

160 HP

SD16R

King of the Landfill

- ▶ Engine model: Shangchai SC11CB184G2B1/Weichai WD10G178E25
- ▶ Net power: 120 kW/160HP/1850 rpm
- ▶ Operating weight: 17.7 t

Product features

To meet the requirements of operation for urban sanitation and rubbish disposal in China, Shantui has developed the SD16R rubbish bulldozer, which can fill, grade, compact and stack materials in landfills. It can also be used for towing dumpsters and other heavy materials found in these environments.



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VALUE THAT WORKS

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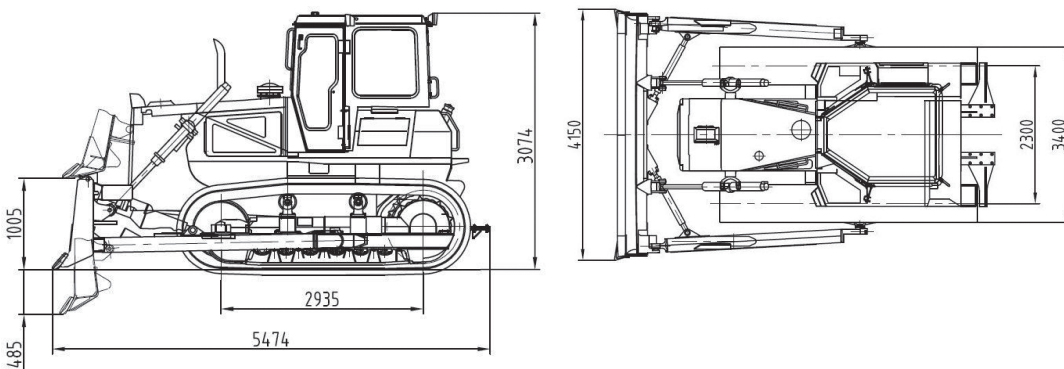
Technical specifications:

Blade Type	R-blade
Minimum ground clearance:	495 mm
Ground pressure:	0.046 MPa
Minimum turning radius:	4.6 m
Gradeability:	30°
Track gauge:	2300 mm

SD16R

	ENGINE	Model & type	Shanghai SC11CB184G2B1/Weichai WD10G178E25; 4-cycle, in-line, water-cooled, 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	Tow-stage reduction of spur gear splash lubrication		
	TRAVEL SPEED	Gear	1st	2nd	3rd
		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	Carrier rollers	2 each side		
		Track rollers	7 each side		
		Track type	Assembled, cycloidal triangle		
		Width of track shoes	660 mm		
		Pitch	203.2 mm		
	HYDRAULIC SYSTEM	Maximum pressure	20.6 MPa		
		Pump type	Gear pump		
		Discharge	249 L/min		
		Bore of working cylinder × no.	110 mm × 2		
	Blade (OPTIONAL)	Blade type	R-blade		
		Dozing capacity	8.3 m³		
		Efficiency (Theoretical value 40 m)	250 m³/h		
		Blade width	4150 mm		
		Blade height	1578 mm		
		Maximum drop below ground	485 mm		
		Lifting height of blade	1005 mm		

OVERALL DIMENSIONS R 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.