



Medium Wheel Loader LGL30

Engine	
Model	Cummins 6BT5.9-C130
Type	Vertical, water cooled, four-stroke, direct injection
Rated power	92KW
Rated speed	2200rpm
Rated fuel consumption	200g/Kw.h
Main Technical Specification	
Rated load	3000Kg
Operating weight	10000Kg
Rated bucket capacity	1.7m ³
Max. breakout force	100kN
Max. dump clearance	3060mm
Dump reach	1008mm
Dump angle at any position	≥45°
Digging depth (with bucket bottom horizontal)	210mm
Min. turning radius	
-----Outside of bucket	5500mm
-----Outside of rear wheel	5100mm
Oscillating angle of rear axle	±11°
Lifting time of bucket	≤5.6s
Lowering time of bucket	≤3.1s
Dumping time	≤1.1s
Working Equipment	
Model of oil pump	CBGj2100

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Wheel Loader, Road Roller, Dump Truck

System pressure	15.6Mpa
Model of multi-way directional valve	DF25.2C
Pilot valve	DJS2-UX/UU
Axle And Tyre	
Type of main reducer	Spiral bevel gear, single stage
Gear ratio of main reducer	5.285
Type of final reducer	Single stage planetary
Gear ratio of final reducer	3.88
total ratio	20.5
Max. tractive force	97kN
Tyre size	17.5-25
Transmission System	
Torque Converter	
Type	3-elements,single stage(Sinoway)
Torque ratio	3.0
Cooling type	Pressure oil circulating
Gear box	
Type	Power shift(Sinoway)
Gear shifts (Forward/Reverse)	F2/R1
Traveling speed(Km/h)	
Forward/Reverse I	10.8/14.5
Forward II	32.5
Braking System	
Service brake	Air-pushing-oil disc brake on four wheels
Air pressure	0.65Mpa
Parking brake	Cable-controlled caliper disc brake
Steering System	
Type	Articulated fully hydraulic steering
Model of steering pump	CBY2050
System pressure	9.8MPa
Articulated steering angle	38±1°(L/R)
Dimensions	
Length(with bucket on ground)	6970mm
Width(to outside of wheels)	2250mm
Height(To the top of the cab)	3228mm
Bucket width	2330mm
Wheel base	2750mm
Tread	1850mm
Ground clearance	360mm

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