



Motor Grader LGG165-II

Engine	
Model	Cummins 6BT5.9(UK)
Type	Direct injection,water cooled
Rated power	125kw
Rated speed	2100rpm
Rated fuel consumption	201g/kw·h
Transmission System	
Type	3 elements,single stage(ZF technology)
Torque ratio	2.52
Cooling type	Pressure oil circulating
Gear box type	Power shift(ZF technology)
Gear shifts(Forward/Reverse)	F6/R3
Traveling speed(km/h)	
Forward/Reverse I	6.5/6.5
Forward/Reverse II	11.4/14.6
Forward/Reverse III	14.6/30
Forward IV	24.8
Forward V	30
Forward VI	49.2
Axle	
Drive type	Four wheel drive(6X4)
Front axle ground clearance	610mm
Front wheel lean	32° (L/R)
Oscillation	±15°
Drive axle	Imported No SPIN differential
Steering System	
Front wheel steering angle	49°(L/R)
Turning radius	10.0m(non leant wheel) 10.4m (leant wheel)

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

Articulated steering angle	26°(L/R)
Drive type	Dual action cylinder
Working Equipment	
Control system	Hydrostatic drive system
Hydraulic pump	High pressure gear pump
Control valve	HUSCO
Control pressure	18MPa
Hydraulic oil cylinder	HYUNDAI
Max. tractive force	78.5KN
Ground penetration	535 mm
Blade width	3660 mm
Blade cycling	360°
Max. bank cutting angle	90°(L/R)
Braking System	
Service brake	Hydraulic assisted actuate drum brake
Parking brake	Flexible control and inner-expanding drum brake
Dimensions	
Overall length	8630 mm
Overall width(wheel outside)	2600 mm
Overall height	3370 mm
Wheel base	6100 mm
Front tread	2120 mm
Rear treads	2120 mm
Tyre size	17.5-25
Service Capacities	
Fuel tank	350L
Engine crank case	27L
Hydraulic tank	70L
Gear box	45L
Rear axles	18L
Balance box	42L(each)
Worm gear case	3L
Tandem Drive	
Type	Swing type with roller chain transmission
Speed ratio	18.03

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