



LGL75F Mining Loader

Wheel loader SWL75F is also a type of construction equipment (construction machinery/engineering vehicle). This wheel loader SWL75F is equipped with reliable original Cummins engine, famous original ZF wet-type axles with multi-disc limited-slip differentials, combined seal cylinder which obtains high seal performance and more reliability, dual brake valve & dual pipe full hydraulic brake and central lubrication. Wheel loader SWL75F is a type of construction equipment (engineering vehicle, construction machinery) that is primarily used to scoop up material such as asphalt, demolition debris, dirt, gravel, logs, raw minerals, rock, sand, wood chips, etc. to another place.

1. KD switch allows better efficiency & easy operation
2. Reliable ZF transmission case and Torque Converter
3. Bucket automatic leveling ability
4. It can deliver maximum traction in changing traction conditions

Overall Dimension	
Length(with bucket on ground)	8696(mm)
Width(to outside of wheels)	3099(mm)
Bucket width	3266(mm)

Shanghai Longji Construction Machinery Co., Ltd.

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Height(to the top of the cab)	3730(mm)
Wheel base	3400(mm)
Tread	2350(mm)
Min. ground clearance	495.5(mm)
Main Technical Specification	
Rated load	7500(kg)
Operating weight	23500(kg)
Rated bucket capacity	4.2(m3)
Max. breakout force	220(KN)
Max. Drawing force	222(KN)
Max. dump clearance	3220(mm)
Dump reach	1275(mm)
Dump angle at any position	≥450
Digging depth(with bucket bottom horizontal)	221(mm)
Min. turning radius	
Outside of bucket	7042(mm)
Outside of rear wheel	6487(mm)
Pivot angle frame	38 1°
Oscillating angle of rear axle	12°
Lifting time of bucket	6.1(sec.)
Lowering time of bucket	3.8(sec.)
Dumping time	1.9(sec.)
Traveling speed(Km/h)	
1st gear (Forward/reverse)	7.4
2nd gear (Forward/reverse)	12.4
3rd gear (Forward/reverse)	25.9
4th gear (Forward)	37
Diesel engine	
Model	Original Cummins M11-C290
Type	Direct injection. Water cooling
Rated output	216(KW)
Inter-bore of cylinder/stroke	125/147(mm)
Total exhaust of cylinder	10.8(L)
Model of starting motor	42MT400
Power of start motor	7.5(KW)
Voltage of starting motor	24(V)
Rated speed	2100(r/min.)
Max. Torque	1329(Nm)
Starting type	Electric

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Min. specific fuel consumption	198(g/Kwh)
Engine specific oil consumption	1.0 (g/Kwh)
Net weight	980(Kg)
Transmission System	
Orque Converter	
Type	3-element.single stage
Torque ratio	2.985
Max. Dia. of flow path	370(mm)
Cooling type	Pressure oil circulating
Gear Box	
Model	ZF4WG308
Type	Power shift, spur gear constant-mesh
Gear shift position	4 Forward and 3 reverse gears
Axle and Tire	
Type of main reducer	single stage
Gear ratio of main reducer	4.777
Type of final reducer	single stage planetary
Gear of ratio of final reducer	5.167
Total ratios	24.685
Size of tyre	26.5-25 -20PR (L-3)
Working Device Hydraulic System	
Model of oil pump(include brake pump)	

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