

200 HP

## SD20-5

More power, greater efficiency

- ▶ Engine model: Weichai WD12G220E23
- ▶ Rated power: 149 kW/1950 rpm
- ▶ Operating weight: 23.0 t



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# SHANTUI

VALUE THAT WORKS

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200 HP

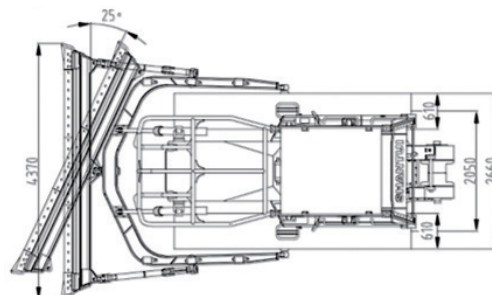
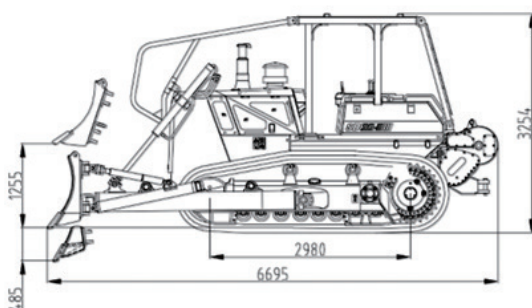
## SD20-5

## Technical specifications:

Blade Type	Angle
Min. ground clearance:	400 mm
Ground pressure:	0.063 MPa
Min. turning radius:	3.4 m
Gradeability:	30°
Track gauge:	2050 mm

	ENGINE	Model & type	Weichai WD12G220E23, In-line, water cooled, 4-cycle, overhead valve direct injection, turbocharged diesel		
		Rated power	149 kW/1950 rpm		
		Number of cylinders	6-126 x 155 mm (bore x stroke)		
		Piston displacement	11.596 L		
		Min. fuel consumption	225 g/kW-h		
		Maximum torque	1030 N-m@1200rpm		
	POWER TRANSMISSION SYSTEM	Torque converter	3-element, 1-stage, 1-phase, water-cooled		
		Transmission	Planetary gear, multiple-disc clutch, hydraulically actuated, force-lubricated		
		Main drive	Spiral bevel gear, splash lubrication, single-stage speed reduction		
		Steering clutch	Wet multiple-disc clutch. Spring loaded, hydraulically released, hand operated, interconnected with steering brake		
		Steering brake	Wet, multiple-disc, pedal-/hand controlled, spring-loaded and hydraulically released Interconnected with steering clutch		
		Spur gear	Single reduction and planetary gear single reduction, splash lubrication		
	TRAVEL SPEED	Gear	1st	2nd	3rd
		Forward	0~3.9 km/h	0~6.8 km/h	0~10.6 km/h
		Reverse	0~5.0 km/h	0~8.6 km/h	0~13.4 km/h
	UNDERCARRIAGE SYSTEM	Type	Oscillating equalizer bar and pivot shaft		
		Carrier rollers	2 each side		
		Track rollers	8 each side		
		Track type	Assembled single-grouser shoes(Optional: Lubricated track)		
		Width of track shoes	610 mm		
		Pitch	203 mm		
	HYDRAULIC SYSTEM	Maximum pressure	20.6 MPa		
		Pump type	Gear pump		
		Discharge	210 L/min		
		Bore of working cylinder × no.	95 mm × 2		
	BLADE	Blade type	Angle blade/ Straight blade		
		Dozing capacity	Angle blade: 3.4 m³; Straight blade: 5.6 m³		
		Efficiency (Theoretical value 40 m)	245 m³/h		
		Blade width	4370 mm		
		Blade height	1073 mm		
		Maximum drop below ground	485 mm		
		Maximum lift height	1255 mm		
		Weight of blade	3170 kg		
	WINCH (OPTIONAL)	Model	W8L (ALLIED USA),		
		Drawing force of full drum	195kN ( 19910kg )		
		Drawing speed of full drum	49.8m/min ( Max 0.83m/s )		
		Drawing force of bare drum	318kN ( 32500kg )		
		Overall dimension (l x w x h)	1093 X 1052 X 1055 mm		
		Cable dimension	28X 67000 mm		
		Brake type	Wet, multiple-disc, spring actuated , hydraulically released , adjustment free		

## OVERALL DIMENSIONS Angle 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.