

160 HP

## SD16E

Master of the Swamp

- ▶ Engine model: Shangchai SC11CB184G2B1/Weichai WD10G178E25
- ▶ Net power: 120 kW/160HP/1850 rpm
- ▶ Operating weight: 17.5 t

### Product features

The SD16E bulldozer has been developed to meet special requirements of certain earth-moving projects. It's equipped with a hydraulic drive system with hydraulic control technology and an advanced structure, providing reliable performance and convenient and flexible operation. The SD16E's extended track makes it suitable for projects requiring low ground pressure.



shantui e-shop

# SHANTUI

VALUE THAT WORKS

Shantui Construction Machinery Co., Ltd.

ADRESSE :  
No. 58, G327 Highway  
Jining City, Shandong, CHINE

TÉL. : +86-537-2909351 2909368 2909369

FAX : +86-537-2311219

E-MAIL : trade@shantui.com







160 HP

# SD16E

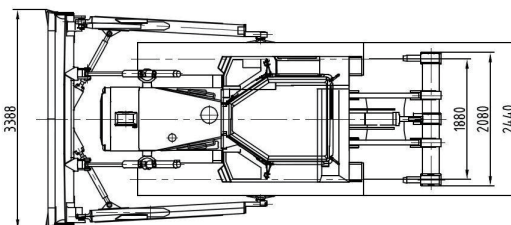
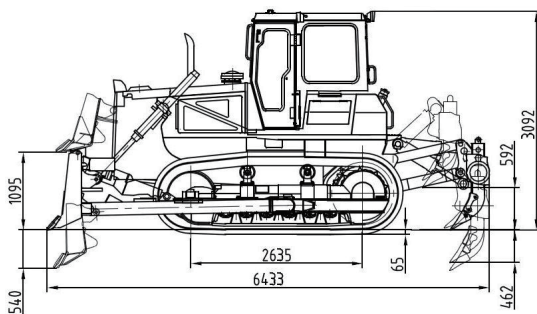
Technical specifications:

Blade Type	Straight-tilt
Minimum ground clearance:	400 mm
Ground pressure:	0.067 MPa
Minimum turning radius:	4.545 m
Gradeability:	30°
Track gauge:	1880 mm

SD16E

	ENGINE	Model & type	Shanghai SC11CB184G2B1/Weichai WD10G178E25; water-cooled, in-line, 4-stroke direct injection		
		Horsepower	Gross power: 131/175/1850 kW/HP/rpm // Net power: 120/160/1850 kW/HP/rpm		
		Number of cylinders	6-126 x 130 mm (bore x stroke)		
		Piston displacement	9.726 L		
		Min. fuel consumption	214 g/kW-h		
		Maximum torque	765 N-m@1300 rpm		
			POWER TRANSMISSION SYSTEM	Torque converter	3-element, 1 stage, 1 phase
Transmission	Planetary gear type, power-shift, forced lubrication				
Main drive	Spiral bevel gear, single-stage speed reduction, splash lubrication				
Steering clutch	Wet, multi-disc, spring loaded, hand hydraulically separated, inter-linking with steering brake				
Steering brake	Wet, floating band structure, foot brake with hydraulic booster				
Final drive	2-stage speed reduction of spur gear, splash lubrication				
	TRAVEL SPEED			Gear	1st
		Forward	0-3.29 km/h	0-5.82 km/h	0-9.63 km/h
		Reverse	0-4.28 km/h	0-7.59 km/h	0-12.53 km/h
			UNDERCARRIAGE SYSTEM	Type	Sprayed beam, suspended structure of equalizer
Carrier rollers	2 each side				
Track rollers	7 each side				
Track type	Assembled, single-grouser				
Width of track shoes	560 mm				
Pitch	203.2 mm				
	HYDRAULIC SYSTEM	Maximum pressure	14 MPa		
		Pump type	Gear pump		
		Discharge	243 L/min		
		Bore of working cylinder × no.	110 mm × 2		
	BLADE	Blade type	Straight-tilt	Angle	U-blade
		Dozing capacity	4.5 m³	4.3 m³	5.0 m³
		Efficiency (Theoretical value 40 m)	225 m³/h	225 m³/h	250 m³/h
		Blade width	3388 mm	3970 mm	3556 mm
		Blade height	1149 mm	1040 mm	1120 mm
		Maximum drop below ground	540 mm	540 mm	530 mm
		Maximum tilt adjustment	400 mm	-	400 mm

## OVERALL DIMENSIONS



▶ 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.