

XCMG LW900K Medium Wheel Loader



Items	Unit	Parameters
Rated bucket capacity	m ³	5
Rated load	kg	9000
Operating weight	kg	29500
Max. traction	kN	245
Max. breakout force	kN	260
Boom lifting time	s	7
Total time of 3 devices	s	12.5
Tyre		29.5R25
Overall dimension	mm	9400×3500×3770

Engine model	Cummins QSM11-C335
Type	Water cooling, 4 stroke
Suction	Turbo charging, air intercooler

Shanghai Longji Construction Machinery Co., Ltd.

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Cylinder amount	6
Cylinder bore	
Piston displacement	10.8L
Speed controller	Electronic, whole process speed control
Power	250kW(335HP)
Rated revs	2100rpm
Fuel system	Direct injection
Max. torque	1647nm@1400rpm
Lubrication system	Gear pump forced lubrication
Filter	Full flow type
Air filter	(double element, dust discharge and dust indicator) dry type
Hydraulic torque converter	
Type	Single stage, 2 phase, 3 elements
Transmission	
Type	Planetary gear
Travel speed km/h	
Drive system	4WD
Front wheel	Fixed, full floating type
Rear wheel	Central pin bearing, full floating type, 26° swing
Reduction gear	Spiral bevel gear
Differential gear	Common gear
Final drive	Planetary gear, first stage reduction
Service brake	Full hydraulic wet type disc brake (4 wheels)
Parking brake	Wet type disc brake
Emergency brake	Also used as parking brake
Type	Articulation, full hydraulic power steering
Steering angle	bidirectional 40°

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Min. turning radius(by outer wheel center)	6200mm
Steering system	
Hydraulic pump	Gear pump
Max. flow	168ltr/min
Pressure of safety valve	19MPa
Steering cylinder	
Type	Double acting piston type
Cylinder amount	2
Cylinder bore × stroke	115mm×445mm
Loading control	
Hydraulic pump	Gear pump
Rated flow	294+168l/min
Pressure of safety valve	20MPa
Operating cylinder	
Type	Double acting piston
Cylinder amt. - cylinder bore × stroke:	
Boom	2-180mm×880mm
Bucket	1-220mm×590mm
Control valve	Single handle
Control device	
Boom	Lifting, retaining, descending, floating
Bucket	Back inclination, retaining, dumping
Cylinder operating time	
Lifting	7 s
Dump	1.2 s
Descending (empty bucket)	4.3 s
Cooling system	65L

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Fuel tank	420L
Engine	33L
Hydraulic system	340L
Drive axle (each)	66L
Transmission	64L

The product structure and parameters will be subject to change with technical innovation. Please refer to the actual product if the information does not match.

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