



Medium Wheel Loader LGL40F

Engine	
Model	6135K-13b
Type	Direct injection, water cooled
Rated power	128KW
Rated speed	2000rpm
Rated fuel consumption	238g/Kw.h
Main Technical Specification	
Rated load	4000Kg
Operating weight	13800Kg
Rated bucket capacity	2.3m <sup>3</sup>
Max. breakout force	134kN
Max. dump clearance	2815mm
Dump reach	1050mm
Dump angle at any position	45°
Digging depth ( with bucket bottom horizontal)	190mm
Min. turning radius	
-----Outside of bucket	6300mm
-----Outside of rear wheel	5730mm
Oscillating angle of rear axle	±11°
Lifting time of bucket	≤6.2s
Lowering time of bucket	≤3.8s
Dumping time	≤1.8s
Working Equipment	
Model of oil pump	CBGj3140
System pressure	17.7Mpa
Model of multi-way directional valve	D32II
Pilot valve	DJS2-UX/UU
Axle And Tyre	

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Type of main reducer	Spiral bevel gear, single stage
Gear ratio of main reducer	5.286
Type of final reducer	Single stage planetary
Gear ratio of final reducer	4.4
total ratio	23.258
Max. tractive force	123kN
Tyre size	20.5-25
Transmission System	
Torque Converter	
Type	4-elements. double stage(China advance)
Torque ratio	4
Cooling type	Pressure oil circulating
Gear box	
Type	Power shift(China advance)
Gear shifts ( Forward/Reverse )	F2/R1
Traveling speed(Km/h)	
Forward/Reverse I	11/15
Forward II	36
Braking System	
Service brake	Air over oil activate 4 wheel brake with capliar disc brake
Air pressure	0.68Mpa
Parking brake	Drum brake; manual control cutting-off air brake
Steering System	
Type	central articulated frame. Co-axis flow amp. Steering
Model of steering pump	CBGj2063/1016-XF
System pressure	14MPa
Articulated steering angle	38±1°(L/R)
Dimensions	
Length(with bucket on ground)	7170mm
Width(to outside of wheels)	2570mm
Height(To the top of the cab)	3360mm
Bucket width	2697mm
Wheel base	3080mm
Tread	2050mm
Ground clearance	400mm
Service Capacities	
Fuel tank	200L
Engine crank case	13.5L
Converter and gear box	45L

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