

Reliability in Action

# Grader G9190



**SDLG machines** are built to be like the people that own them: hardworking, genuine and reliable. Cost effective, robust machines with fuel efficient engines that are easy to operate and easy to maintain.

Everything about SDLG is designed to give you the confidence that you can complete the job to a high standard and on schedule. And when you need parts or service, you can trust your SDLG dealer to deliver on our promise.

When you buy SDLG, you're buying reliability: **Reliability in Action.**



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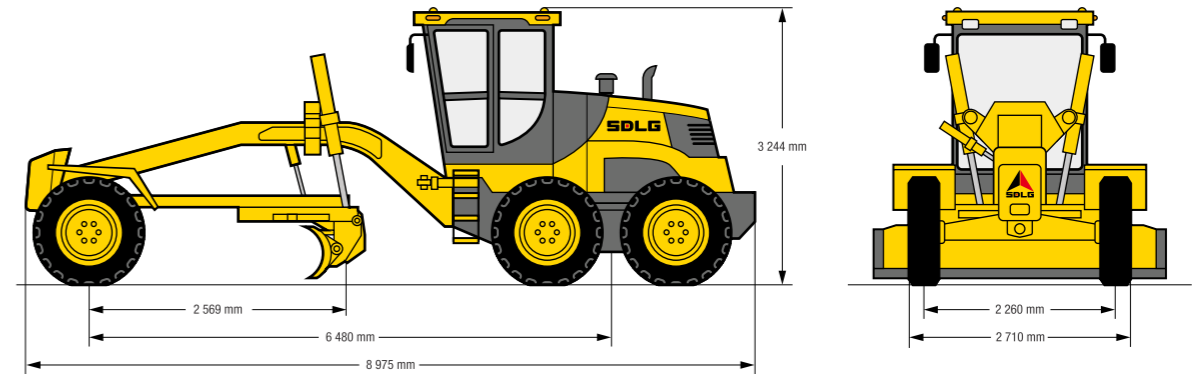


# Grader G9190



## G9190

- The G9190 grader is the latest product from SDLG. It performs reliably; it is low maintenance and has a contemporary design. It is well-known in the industry for its advanced driving and operational performance and reliability.
- It is used for levelling and excavating land such as roads, airports and farmlands; transferring soils and crushed stones; ditching and scraping slopes; removing snow and clearing roads. It is also used for national defence construction, mining, water conservatory construction projects, and farmland improvements.
- The G9190 offers a combination of three power-curve engine and electro-hydraulic power gear shift transmission, with a selection of power according to the load which means it is extremely energy efficient.
- The machine design and layout are optimised by fully utilising the weight of the machine, evenly distributing the load, enhancing traction force and optimising downforce of the blade.
- The machine has frame mounted multisection valve which results in optimized control, light and flexible operation.
- The circleturn is driven by dual hydraulic cylinders which gives you high torque on the blade which increases productivity.



Item	Specifications
Operating weight (incl ripper & counterweight)	17 500 kg
Overall dimension (L × W × H)	8 975 x 2 710 x 3 244 mm
Engine type	BF6M1013EC
Rated power	146 kW
Rated revolution	2 100 rpm
Forward speed	4.8Km/h, 8.4Km/h, 11Km/h, 18.6Km/h, 23Km/h, 38Km/h
Backward speed	4.8Km/h, 11Km/h, 23Km/h
Traction	82 kN
Maximum gradeability	24 %
Working system pressure	21 MPa
Maximum inclination angle of the front wheel	± 18°
Maximum swinging angle of the balance box	± 15°
Maximum swinging angle of the front axle	± 16°
Steering angle of the articulated frame	± 23°
Minimum turning radius	7.5 m
Blade (width and arc height)	3 962 x 635 mm
Blade rotation angle	360°
Maximum inclination angle of the blade	90°
Maximum digging depth of blade	787 mm
Tyre type	17.5 - 25 - 16 PR
Tyre pressure	0.2 MPa/0.25 MPa
Fuel tank capacity	270 L
Hydraulic oil tank capacity	200 L