

130 HP

SD13R

Compact, reliable, durable

- ▶ Engine model: Cummins 6CTA8.3-C145/ Shangchai SC8D143G2B1
- ▶ Rated power: 95.5 kW/1900 rpm
- ▶ Operating weight: 15.2 t

Product features

SD13R sanitation bulldozer is researched and developed in response to the operation demands of sanitation treatment sites in domestic cities, featuring high technologic content, advanced and reasonable design, strong power, and high productivity.

TECHNICAL FEATURES: 1. With the working device of flexible operations and the cab of broad visual field and good comfort, this product can adapt to more severe working environment. With convenient maintenances and repairs, it's an ideal earth-moving machine for sanitation treatment sites as well as wetlands and marshlands. 2. The standard sanitation blade features strong cutting force to handle all kinds of working faces, especially the operations in the wastelands and wetlands, and its durability is guaranteed by the application of high strength box-type structure and high performance material.

APPLICABLE WORKING CONDITIONS: Landfill, leveling, semi-compacting, and stacking operations.



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SHANTUI

VALUE THAT WORKS

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Technical specifications:


Blade Type	R-blade
Min. ground clearance:	320 mm
Ground pressure:	0.035 MPa
Minimum turning radius:	3.6 m
Gradeability:	30°
Track gauge:	1880 mm


SD13R


	ENGINE	Model & type	Cummins 6CTA8.3-C145/ Shanghai SC8D143G2B1; Water cooled, in-line, 4-cycle, direct injection, turbocharge		
		Rated power	95.5 kW		
		Number of cylinders	6-114 x 135 mm (bore x stroke)		
		Piston displacement	8.27 L		
		Min. fuel consumption	228 g/kW-h		
		Maximum torque	672 N·m@1600 rpm/ 674 N·m@1600 rpm		

	POWER TRANSMISSION SYSTEM	Torque converter	3-element, 1 stage, 1 phase		
		Transmission	Planetary gear and torque flow transmission hydraulically actuated, forced lubrication		
		Main drive	Spiral bevel gear, single-stage speed reduction, splash lubrication		
		Steering clutch	Wet multiple disc, coned disc spring loaded, hydraulically actuated, hand operated, interconnected with steering brake		
		Steering brake	Wet, contracting band, foot operated with hydraulic booster		
		Final drive	Spur gear, double reduction, splash lubrication		

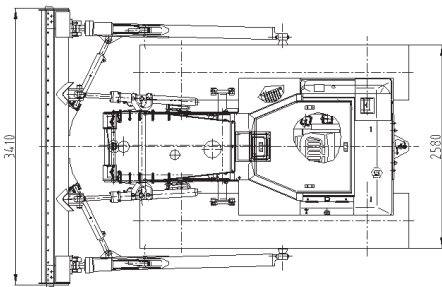
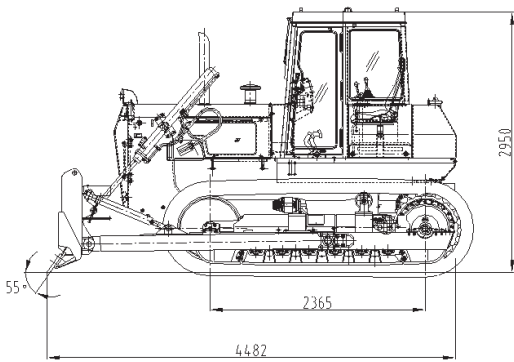
	TRAVEL SPEED	Gear	1st	2nd	3rd
		Forward	0-3.2 km/h	0-5.9 km/h	0-9.8 km/h
		Reverse	0-3.9 km/h	0-7.1 km/h	0-11.9 km/h

	UNDERCARRIAGE SYSTEM	Type	Swing type of sprayed beam, suspended structure of equalizer bar		
		Carrier rollers	2 each side		
		Track rollers	6 each side		
		Track type	Assembled, single-tooth		
		Width of track shoes	700 mm		
		Pitch	190 mm		

	HYDRAULIC SYSTEM	Maximum pressure	14 MPa		
		Pump type	Gear pump		
		Discharge	180 L/min		
		Bore of working cylinder × no.	90 mm × 2		

	BLADE	Blade type	R-blade		
		Dozing capacity	8.1 m³		
		Blade width	3510 mm		
		Blade height	1592 mm		
		Maximum drop below ground	590 mm		
		Maximum tilt adjustment	930 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.