



## SDLG Australia

# LG938L Wheel Loader

Reliability in Action



### FEATURES

- Cummins 6BT5.9 6 Cylinder Engine
- 4 speed Powershift transmission
- ROPS/FOPS Cabin. ISO EN 3449, ISO EN 3471
- A/C cabin with pillarless wrap around windscreen
- Single lever hydraulic pilot control
- Hydraulic Quick Hitch
- Full powered 3<sup>rd</sup> function hydraulics
- Bucket Capacity 1.8m<sup>3</sup> > 3m<sup>3</sup>
- 12 months or 2000 hours warranty
- 18 months or 2,000 hours warranty on Power train (conditions apply)

### OPTIONS

- Auto weighing system
- Auto grease system
- Loader arm soft ride kit
- Air suspension seat
- Large range of attachments available
- 4 in 1 buckets, range of Light materials buckets from 1m<sup>3</sup> to 4m<sup>3</sup>, Hydro post hole diggers, Hay & silage handling attachments, Pallet forks & general purpose forks

### SPECIFICATIONS

Engine Power	97kW / 130hp
Max. Traction Force	10,707kgf
Operating Weight	10,700kg
Standard Bucket Capacity	1.8m <sup>3</sup>
Lift Capacity (Rated Load)	3,000kg
Max Breakout Force	9,789kgf
Static Tipping Load at full turn	6,739kg
Min Turning Radius Outside Rear Wheel	5,381mm
Min. Turning Radius Outside Bucket	5,912mm

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ENGINE	
Model	Cummins 6BT5.9-C120
Type	Watercooled, 4 stroke, 6 cylinder in line, direct injection, turbo charged
Rated Power	97 kW / 130hp
Rated RPM	2200 rpm
Displacement	5.9 L
Cylinders	6
Cylinder Bore Stroke	120 mm
Min Fuel Consumption	7L/hr @ 1600rpm
Max. Torque	436 Nm

HYDRAULICS	
Type	Single lever hydraulic pilot control
Boom Cylinder Cylinder bore x piston rod diameter x stroke	Double acting 125 x 70 x 771 mm
Bucket Cylinder Cylinder bore x piston rod diameter x stroke	Double acting 140 x 80 x 502 mm
Pump	Gear driven Hydraulic pump. 160L/min
Working pressure	2320 Psi
Lifting time (Max Load)	5.3s
Lowering time (Empty)	2.9s
Dumping time (Empty)	1.0s
Total	9.2s

STEERING SYSTEM	
Type	Full-hydraulic articulated steering
Steering Pump	Gear driven Hydraulic pump. 120L/min
Steering Cylinder Cylinder bore x piston rod diameter x stroke	80 x 45 x 327 mm
Steering Orbitrol	Eaton BZZ5-E630C
Steering Angle	38°
Working Pressure	2030 Psi

TRANSMISSION					
Torque Converter	Type	Single phase, hydraulic converter			
	Torque ratio	2.3			
	Cooling System	Circulated, water cooled			
Travel Speed	Speeds	1	2	3	4
	Forward (km/h)	7	12	27	35
	Reverse (km/h)	0-7	0-12	0-27	-----
Transmission	Type	Electric over hydraulic, powershift			
	Shift	Forward 4 / Reverse 3			
	Transmission Ratio	Forward 1	3:91		
		Forward 2	2:304		
		Forward 3	0:964		
		Forward 4	0:617		
		Reverse 1	3:19		
		Reverse 2	2.304		
	Reverse 3	0.964			
	Transmission Pump	Gear driven Hydraulic pump			
Working Pressure	188 - 246 Psi				
Main Drive	Type	Single Stage, Spur Gear			
	Gear Ratio	6:167			
Final Drive	Type	Single Stage, Planetary Shift			
	Gear Ratio	3:12			
Driving Axle & Tyres	Type	Driving axle & tyre			
	Mount	Oscillating rear axle, rigid front axle			
	Tyre Specification	17.5 - R25 Tubeless radial L-3 T2			
	Tyre Pressure	Front	47-51 Psi	Rear	40-42 Psi
Brake System	Service Brake Type	Air Over Hydraulic Disc Brakes			
	Service Brake Pressure	65 - 98 Psi			
	Parking Brake	Air operated internal expansion brake			

SERVICE FILL CAPACITIES			
Fuel	140L	Engine Oil	16.3L
Hydraulic Oil	130L	Transmission	30L inclusive
Axles (Main drive & final drive)	2 x 16L	Brake System	4L

DIMENSIONS			
Length (Bucket on ground)	7,100mm	Width outside tyres	2,310mm
Height	3,170mm	Wheel Centres	1,865mm
Max. Dump Height (-45° angle)	2,950mm	Front wheel to bucket edge	1,050mm
Bucket Width	2,510mm	Wheelbase	2,850mm

### DIMENSIONS LG938L

