

SD90-5

Our Mega-dozer!

- ▶ Engine model: Cummins QST30
- ▶ Gross Power: 708kW/950HP@2100rpm
- ▶ Net Power: 661kW/900H@2100rpm;
- ▶ Operating weight: 106.2 t (Ripper included)

Product features

SD90-5 crawler bulldozer is a high-efficiency high-power earth-moving machine designed and developed in response to the market demands, which achieved multiple technologic breakthroughs in terms of overall matching, thermal management system, and modular design. This product is applicable for the earthworks for large projects such as mines and water conservancy projects. This equipment can adapt to more severe working environment and fulfill the works that can't be substituted by other middle-sized and small-sized equipment and is an essential mechanical equipment for the construction of mines and water conservancy projects.



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VALUE THAT WORKS

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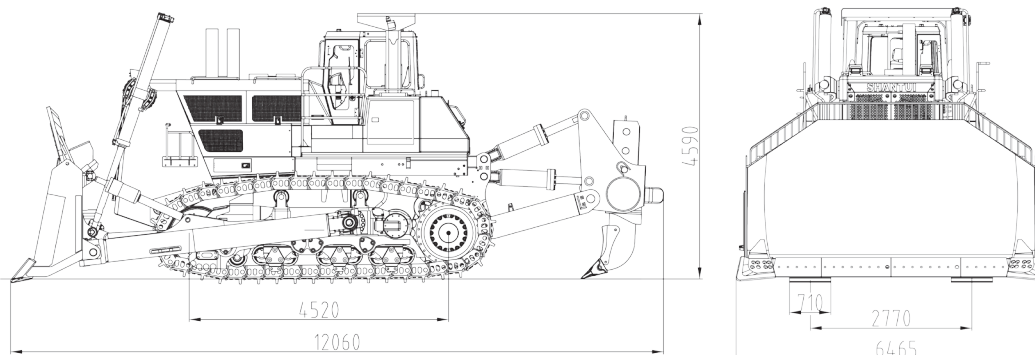
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Technical specifications:

SD90-5

	ENGINE	Model & type	Cummins QST30 , 4 stroke, 12 cylinder, water-cooled, turbocharged, V, direct injection, electronic control diesel engineering diesel engine		
		Horsepower	Gross: 708kW/950HP@2100rpm; Net: 671kW/900HP@2100rpm		
		Number of cylinders	12-140 x 165 mm (bore x stroke)		
		Piston displacement	30.5 L		
		Operating weight	106.2 t (Ripper included)		
	POWER TRANSMISSION SYSTEM	Torque converter	3-element, 1-stage, torque converter with lockup clutch		
		Transmission	Planetary gear, multiple-disc clutch, hydraulically-actuated and force-lubricated, three forward and reverse.		
		Main drive	First class spur gear		
		Steering clutch	Wet, multi plate spring press, hydraulic separation, normally closed		
		Steering brake	Wet, multi plate spring press, hydraulic separation, normally closed		
		Final drive	First class spur gear, first stage planetary gear reduction		
			TRAVEL SPEED	Gear	1st
Forward	0~3.5 km/h			0~6.3 km/h	0~10.9 km/h
Reverse	0~4.7 km/h			0~8.4 km/h	0~14.3 km/h
	UNDERCARRIAGE SYSTEM			Minimum turning radius	4200 mm
		Gradeability	30°		
		Stability	35°		
		Track gauge	2770 mm		
		Ground length/Ground pressure	4520/0.147 mm/MPa		
		Min. ground clearance	655 mm		
		Number of carrier rollers	2 (each side)		
		Number of track rollers	7 (each side)		
		Number of carriers	2 (each side)		
		Track type	Master link, single grouser, sealed and lubricated.		
		Width of track shoes	710 mm		
		Pitch	317.5 mm		
		Number of track shoes	41 (each side)		
	BLADE	Blade type	Semi-U blade		
		Dozing capacity	39 m ³		
		Blade width	5265 x 2690 mm		
		Maximum drop below ground of blade	1010 mm		
		Maximum lift height	1620 mm		
		Maximum tilt	1290 mm		
	RIPPER (OPTIONAL)	Ripper type	Single-shank ripper		
		Ripping depth of ripper	1670 mm		
		Lifting height of ripper	1300 mm		

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.