



Medium Wheel Loader .LGL60F

Engine	
Model	Cummins 6CTAA8.3-C240(UK)
Type	Direct injection,water cooled
Rated power	179KW
Rated speed	2200rpm
Rated fuel consumption	238g/Kw.h
Main Technical Specification	
Rated load	6000Kg
Operating weight	18600Kg
Rated bucket capacity	3.5m3
Max. breakout force	186kN
Max. dump clearance	3028mm
Dump reach	1229mm
Dump angle at any position	45°
Digging depth ( with bucket bottom horizontal )	212mm
Min. turning radius	
-----Outside of bucket	6870mm
-----Outside of rear wheel	6400mm
Oscillating angle of rear axle	±12°
Lifting time of bucket	≤6.0s
Lowering time of bucket	≤3.9s
Dumping time	≤1.9s
Working Equipment	
Model of oil pump	P257-G80367ZCA6/P124-G20LIG
System pressure	20Mpa
Model of multi-way directional valve	HUSCO
Pilot valve	HUSCO
Axle And Tyre	
Type of main reducer	Single stage

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Gear ratio of main reducer	4.444
Type of final reducer	Single stage planetary
Gear ratio of final reducer	5.167
total ratio	22.963
Max. tractive force	175kN
Tyre size	23.5-25
Transmission System	
Torque Converter	
Type	3-elements,single stage(ZF WG200)
Torque ratio	2.55
Cooling type	Pressure oil circulating
Gear box	
Type	Power shift(ZF 4WG200)
Gear shifts (Forward/Reverse)	F4/R3
Traveling speed(Km/h)	
Forward/Reverse I	6.6/6.6
Forward/Reverse II	11.7/11.7
Forward/Reverse III	23.1/23.1
Forward IV	36
Braking System	
Service brake	Air assisted oil
Air pressure	0.7-0.8Mpa
Parking brake	Inner expand hoof,automatic boosting
Steering System	
Type	Central articulated frame, co-axis flow amp. Steering
Model of steering pump	P257-G80467HCX6/G40LIG
System pressure	16MPa
Articulated steering angle	38±1°(L/R)
Dimensions	
Length(with bucket on ground)	8280mm
Width(to outside of wheels)	2897mm
Height(To the top of the cab)	3565mm
Bucket width	3064mm
Wheel base	3300mm
Tread	2300mm
Ground clearance	460mm
Service Capacities	
Fuel tank	350L

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