



Reliability In Action

L972HEV WHEEL LOADER

Operating weight: 24800 kg

Bucket capacity: 5.0 m³

Battery capacity: 423 kW·h



High-efficiency

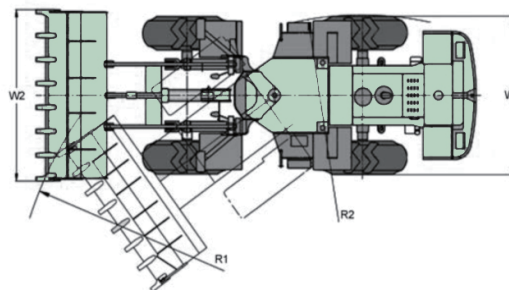
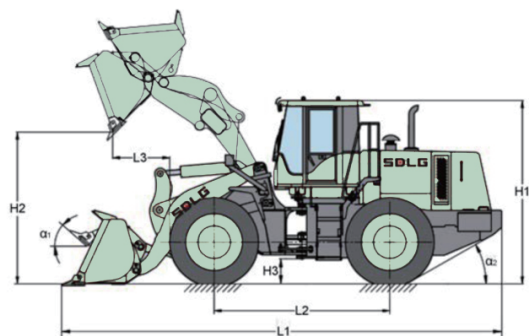
Reliability

Energy-saving

Comfort

L972HEV

Main specifications



Overall dimension

L1xW1xH1 (mm)	9370x2995x3655
Wheel base(L2) (mm)	3500
Min. ground clearance(H3) (mm)	555
Max. dumping height(H2) (mm)	3100
Maximum height of bucket hinge point (mm)	4390
Dumping distance(L3) (mm)	1400
Bucket width(W2)(mm)	3100
Horizontal crossing radius(R1) (mm)	7290
Min.turning radius(R2) (mm)	6240

Overall parameter

Operating weight (kg)	24800
Rated load (kg)	7500
Bucket capacity (m³)	5.0
Max. tractive force (kN)	195
Max. breakout force (kN)	≥215

Electric system

Battery	CATL
Battery Type	Lithium Iron Phosphate (LFP)
Battery Capacity (kW·h)	423
Battery voltage (V)	618.24
Charging type	DC
Battery endurance life	6.5h (The endurance life varies depending on working conditions)

Driving system

Total rated power of the motor (kW)	229.7
Total peak power of the motor (kW)	420
Transmission type	Planetary Power Shift
Gears	Forward 2
Forward speed (km/h)	12/36
Reverse speed (km/h)	12

Hydraulic system of working device

Working device hydraulic system pressure(MPa)	21
Total cycle time (bucket lift & dump & fall)(s)	≤10.3

Steering system

Steering system pressure (MPa)	16
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Service capacities

Hydraulic oil (L)	185
Transmission oil (L)	45+6
Axle (front/rear) (L)	2x48
Antifreeze coolant(L)	Battery:20, Motor:25

Configurations

Rexroth Single Lever
Wet Axle (with Differential Lock), Tire 26.5-25-28-L-5
Centralized Lubrication, Boom suspension system
Weighing System, 360° View Camera, Emergency Stop Switch
ROPS Cab, Air Suspension Seat, Electric Rearview Mirror
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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