

# SG15-B6

Motor Grader

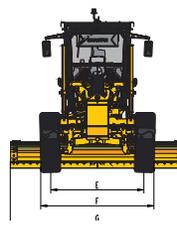
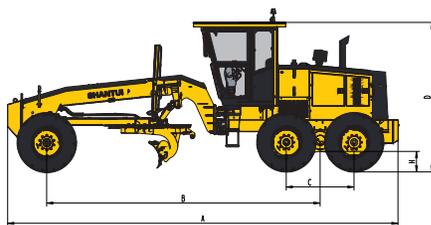


ENGINE MODEL	CUMMINS 6BTAA5.9-C150
GROSS POWER	112kW/2200rpm
OPERATING WEIGHT	13,500kg

# SG15-B6 TECHNICAL PARAMETERS

ENGINE	
Model	Cummins 6BTA5.9-C150
Number of Cylinders	6
Type	4-stroke, direct injection, water-cooled
Air intake mode	Turbocharged, air-to-air intercooled
Cylinder diameter x stroke	102*120mm
Displacement	5.9L
Gross power	112kW/2200rpm
Maximum tractive force	74kN
Maximum Torque	655N.m/1500rpm
Rated fuel consumption	223g/kW.h
Emission	China-II
TRANSMISSION SYSTEM	
Transmission	Countershaft, electro-hydraulic control
Torque converter	Single-stage, single-phase, three-element
Rear axle	Modular, reduction of planetary gear, "no-spin" automatic limited slip differential
Tire	13.0-24PR12
INCLINATION ANGLE OF FRONT AXLE	±17°
STEERING SYSTEM	
Front wheel steering angle	±45°
Rotation angle of articulation	±23°
Minimum turning radius	7300mm
BRAKE	
Service brake	Caliper disc type, hydraulic power assisted, four-wheel brake
Parking brake	Drum-type, manual
BLADE	
Turning angle of blade	360°
Blade length	3660mm
Blade height	620mm
Thickness of blade	20mm
Cutting angle of blade	22-73°
Penetrating depth of blade	480mm
Lifting height of blade	410mm
Maximum side stretching distance	1665/1950mm
Swing angle of blade	±90°
TRAVEL SPEED	
Speed at forward gear, 1-6	5.7/8.8/13.7/20.4/29.8/42km/h
Reverse speed, 1-3	6/14.4/29.8km/h

HYDRAULIC SYSTEM	
Working pump	Gear pump, 28ml/r
Overflow pressure during work	18MPa
OIL CAPACITY	
Fuel tank	290L
Hydraulic fuel tank	85L
Engine oil pan	19L
Coolant	33L
ELECTRICAL SYSTEM	
Battery	2x12V,105Ah
Generator	28V,70A
Starting motor	24V,6kW
OPERATING WEIGHT	
Standard version	13500kg
Equipped with front blade	14800kg
Equipped with rear ripper	14500kg
Equipped with front blade and rear ripper	15050kg
RIPPER (OPTIONAL)	
Ripping depth	233mm
Number of shanks	5
Shank spacing	400mm
Working width	1600mm
FRONT BLADE (OPTIONAL)	
Dimensions	2520x925mm
Thickness	16mm
Maximum lifting height	528mm
Maximum cutting depth	170mm
DIMENSIONS	
A Overall length: Standard type	9091mm
A Overall length: Equipped with front blade	9828mm
A Overall length: Equipped with rear ripper	10057mm
A Overall length: Equipped with front blade and rear ripper	10794mm
B Front and rear wheelbase	6193mm
C Rear wheel track	1540mm
D Height: Cab	3300mm
E Wheel tread	2105mm
F Width: Outside edge of tire	2435mm
G Blade length	3660mm
H Minimum ground clearance	337mm



\* THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONAL CONFIGURATION. THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.