

SHANTUI

SG15-G

Motor Grader



Engine Model: Weichai WP4.6NG150E501
Gross Power: 110kW @ 2200rpm
Operating Weight: 13,000kg

We Level Subgrade Fast and Flat
easy operation and maintenance

SG15-G SPECIFICATIONS

ENGINE

Model	Weichai WP4.6NG150E501
Number of cylinders	4
Type	4-cycle, Electronic injection, water-cooled
Aspiration	Turbocharged, air-air intercooled
Bore x stroke	108*125mm
Displacement	4.58L
Gross power	110kW @ 2200rpm
Max. traction	68kN
Max. torque	640N.m @ 1500rpm
Rated fuel consumption	220g/kW.h
Emission	CEV Stage IV

POWER TRAIN

Transmission	Fixed-axis type, electro-hydraulic control
Torque converter	Single-stage, single-phase, three basic elements
Rear axle	Modular, planetary reduction, "no-Spin" anti-skid differential
Tandem drive	Roller chain. Oscillating angle: $\pm 15^\circ$
Tire	13-24PR12
Front axle	Oscillating angle: $\pm 15^\circ$ Tilting angle: $\pm 17^\circ$

STEERING

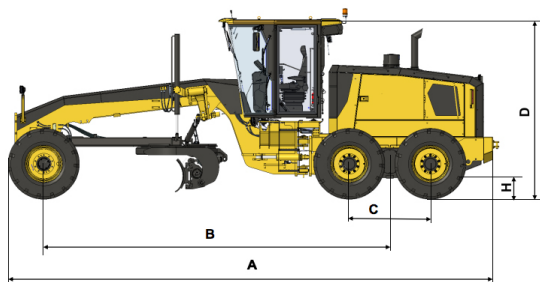
Type	Hydraulic power
Front wheel steering angle	$\pm 45^\circ$
Articulation angle	$\pm 23^\circ$
Min. turning radius	7200mm

BRAKES

Service brake	Disc type, foot operated, single circuit, hydraulically actuated on four tandem wheels
Parking brake	Drum type, manually actuated

MOLDBOARD

Moldboard width	3660mm
Moldboard height	620mm
Moldboard thickness	20mm
Moldboard tip angle	22~73°
Max. cutting depth	500mm
Max. tilting angle (left/right)	$\pm 90^\circ$



SPEED

Forward, 1-6	5.4\8.3\13.2\20.6\29.6\42km/h
Reverse, 1-3	5.4\13.2\29.6km/h

HYDRAULICS

Tandem pump	Gear pump.
Relief pressure for working equipment	18MPa
Relief pressure for steering	18MPa
Relief pressure for brakes	10MPa

CAPACITIES

Fuel tank	290L
Hydraulic oil tank	85L

ELECTRICAL SYSTEM

Battery	2x12V, 105Ah
Alternator	28V, 70A
Starter motor	24V, 4.5kW

OPERATING WEIGHT

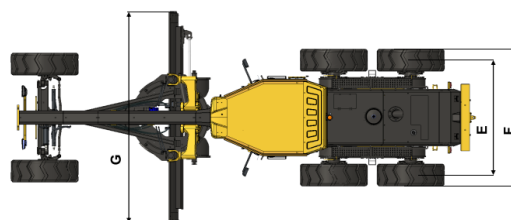
Standard	13000kg
With rear ripper	14600kg

RIPPER (OPTIONAL)

Ripping depth	335mm
Shank supports	5
Shank support spacing	520mm
Working width	2080mm

DIMENSIONS

A Overall length: Standard	8530mm
A Overall length: With rear ripper	10100mm
B Length: Front axle to mid tandem	6030mm
C Length: Between tandem axles	1540mm
D Height: Cab	3300mm
E Tread	2100mm
F Width: Outside tires	2400mm
G Moldboard width	3660mm
H Minimum ground clearance	400mm



* 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.



Shantui Social

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