

Reliability in Action



Product Brochure



G9165 Grader

G9165 is a product of high speed, high efficiency, high accuracy and multiple purposes developed by SDLG on the European advanced technology, can be used for ground leveling and grooving, scraping slope, bulldozing, ploughing snow, loosening, compacting, material arrangement and mixing works, and is widely used in construction operating condition of road, airport, defence engineering, mine construction, road construction, water conservancy construction and farmland improvement and so on.



Item	Specifications
Overall dimension	
LxWxH	8975x2710x3240mm
Min. ground clearance of front axle	610mm
Ground clearance of rear axle	430mm
Wheel tread	2260mm
Wheelbase	6480mm
Balance box center distance	1538mm
Overall parameters	
Overall working weight	14600kg
Max.inclination angle of front wheel	18°
Max.swing angle of front axle	16°
Max. steering angle of front wheel	50°
Steering angle of articulated frame	23°
Cutter diameter	1626mm
Cutter size(lengthxheightxthickness)	3658x635x25mm
Swing angle of blade	360°
Min.turning radius	7.6m
Lift height of blade	445mm
Cutting depth of blade	787mm
Blade cutting angle	Front 47/ rear 5°
Blade lateral distance	Left 673 Right 673mm
Max.tractive force	75KN
Max.speed(Forward /reverse)	40km/h
Engine	
Model	WP6G175E21
Type	Inline,Water-cooled, Four-stroke

Item	Specifications
Rated power/Speed	129kW/2200r/min
Displacement	6750ml
Cylinder bore/stroke	105/130mm
Min. Fuel-consume ratio	210g/ (kW.h)
Max. torque	680N.m
Emission standard	GB20891-2007
Transmission system	
Transmission type	Fixed shaft power shift
Torque converter	Single-stage single-phase three-element, integrated with the gearbox
Gears	Forward 6 reverse 3
Speed at forward gear I	5.3km/h
Speed at forward gear II	8.5km/h
Speed at forward gear III	14km/h
Speed at forward gear IV	21km/h
Speed at forward gear V	30km/h
Speed at forward gear VI	40km/h
Speed at reverse gear I	5.3km/h
Speed at reverse gear II	14km/h
Speed at reverse gear III	30km/h
Hydraulic system	
Type	Open-type system
System pressure	21MPa
Fill capacity	
Fuel	270L
Hydraulic oil	132L

* The above product order number is:G1650W2244109A0, and more configurations are available for your needs. Please consult your local dealer
 * The right of final interpretation of the abovementioned parameters shall be reserved by SDLG. No further notice will be given in case of any change. Illustrations in the text may not always be the standard illustrations for this model.