Bulldozer Series

520 HP

SD52-5

Our Mega-dozer!

- Engine model: Cummins QSK19
- Rated power: 392 kW/1800 rpm
- Operating weight: 67.5 t

Product features

The SD52-5 is the largest bulldozer ever produced in China. You've got to see its size and power with your own eyes to believe it! SD52-5 features modular design for easy disassembly and speedy repair. Its powerful air-cooled, electronically control low fuel consumption engine complies with Euro III emission standards and delivers world-class fail-safe systems testing, noise isolation, control and comfort features for operator safety and productivity.





SHANTUI
VALUE THAT WORKS

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520 HP

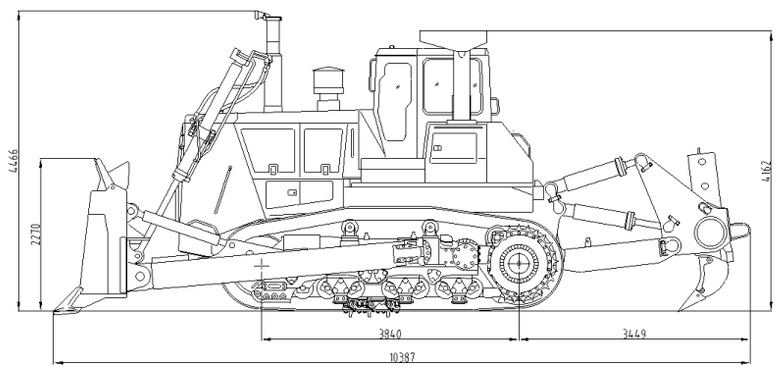
SD52-5

Technical specifications:

ENGINE	Model & type	Cummins QSK19 Four-stroke, in-line, water-cooled electronic control, turbocharged air-air inter cooling diesel engine	
	Rated power	392 kW	
	Number of cylinders	6–159 x 159 mm (bore x stroke)	
	Piston displacement	19 L	
	Operating weight	67.5 t (Ripper included)	
POWER TRANSMISSION SYSTEM	Torque converter	3-element, 1-stage, 1-phase, torque converter with lockup clutch	
	Transmission	Planetary gear, multiple-disc clutch, hydraulically-actuated and force-lubricated	
	Main drive	Spiral bevel gear single-reduction, splash lubrication.	
	Steering clutch	Level controlled steering clutches. Wet, multiple-disc, spring-loaded, hydraulically released. Steering clutches and brakes are interconnected.	
	Steering brake	Pedal/level controlled steering brake. Wet, multiple-disc, spring-loaded, hydraulically released and normally engaged. Steering clutches and brakes are interconnected.	
	Final drive	Spur and planetary gear sets double-reduction, splash lubrication	
TRAVEL SPEED	Gear	1st	2nd	3rd
	Forward	0~3.8 km/h	0~6.8 km/h	0~11.8 km/h
	Reverse	0~5.1 km/h	0~9.2 km/h	0~15.8 km/h
UNDERCARRIAGE SYSTEM	Minimum turning radius	4200 mm		
	Gradeability	30°		
	Stability	35°		
	Track gauge	2500 mm		
	Ground length	3940 mm		
	Min. ground clearance	609 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	610 mm		
	Pitch	280.0 mm		
	Number of track shoes	40 (each side)		
BLADE	Blade type			Semi-U blade
	Dozing capacity			18.5 m^3
	Blade width			4680 x 2260 mm
	Maximum drop below ground of blade			720 mm
	Maximum lift height			1860 mm
	Maximum tilt			730 mm
RIPPER (OPTIONAL)	Ripper type			Single-shank ripper
	Ripping depth of ripper			1435 mm
	Lifting height of ripper			1105 mm

SD52-5

OVERALL DIMENSIONS Semi-U Blade



► THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONS. THE ACTUAL APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.