

SG14

- ▶ Engine model: Dongfeng Cummins (DCEC) 6BTAA5.9-C150
- ▶ Rated power: 112kW/2200rpm
- ▶ Operating weight: 11.6t

SG14 grader is mainly applied to large-area ground leveling, ditching, slope scraping, bulldozing, ripping and snow removing works for highways, airports and farmlands etc. This grader possesses advanced performance, high working efficiency and comfortable operation and it adopts international matching parts as its critical components. In all, the grader is ideal equipment for modern constructions for defense engineering, urban and suburb road engineering etc.



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SHANTUI

VALUE THAT WORKS

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Technical specifications:

Operating weight: 11.6 t	Gradeability: 20°
Blade length: 3660 mm	Maximum traction: 65 kN
Minimum ground clearance: 430 mm	Wheel base: 5812 mm

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The engine is reliable in performance and high in power and this provides the product with stable and reliable power output under various working conditions; the throttle adopts coordinated control and it possesses easy, convenient and reliable operation.

The 6-speed gearbox with rational distribution of gear ratio provides the machine with 3 working speeds so that working reliability and flexibility are guaranteed.

The rear axle is 3-section drive axle with NO-SPIN self-locking differential.

Electric instruments and hydraulic components from internal famous manufacturers ensure the reliability of the vehicle.

The brake system adopts advanced hydraulic brake control technology in the world and safe and reliable brake application is guaranteed.

The articulated frame and the full-hydraulic front wheel steering provide the vehicle with small turning radius and flexible steering.


The luxury, full-field and fully sealed cab can be equipped with warm-and-cool air-conditioner.


The novel and chic appearance, streamline glass fiber reinforced plastic engine hood provide easy engine maintenance and good heat dissipation.


Special tires for grader driving are applied and general purpose tires can be supplied to customers when needed.


Optional parts

- 1) Automatic leveling device 2) Front bulldozing blade
- 3) Rear ripper 4) Heavy-duty blade

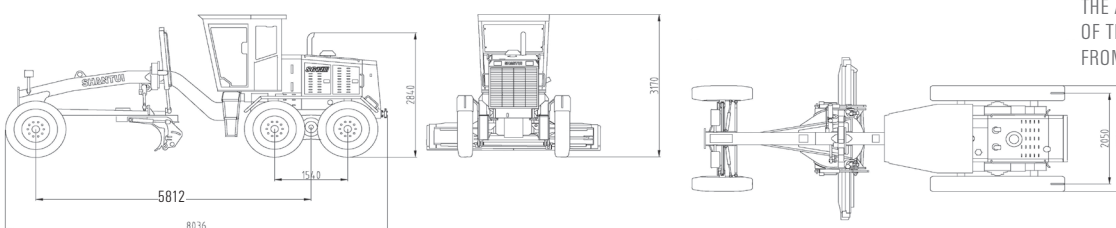
	ENGINE	Engine model	Dongfeng Cummins (DCEC) 6BTAA5.9-C150				
		Rated power/speed	112kW/2200rpm				

	TRAVEL SPEED	Transmission and torque converter: Electronic controlled transmission with 6 forward gears and 3 reverse gears.						
		Gear	1st	2nd	3rd	4th	5th	6th
		Forward	0~5.4 km/h	0~8.3 km/h	0~13.2 km/h	0~20.6 km/h	0~29.6 km/h	0~44 km/h
		Reverse	0~5.4 km/h	0~13.2 km/h	0~29.6 km/h	-	-	-

	SYSTEMS	Tire	Type	13.00-24TG PR12
		Steering system	Max. steering angle of front wheel	±45°
			Max. tilting angle of front wheel	±17°
			Max. oscillating angle of front axle	±15°
			Steering angle of frame	±25°
			Max. oscillating angle of rear axle	±15°
			Min. turning radius	6600 mm
		Operating weight	Operating weight (standard configuration)	11600kg
			Front axle load	3480kg
Rear axle load	8120kg			

	BLADE	Max. lifting height	460mm
		Max. cutting depth	500mm
		Max. position angle	90°
		Cutting angle adjustment range	30°- 70°
		rotational angle	360°
		Length×height	3660×615mm

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.