

230 HP

SD23

Stronger push force at a good value

- ▶ Engine model: Cummins NT855-C280S10
- ▶ Net power : 169 kW/230HP/2000 rpm
- ▶ Operating weight: 23.45 t

Product features

This medium-sized dozer leads the pack with huge push factors for greater efficiency on tougher earthmoving jobs. Indeed, when compared with competitors in its class, it provides much better value when it comes to push factors. Comes standard with a Cummins engine.



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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

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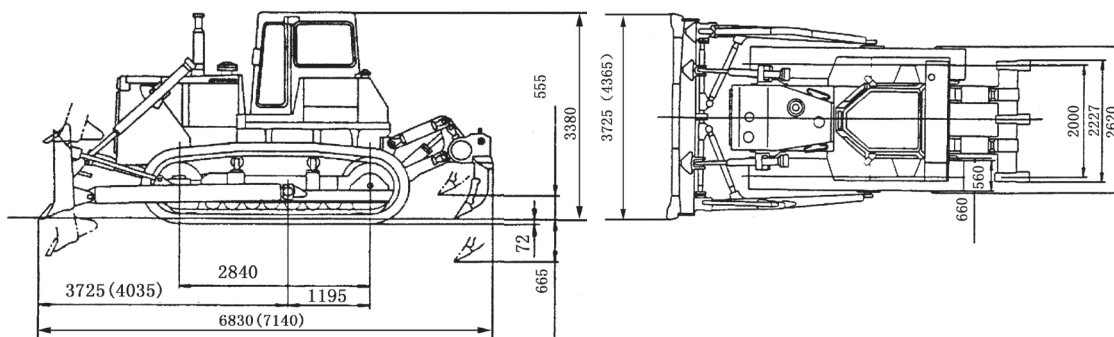
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Technical specifications:

Blade Type	Straight-tilt	Angle	U-Blade
Min. ground clearance:	405 mm	405 mm	405 mm
Operating weight:	23.45 t	23.67 t	24.6 t
Ground pressure:	0.078 MPa	0.078 MPa	0.078 MPa
Min. turning radius:	3.3 m	3.3 m	3.3 m
Gradeability:	30°	30°	30°
Track gauge:	2000 mm	2000 mm	2000 mm

	ENGINE	Model & type	Cummins NT855-C280S10; in-line, water-cooled; 4-cycle, overhead valve direct injection, turbocharged diesel		
		Rated revolution	2000 rpm		
		Horsepower	Gross power: 179/240/2000 kW/HP/rpm // Net power: 169/230/2000 kW/HP/rpm		
		Number of cylinders	6-139.7 x 152.4 mm (bore x stroke)		
		Piston displacement	14.010 L		
		Min. fuel consumption	217 g/kW-h		
		Maximum torque	1036 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	Lubricated, multi-disc, spring loaded, hydraulically separated, hydraulic control		
		Steering brake	Lubricated, floating band, foot brake with hydraulic booster		
		Final drive	2-stage speed reduction of spur gear, 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	0~4.9 km/h	0~8.5 km/h	0~14.3 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	39 each side (assembled single-tooth shoes)		
		Width of track shoes	560/610/660 mm		
		Pitch	216 mm		
	HYDRAULIC SYSTEM	Maximum pressure	19.1 MPa		
		Pump type	Gear pump		
		Discharge (Tondem 2000 rpm)	194 (2000 rpm) L/min		
		Bore of working cylinder × no.	110 mm × 2		
	BLADE	Blade type	Straight-tilt	Angle	U-blade
		Dozing capacity	7.8 m³	5.4 m³	8.4 m³
		Efficiency (Theoretical value 40 m)	330 m³/h	245 m³/h	365 m³/h
		Blade width	3725 mm	4365 mm	3860 mm
		Blade height	1395 mm	1107 mm	1379 mm
		Maximum drop below ground	540 mm	560 mm	540 mm
		Maximum tilt adjustment	>1210 mm	>1240 mm	>1210 mm
		Weight of blade	2900 kg	3372 kg	3350 kg
	RIPPER (OPTIONAL)	Maximum digging depth of 3-shank ripper	666 mm		
		Maximum lift above ground	555 mm		
		Weight of 3-shank ripper	2495 kg		
		Maximum digging depth of single ripper	695 mm		
		Maximum lift above ground	515 mm		
		Weight of single ripper	2453 kg		

OVERALL DIMENSIONS Straight-tilt 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.