



Motor Grader LGG315

Engine	
Engine	Cummins QSM11(USA)
Type	Electronically controlled, Tier III
Rated power	228KW
Rated speed	2100rpm
Rated fuel consumption	223 g/Kw. h
Transmission System	
Type	3 elements, single stage(ZF)
Torque ratio	2.8
Cooling type	Oil cooling, pressure circulation
Gearbox type	Power shift(ZF)
Gear shifts(Forward/reverse)	F6/R3
Traveling speed (km/h)	
Forward/Reverse I	5.2/5.2
Forward/Reverse II	8.1/12.5
Forward/Reverse III	12.5/27.1
Forward IV	19.1
Forward V	27.1
Forward VI	40
Axle	
Drive type	Four wheel drive(6X4)
Front axle ground clearance	670 mm
Front wheel lean	17°(L/R)
Oscillation	±15°
Drive axle	Imported No SPIN differential
Steering System	
Front wheel steering angle	50°(L/R)
Turning radius	12.4m(non leant wheel) 13.0m (leant wheel)
Articulated steering angle	25°(L/R)
Drive type	Dual action cylinder
Working Equipment	
Control system	Hydrostatic drive system
Hydraulic pump	Gear pump

Shanghai Longji Construction Machinery Co., Ltd.

Add: Room 1311, Building C, Lane 58, No.1 East Xinjian Road, Minhang District, Shanghai City, China

Post Code: 201100

E-mail: info@shlongji.com

Tel: +86-21-541-71571

Fax: +86-21-541-71572

Control valve	Two sets, five pieces per set
Control pressure	25MPa
Hydraulic oil cylinder	Dual action cylinder
Max. tractive force	165KN
Ground penetration	470 mm
Blade width	4920 mm
Blade cycling	360°
Max. bank cutting angle	80°(L/R)
Braking System	
Service brake	Wet brake, actuate 4 rear wheels
Parking brake	Hand operated hoop brake
Dimensions	
Overall length	10520 mm
Overall width(wheel outside)	3140 mm
Overall height	3700 mm
Wheel base	7760 mm
Front tread	2494 mm
Rear tread	2494 mm
Tyre size	18.00-25
Service Capacities	
Fuel tank	380L
Engine crank case	30L
Hydraulic tank	130L
Gear box	45L
Rear axles	

Shanghai Longji Construction Machinery Co., Ltd.

Add: Room 1311, Building C, Lane 58, No.1 East Xinjian Road, Minhang District, Shanghai City, China

Post Code: 201100

E-mail: info@shlongji.com

Tel: +86-21-541-71571

Fax: +86-21-541-71572