

SHANTUI

SG19-B6

Motor Grader



Engine Model: Cummins 6CTAA5.9-C205
Gross Power: 153kW @ 2200rpm
Operating Weight: 15,800kg

We Level Subgrade Fast and Flat
easy operation and maintenance

SG19-B6 SPECIFICATIONS

ENGINE

Model	Cummins 6CTAA5.9-C205
Number of cylinders	6
Type	4-cycle, direct injection, water-cooled
Aspiration	Turbocharged, air-air intercooled
Bore x stroke	108*136mm
Displacement	7.47L
Gross power	153kW @ 2200rpm
Max. traction	86.7kN
Max. torque	760N.m/1300-1500rpm
Rated fuel consumption	220g/kW.h
Emission	China-II

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	17.5-25PR12
Front axle	Oscillating angle: $\pm 16^\circ$ Tilting angle: $\pm 18^\circ$

STEERING

Type	Hydraulic power
Front wheel steering angle	$\pm 50^\circ$
Articulation angle	$\pm 23^\circ$
Min. turning radius	7500mm

BRAKES

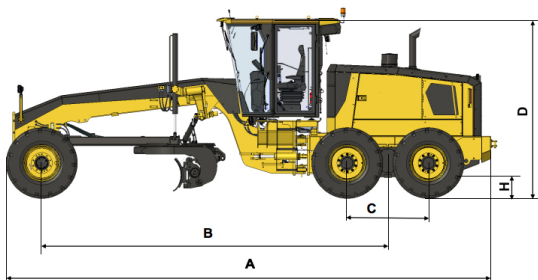
Service brake	Disc type, foot operated, single circuit, hydraulically actuated on four tandem wheels
Parking brake	Drum type, manually actuated

MOLDBOARD

Rotation	360°
Moldboard width	3660/3965mm
Moldboard height	620mm
Moldboard thickness	20mm
Moldboard tip angle	$22\sim 73^\circ$
Max. cutting depth	970MM
Max. lifting height	480mm
Moldboard side shift (left/right)	650/650mm
Max. shoulder reach (left/right)	1900/1950mm
Max. tilting angle (left/right)	$\pm 90^\circ$

SPEED

Forward, 1-6	5.5\9.1\12.2\20.7\26.5\39.2km/h
Reverse, 1-3	5.3\12.4\26.1km/h



HYDRAULICS

Tandem pump	Gear pump.32ml/r \ Piston pump 75ml/r
Relief pressure for working equipment	18MPa / 24MPa
Relief pressure for steering	16.5MPa
Relief pressure for brakes	10MPa

CAPACITIES

Fuel tank	360L
Hydraulic oil tank	85L
Engine crank case	19L
Engine coolant	33L

ELECTRICAL SYSTEM

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

OPERATING WEIGHT

Standard	15800kg
With rear ripper	17000kg
With front blade	16860kg
With front blade & rear ripper	17460kg

RIPPER (OPTIONAL)

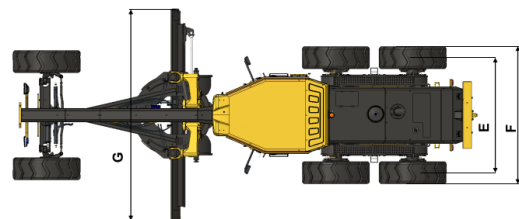
Ripping depth	378mm
Shank supports	5
Shank support spacing	520mm
Working width	2080mm

FRONT BLADE (OPTIONAL)

WIDTH X HEIGHT	2740x890mm
Thickness	12mm
Max. lifting height	660mm
Max. digging depth	425mm

DIMENSIONS

A Overall length: Standard	9270mm
A Overall length: With rear ripper	10620mm
A Overall length: With front blade	10380mm
A Overall length: With front blade & rear ripper	11140mm
B Length: Front axle to mid tandem	6560mm
C Length: Between tandem axles	1540mm
D Height: Cab	3400mm
E Tread	2155mm
F Width: Outside tires	2600mm
G Moldboard width	3660/3965mm
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

SHANTUI CONSTRUCTION MACHINERY CO., LTD.
 ADD: No. 58, G327 Highway, Jining City, Shandong, CHINA
 TEL: +86-537-2909369
 FAX: +86-537-2311219
 EMAIL: trade@shantui.com
 WEB: www.shantui.com

SHANTUI
 LET'S MAKE CONSTRUCTION EASIER