORKS

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Technical specifications:

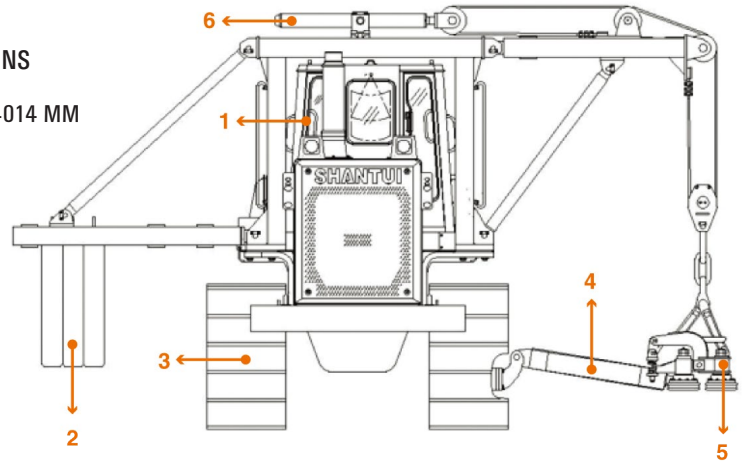
Minimum ground clearance: 500 mm	Minimum turning radius: 4.965 m
Operating weight: 40.7 t	Gradeability: 30°
Ground pressure: 0.083 MPa	Track gauge: 2140 mm

SS32D

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			
	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	710 mm			
	Pitch	228.85 mm			
HYDRAULIC SYSTEM	Maximum pressure				14 MPa
	Pump type				Gear pump
	Discharge (at revolution of 2000 rpm)				355 (2000 rpm) L/min
	Bore of working cylinder × no. (double-acting type)				120 mm × 1
Shifting Devic	Type	Fixed balance weight, manually, hydraulic lifting			
	Qty of balance weight	3			
	Qty of roller	4			
	Diameter of wirerope	20mm			
	Rated lifting height	1000mm(from ground surface)			
	Rated lifting weight	16tons			
	Move distance per time	800mm			

OVERALL DIMENSIONS

LxWxH: 5792x6978x4014 MM



1:Cabin
2:Balance weight
3:Undercarriage
4:Shifting frame
5:Shifting device
6:Cylinder

► 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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