Motor Grader Series

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.





SHANTUI
VALUE THAT WORKS

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SG14

Technical specifications:

Operating weight: 11.6 t	Gradeability: 20°
Blade length: 3660 mm	
Minimum ground clearance: 450 mm	Maximum traction: 64 kN

Features

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 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 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	

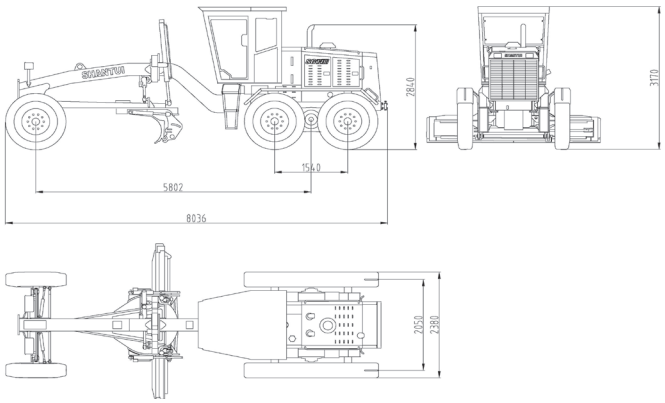
BLADE	
Max. lifting height	460mm
Max. cutting depth	500mm
Max. position angle	90°
Cutting angle adjustment range	30° - 70°
rotational angle	360°
Length×height	3660×610mm

OVERALL DIMENSIONS

OVERALL DIMENSION (STANDARD CONFIGURATION) 8036×2380×3240MM

MIN. GROUND CLEARANCE 450MM

DISTANCE BETWEEN FRONT AXLE AND REAR AXLE: 5800MM



► 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.