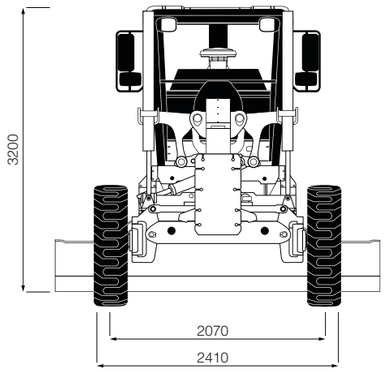
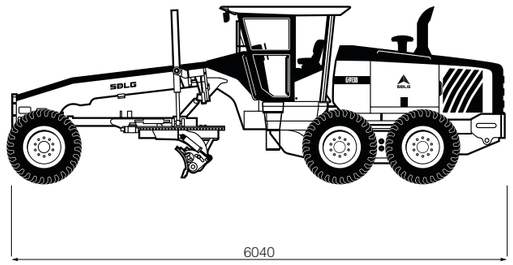
Motor Grader G9138





Item	Specifications
Performance	
Overall Working Weight	12,000kg
Maximum Tilt Angle of the Front Wheel	±18°
Cutter Diameter	1375mm
Cutter Size (L × H × D)	3048 × 610 × 16mm
Blade Rotation Angle	360°
Blade Clearance	480mm
Maximum Blade Cutting Depth	575mm
Maximum Bank Sloping Angle	90°
Inclination Angle of Blade	47° forward / 5° backward
Sliding Range of Blade	500mm
Maximum Traction Force (f = 0.75)	77.5kN
Maximum Gradeability	20°
Engine	
Engine Model	Weichai Deutz WP6G140E22
Rated Power	105kW
Rated Rotation Speed	2200rpm
Transmission System	
Model	Hangchi YD13
Type, Gear Shift	Powershift, 6F / 3R
Maximum Forward / Backward Velocity	34 / 28 km/h
Front & Rear Axle	
Model	Meichi Axle
Maximum Front Axle Swing Angle	±15°

Item	Specifications
Tyre	
Type	13-24-12PR
Tyre Pressure	0.27MPa
Steering System	
Maximum Steering Angle	±50°
Steering Angle of Articulated Frame	±25°
Minimum Turning Radius	6.5m
Brake System	
Type	Caliper Disc Brake
Service Brake Pressure	10.3MPa
Fluid Capacity	
Fuel Tank Capacity	170L
Hydraulic Tank Capacity	80L
Operator Environment	
Type	Open Canopy

Ref. No. SDLGG9138.SG11.2015

Reliability in Action

MOTOR GRADER

G9138

SDLG

Motor Grader G9138

Instrument panel

The instrument panel is fully digital with three-stage alarm electronic monitoring ensuring precise operator control. It is integrated with the entire machine for ease of inspection and maintenance.

Canopy

Canopy to protect operator from weather conditions and with high visibility.

Swing frame

Lubrication/maintenance-free composite bearing reduces friction with shock/wear-proof feature. Hydraulic lock cylinder improves ease of operation.

Engine

High performance and reliable Weichai DEUTZ turbocharged engine meeting Tier II emission standard.

Shovel

Shovel nose tool structure and cylinder are configured for high operating performance.

Frame

Equipped with advanced Volvo dual-cylinder driven tray-type, dual rotatory cylinder and rotatory valve structure for better performance under demanding conditions.