

SHANTUI

SG10-B5

Motor Grader



Engine Model: Cummins 4BTA3.9-C100-II
Gross Power: 74kW@2200rpm
Operating Weight: 6,300kg

We Level Subgrade Fast and Flat
easy operation and maintenance

SG10-B5 SPECIFICATIONS

ENGINE

Model	Cummins 4BTA3.9-C100-II
Number of cylinders	4
Type	4-cycle, direct injection, water-cooled
Aspiration	Turbocharged, air-air intercooled
Bore x stroke	102x120mm
Displacement	3.9L
Rated power	74kw/2200rpm
Max. traction	36kN
Max. torque	410N.m/1500rpm
Rated fuel consumption	210g/KW.h
Emission	China-II

POWER TRAIN

Transmission	Fixed-axis type
Torque converter	Single-stage, single-phase, three basic elements
Rear axle	Planetary reduction
Tire	16/70-20 PR16
Front axle oscillating angle	±12°

STEERING

Front wheel steering angle	±38°
Articulation angle	±23°
Min. turning radius	6800mm

MOLDBOARD

Rotation	360°
Width	3050mm
Height	450mm
Thickness	16mm
Tip angle	33~85°
Max. cutting depth	260mm
Max. lifting height	440mm
Max. shoulder reach (left/right)	1000/1020mm
Max. tilting angle (left/right)	±90°

SPEED

Forward, 1-4	9 \ 19 \ 29 \ 40 km/h
Reverse, 1-4	8 \ 15 \ 21 \ 30 km/h

HYDRAULICS

Tandem pump	Gear pump
Relief pressure for working equipment	16MPa
Relief pressure for steering	8MPa
Relief pressure for brakes	8MPa

CAPACITIES

Fuel tank	100L
Hydraulic oil tank	92L
Engine crank case	15L
Engine coolant	20L

ELECTRICAL SYSTEM

Battery	2x12V, 90Ah
Alternator	28V
Starter motor	24V

OPERATING WEIGHT

Standard	6300kg
With front blade	6550kg
With rear ripper	6450kg
With front blade & rear ripper	6700kg

RIPPER (OPTIONAL)

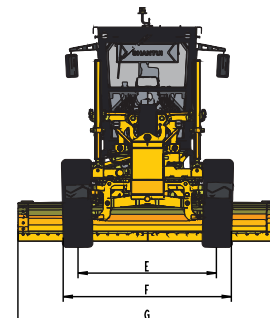
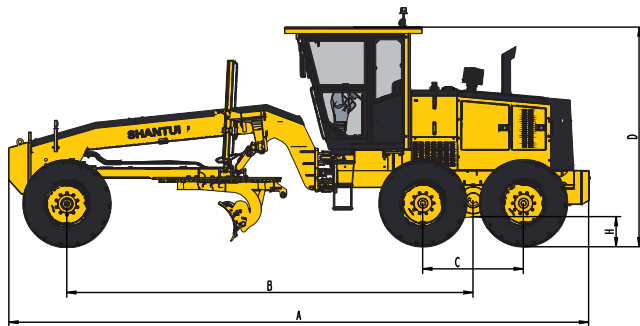
Ripping depth	240mm
Shank supports	5
Shank support spacing	355mm
Working width	1500mm

FRONT BLADE (OPTIONAL)

Width x height	2100x740mm
Thickness	6mm
Max. lifting height	320mm
Max. digging depth	220mm

DIMENSIONS

A Overall length: Standard	6500mm
A Overall length: With rear ripper	6900mm
A Overall length: With front blade	7200mm
A Overall length: With front blade & rear ripper	7600mm
B Length: Front axle to rear axle	4785mm
C Length: Between tandem axles	----
D Height: Cab	2960mm
E Tread	1590mm
F Width: Outside tires	2050mm
G Moldboard width	3050mm
H Minimum ground clearance	385mm



* 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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