

320 HP, EURO STAGE IV

SD32-5

High-efficiency push factor

- ▶ Engine model: Cummins QSG12
- ▶ Rated power : 280 kW/1900 rpm
- ▶ Operating weight: 39 t

Product features

The new SD32-5 features a modular design conducive for ease of maintenance and repair. It has a hydraulic mechanical transmission and state-of-the-art shock absorbers. Its longer tracks create better traction, and the machine is able to perform at higher altitudes up to 3600m. The top-of-the-line hexahedron cab has ergonomic controls for operator ease and a real-time status and diagnostic screen. This machine is best for hard soil excavations, such as for mining, ports, oil fields, water conservation projects and hydropower dams. The "5" stands for fifth generation.



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VALUE THAT WORKS

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320 HP SD32-5

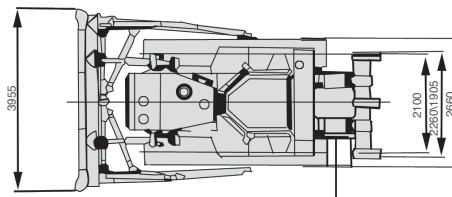
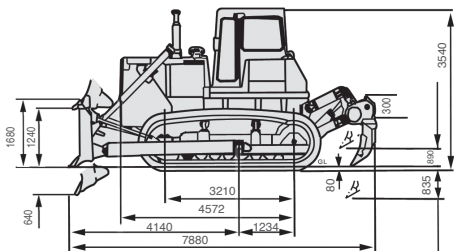
Technical specifications:

Blade Type	Heavy Duty Semi-U
Min. ground clearance:	485 mm
Ground pressure:	0.107 MPa
Minimum turning radius:	3.8 m
Gradeability:	30°
Track gauge:	2100 mm

SD32-5

	ENGINE	Model	Cummins QSG12; In-line, water cooled 4-stroke turbocharged diesel air to air-cooled electronic control engine conform Euro Stage IV emission standards		
		Rated revolution	1900 rpm		
		Rated power	280KW/1900 rpm		
		Cylinder number	6-132 x 144 mm (bore x stroke)		
		Piston displacement	14 L		
		Min. fuel consumption	195 g/kW-h		
		Max. torque	1830Nm/1400 rpm		
	POWER TRANSMISSION SYSTEM	Torque converter	3-element, 1 stage, 1 phase, automatic lock-up		
		Transmission	Planetary gear, multi-disc clutch, hydraulically connected, forced lubrication, automatic hydroshift		
		Main drive	Spiral bevel gear, splash lubrication, single-stage speed reduction		
		Steering clutch	Lubricated, multi-disc, spring loaded, hydraulically separated, hydraulic control		
		Steering brake	Lubricated, multi-disc, spring loaded, hydraulically separated, hydraulic control, normally closed braking system		
		Final drive	2-stage speed reduction of spur gear, splash lubrication		
			TRAVEL SPEED	Gear	1st
Forward	0~3.7 km/h			0~6.7 km/h	0~11.0 km/h
Reverse	0~5.0 km/h			0~8.2 km/h	0~13.9 km/h
	UNDERCARRIAGE SYSTEM			Type	Oscillating equalizer bar and pivot shaft
		Carrier rollers	2 each side		
		Track rollers	6 each side (single flange 4, double flange 2)		
		Track type	41 each side		
		Width of track shoes	560 mm		
		Pitch	228.6 mm		
	HYDRAULIC SYSTEM	Maximum pressure	20.6 MPa		
		Pump type	Gear pump		
		Discharge (at revolution of 2000 rpm)	234 L/min		
		Bore of working cylinder (Internal Bore Diameter/External Bore Diameter) × no.	120 mm × 2		
	BLADE	Blade type	Semi-U blade		
		Dozing capacity	11.7 m ³		
		Blade width	3955 mm		
		Blade height	1680 mm		
		Maximum drop below ground	589 mm		
		Maximum tilt adjustment	656 mm		
		Weight of blade	4420 kg		
	RIPPER (OPTIONAL)	Maximum digging depth of 3-shank ripper	606 mm		
		Maximum lift above ground	938 mm		
		Weight of 3-shank ripper	3338 kg		
		Maximum digging depth of single ripper	596 mm		
		Maximum lift above ground	940 mm		
		Weight of single ripper	2626 kg		

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.