

<b>Engine</b>	Cummins 6BTAA5.9
<b>Rated Power</b>	125 kW (170 hp) @ 2,200 rpm
<b>Net Power</b>	113 kW (153 hp) @ 2,200 rpm
<b>Blade Width</b>	3,960 mm
<b>Maximum Speed</b>	39.3 km/h
<b>Draw Bar Pull</b>	82 kN
<b>Operating Weight</b>	15,000 kg

# 4165

MOTOR GRADER

 **LIUGONG**



TOUGH WORLD. TOUGH EQUIPMENT.

# 4165 SPECIFICATIONS >>>

## ENGINE

Emission Regulation	Tier 2 / Stage II
Make	Cummins
Model	6BTAA5.9
Rated Power	125 kW (170 hp) @ 2,200 rpm
Net Power	113 kW (153 hp) @ 2,200 rpm
Peak Torque	750 N·m @ 1,400 rpm
Torque Rise %	38 %
Number of Cylinders	6
Aspiration	turbo air-to-air aftercooled

## TRANSMISSION

Transmission Type	Power shift
Transmission Configuration	6f / 3r
Torque Converter	three – member single turbine
Maximum Travel Speed, fwd	39.3 km/h
Maximum Travel Speed, rev	28.3 km/h
Number of Speeds, fwd	6
Number of Speeds, rev	3

## AXLES

Differential Type	limited slip
Final Drive Type	chain drive
Axle Oscillation	15°
Front Axle Type	all welded steel frame
Front Axle, Wheel Lean Angle	left / right 17°

## STEERING

Steering Configuration	load sensor steering gear
Steering Relief Pressure	17 MPa
Minimum Turning Radius	7,800 mm
Steering Angle	± 45°
Frame Articulation Angle	± 20°

## BRAKES

Service Brake Type	shoe
Service Brake Location	rear axle

## TIRES

Tire Size	17.5 – 25 L3
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## HYDRAULIC SYSTEM

Main Pump Type	gear
Main Relief Pressure	18 MPa
Pilot Pump Flow	126 L/min

## WORKING CAPACITIES

Maximum Draw Pull	82 kN
Cutting Pressure	7,650 kg

## TANDEM DRIVE PERFORMANCE

Height	600 mm
Width	210 mm
Center Distance	1,538 mm
Oscillating Angle	±15

## MOLDBOARD PERFORMANCE

Bank Cut Angle	40~70°
Moldboard Lift Above Ground	450 mm
Moldboard Side Shift, right / left	765 / 635 mm
Maximum Sloping Angle	90°
Cutting Depth	555 mm
Circle Rotation	360°
Circle Diameter	1,455 mm
Circle Thickness	140mm

## DIMENSIONS

Wheelbase	6,230 mm
Overall Length	9,245 mm
Overall Height with AC Cab	3,580 mm
Overall Width	2,600 mm
Clearance under Front Axle	580 mm
Moldboard Standard Length	3,960 mm
Moldboard Standard Thickness	19 mm
Moldboard Standard Height	610 mm

## OPERATING WEIGHTS

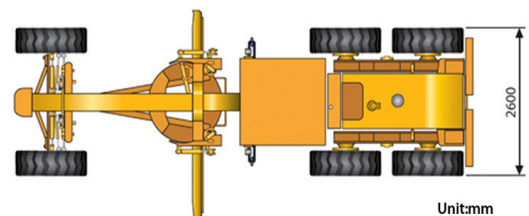
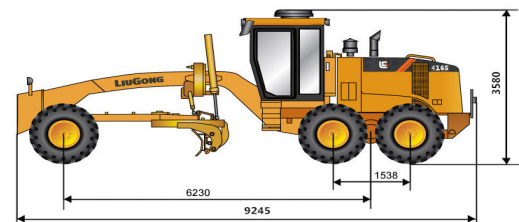
Operating Weight	15,000 kg
On Front Wheels	4,500 kg
On Rear Wheels	10,500 kg

## SERVICE CAPACITIES

Fuel Tank	315 L
Engine Oil	17 L
Cooling System	40 L
Hydraulic Reservoir	186 L
Transmission And Torque Converter	45 L
Tandems, Each	28 L

## OPTIONAL EQUIPMENT

Rear Ripper&Front Dozer&Scarifier
Automatic Leveling System
ROP/ FOPS&Rotary beacon
L2 tyre&Radial tyre&Tubeless tyre



Unit:mm

## Guangxi Liugong Machinery Co., Ltd.

No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China  
 T: +86 772 3886124 E: overseas@liugong.com  
 www.liugong.com

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Specifications and designs are subject to change without notice. Machines shown may include optional equipment.