

SHANTUI AUSTRALIA

SG15-B6

Motor Grader



Engine Model: Cummins 6BTA5.9-C150
Gross Power: 112kW @ 2200rpm
Operating Weight: 13,000kg

POWERED BY

EVCORE

SG15-B6 SPECIFICATIONS

ENGINE

Model	Cummins 6BTA5.9-C150
Number of cylinders	6
Type	4-cycle, direct injection, water-cooled
Aspiration	
Bore x stroke	Turbocharged, air air intercooled
Displacement	102*120mm
Gross power	5.9L
Max. traction	112kW @ 2200rpm
Max. torque	72kN
Rated fuel consumption	655N.m @ 1300rpm
Emission	223g/kW.h

POWER TRAIN

Transmission	
Torque converter	Fixed-axis type, electro-hydraulic control
Rear axle	Single-stage, single-phase, three basic elements
Tandem drive	Modular, planetary reduction, "no-Spin" anti-skid differential
Tire	Roller chain. Oscillating angle: $\pm 15^\circ$
Front axle	13.0-24TG/PR12
	Oscillating angle: $\pm 15^\circ$

STEERING

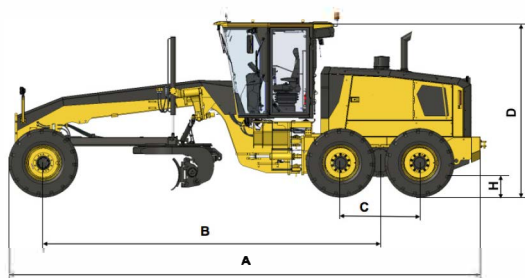
Type	
Front wheel steering angle	Hydraulic power
Articulation angle	$\pm 45^\circ$
Min. turning radius	$\pm 23^\circ$

BRAKES

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

MOLDBOARD

Moldboard width	
Moldboard height	3660mm
Moldboard thickness	620mm
Moldboard tip angle	20mm
Max. cutting depth	22~73°
Max. tilting angle (left/right)	480mm
	$\pm 90^\circ$



SPEED

Forward, 1-6	5.7\8.8\13.7\20.4\29.8\42km/h
Reverse, 1-3	6\14.4\32km/h

HYDRAULICS

Tandem pump	Gear pump
Relief pressure for working equipment	18MPa
Relief pressure for steering	17.5MPa
Relief pressure for brakes	10MPa

CAPACITIES

Fuel tank	360L
Hydraulic oil tank	85L

ELECTRICAL SYSTEM

Battery	2x12V, 105Ah
Alternator	28V, 70A
Starter motor	24V, 6kW

OPERATING WEIGHT

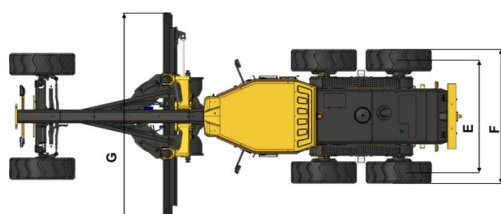
Standard	13000kg
With rear ripper	14200kg

RIPPER (OPTIONAL)

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

DIMENSIONS

A Overall length: Standard	8941mm
A Overall length: With rear ripper	9907mm
B Length: Front axle to mid tandem	6032mm
C Length: Between tandem axles	1540mm
D Height: Cab	3300mm
E Tread	2105mm
F Width: Outside tires	2435mm
G Moldboard width	3660mm
H Minimum ground clearance	337mm



* 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.

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Authorised Shantui Dealers

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