

## Medium Wheel Loader LGL30

Engine	
Model	Cummins 6BT5.9-C130
Туре	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	1.7m3
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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Model of multi-way directional bF25.2C  Pilot valve  DiS2-UX/UU  Axle And Tyre  Type of main reducer  Gear ratio of final reducer  Gear ratio of final reducer  Single stage planetary  Gear ratio of final reducer  Gear ratio of final reducer  Single stage planetary  Gear ratio of final reducer  Gear ratio of final reducer  Gear ratio of final reducer  Josephane  Total reducer  Gear ratio of final reducer  Josephane  Total reducer  Josephane  Josephane  Torque force  Josephane  Jos	System pressure	15.6Mpa
valve   DF25.2C   Pilot valve   DJ82-UX/UU   Axle And Tyre   Type of main reducer   Spiral bevel gear, single stage   Gear ratio of main reducer   S.285   Type of final reducer   Single stage planetary   Gear ratio of final reducer   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   10.8/14.5   Forward/Reverse   10.8/14.5   Forward/Reverse   10.8/14.5   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		•
Axle And Tyre  Iype of main reducer  Gear ratio of main reducer  Gear ratio of final reducer  Gingle stage planetary  Gear ratio of final reducer  Gear ratio of final reducer  Single stage planetary  Other ratio		DF25.2C
Type of main reducer Gear ratio of main reducer Gear ratio of final reducer Single stage planetary Gear ratio of final reducer 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 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) Width(to outside of wheels) Height(To the top of the cab) Bucket width Wheel base 2750mm Tread Tread 1850mm	Pilot valve	DJS2-UX/UU
Gear ratio of main reducer  Type of final reducer  Gear ratio of final reducer  Gear ratio of final reducer  Gear ratio of final reducer  Josh  Max. tractive force  97kN  Tyre size  17.5-25  Transmission System  Torque Converter  Type  Gear box  Type  Gear shifts (Forward/Reverse)  F2/R1  Traveling speed(Km/h)  Forward/Reverse I  Forward/Reverse I  Forward/Reverse I  Forward/Reverse  Air-pushing-oil disc brake on four wheels  Air pressure  O.65Mpa  Parking brake  Cable-controlled caliper disc brake  Steering System  Type  Articulated fully hydraulic steering  Model of steering pump  CBY2050  System Jserice System  CBY2050  System Jserice System  Gear Shifts  G	Axle And Tyre	
Type of final reducer Gear ratio of final reducer J. 88 total ratio J. 97kN Tyre size J. 7.5-25 Transmission System Torque Converter Type J. elements,single stage(Sinoway) Torque ratio J. 0 Cooling type Gear box Type Power shift(Sinoway) Gear shifts (Forward/Reverse) F2/R1 Traveling speed(Km/h) Forward/Reverse I J. 83.2.5 Braking System Service brake Air-pushing-oil disc brake on four wheels Air pressure J. Articulated fully hydraulic steering Model of steering pump CBY2050 System Type Articulated steering angle Dimensions Length(with bucket on ground) Width(to outside of wheels) Bucket width Wheel base Tread I Somm Tread I Somm Wheel base J. 750mm Tread I R50mm I S. 88	Type of main reducer	Spiral bevel gear, single stage
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 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 Dimensions Length(with bucket on ground) Width(to outside of wheels) Bucket width 2330mm Wheel base 2750mm Tread  Tread 1850mm	Gear ratio of main reducer	5.285
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	Type of final reducer	Single stage planetary
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	Gear ratio of final reducer	3.88
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	total ratio	20.5
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	Max. tractive force	97kN
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	Tyre size	17.5-25
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	Transmission System	
Torque ratio  Cooling type  Gear box  Type  Power shift(Sinoway)  Gear shifts (Forward/Reverse)  F2/R1  Traveling speed(Km/h)  Forward/Reverse I  Forward II  S2.5  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  Dimensions  Length(with bucket on ground)  Width(to outside of wheels)  Bucket width  2330mm  Wheel base  2750mm  Tread  Tread  Power shift(Sinoway)  F2/R1  Torculating  Power shift(Sinoway)  F2/R1  F	Torque Converter	
Cooling type 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 Dimensions Length(with bucket on ground) Width(to outside of wheels) Bucket width 2330mm Wheel base 2750mm Tread 1850mm	Туре	3-elements,single stage(Sinoway)
Gear box Type	Torque ratio	3.0
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	Cooling type	Pressure oil circulating
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) Width(to outside of wheels) 12250mm Height(To the top of the cab) 3228mm Bucket width 2330mm Wheel base 2750mm Tread 1850mm	Gear box	
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	Туре	Power shift(Sinoway)
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	Gear shifts (Forward/Reverse)	F2/R1
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	Traveling speed(Km/h)	
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) Width(to outside of wheels) Bucket width 2330mm Wheel base 2750mm  Tread 1850mm	Forward/Reverse I	10.8/14.5
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	Forward II	32.5
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	Braking System	
Parking 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)  Width(to outside of wheels)  Height(To the top of the cab)  Bucket width  2330mm  Wheel base  2750mm  Tread  1850mm	Service brake	Air-pushing-oil disc brake on four wheels
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	Air pressure	0.65Mpa
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	Parking brake	Cable-controlled caliper disc brake
Model of steering pump  System pressure  9.8MPa  Articulated steering angle  Dimensions  Length(with bucket on ground)  Width(to outside of wheels)  Height(To the top of the cab)  Bucket width  Wheel base  Tread  1850mm  CBY2050  9.8MPa	Steering System	
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	Туре	Articulated fully hydraulic steering
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	Model of steering pump	CBY2050
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	System pressure	9.8MPa
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	Articulated steering angle	38±1°(L/R)
Width(to outside of wheels)  Height(To the top of the cab)  Bucket width  Wheel base  2750mm  Tread  1850mm	Dimensions	
Height(To the top of the cab)  Bucket width  Wheel base  2750mm  Tread  1850mm	Length(with bucket on ground)	6970mm
Bucket width 2330mm Wheel base 2750mm Tread 1850mm	Width(to outside of wheels)	2250mm
Wheel base 2750mm Tread 1850mm	Height(To the top of the cab)	3228mm
Tread 1850mm	Bucket width	2330mm
	Wheel base	2750mm
Ground clearance 360mm	Tread	1850mm
	Ground clearance	360mm

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