

320 HP

## SS32D

### High-efficiency Conveyor Belt Shifter

- ▶ Engine model: Original Cummins QSX15
- ▶ Engine power: 291 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 e-shop

# SHANTUI

VALUE THAT WORKS

Shantui Construction Machinery Co., Ltd.

ADDRESS:  
No. 58, G327 Highway  
Jining City, Shandong, CHINA

TEL: +86-537-2909369  
FAX: +86-537-2311219  
EMAIL: trade@shantui.com

320 HP

# SS32D

## 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

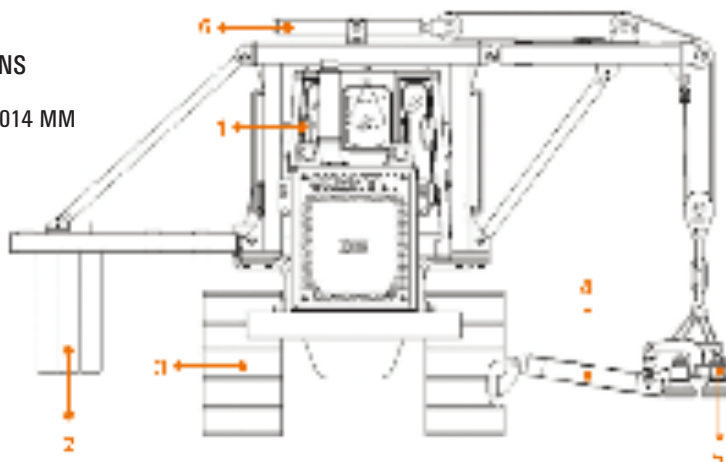
SS32D

	ENGINE	Model & type	Original Cummins QSX15 Engine In-line, Electronic control, Air to air inter cooling, Turbocharged diesel		
		Rated revolution	2000 rpm		
		Engine power	291 kW		
		Cylinder number-bore	6-137 x 169 (mm x stroke)		
		Piston displacement	15l		
		Min. fuel consumption	221 g/kW-h		
		Maximum torque	1509 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
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 Device	Type	Fixed balance weight, manually, hydraulic lifting		
		Qty of balance weight	3		
		Qty of roller	4		
		Diameter of wire rope	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.

WWW.SHANTUI.COM