



Reliability In Action

L972HEV

ELECTRIC WHEEL LOADER

Operating Weight: 23700 kg

Bucket Capacity: 3.5-6.0 m³

Battery Capacity: 423.93 kW.h



High-efficiency

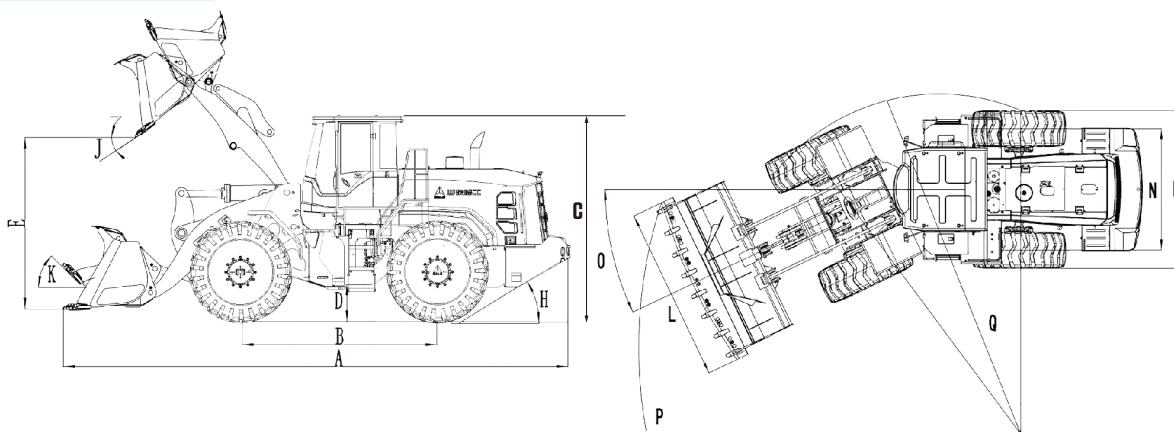
Reliability

Energy-saving

Comfort

L972HEV

Main specifications



Item	Parameter
Overall Machine Parameters	
Bucket Capacity	3.5-6.0m ³
Rated Load	7000kg
Operating Weight	23700kg
Maximum Tractive Force	195kN
Maximum Breakout Force	200kN

Overall Dimensions	
Length×Width×Height (A×L×C)	9650*3100*3655mm
Wheelbase (B)	3500mm
Wheel Track (N)	2320mm
Minimum Ground Clearance (D)	555mm
Maximum Dumping Height (E)	3520mm
Corresponding Dumping Distance (G)	1340mm
Dumping Angle (J)	-45°
Horizontal Passing Radius(P) (Out Side Of Bucket)	7400mm
Minimum Turning Radius(Q) (Outside Of Real Wheel)	6240mm

Overall Dimensions	
Hydraulic Tank Oil	185L
Drive Axle Oil(Main Drive and Wheel Reducer)	48L+48L
Transmission Oil	45+6L
Radiator Oil(Battery/Motor)	50L/23L

Item	Parameter
Electric System	
Battery Type	Lithium Iron Phosphate Battery
Battery Capacity	423.93kW.h
Battery Voltage	614.4V
Charging Type	DC
Battery Endurance Life	7.5h

Transmission System	
Transmission Type	Planetary Power Shift
Gears	F2R1
Variable Pump Working Pressure	1.5MPa
Variable Pump Model	Gear Pump 50
Final Reducer	One-stage Planetary Reduction

Motor	
Drive Motor Rated Power	125kW
Drive Motor Rated Torque	1200N.m
Drive Motor Peak Power	240kW
Drive Motor Peak Torque	2600N.m
Upper Motor Rated Power	106kW
Upper Motor Rated Torque	500N.m
Upper Motor Peak Power	180kW
Upper Motor Peak Torque	1000N.m

Item	Parameter
Working Device Hydraulic System	
Hydraulic Type	Pilot Control
System Working Pressure	21MPa
Total Cycle Time	10.3s

Steering System	
Steering System Type	Load Sensing
Steering System Working Pressure	16MPa

Braking System	
Service Brake Type	-
Service Brake Pressure	5.5MPa

STD Configuration	
423.93kW.h Battery	
ROPS Cab	
Back-up Camera	
Wet Axle	
Internal Emergency Stop Switch	
External Emergency Stop Switch	
Dual Ball Knob Control Lever	
Anti-collision Beam	
India GPS	

*SDLG reserves the right to change specifications and materials at any time without prior notification. Features of the machine in photos may include additional equipment.If you need more information and available options, please contact your local distributor or SDLG.



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