

LG833H-E ELECTRIC WHEEL LOADER

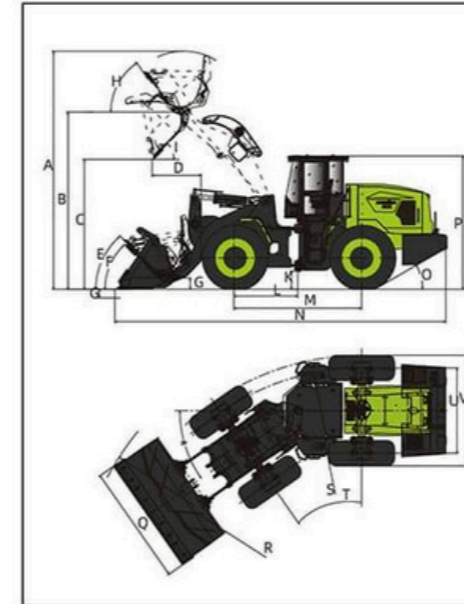


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- BUCKET CAPACITY: 1.7m³
- RATED PAYLOAD: 3000kg
- OPERATING WEIGHT: 10200±300kg

DIMENSIONS

All dimensions are approximate. Dimensions may vary with bucket and tire choice. Refer to operating specifications.



NO.	DESCRIPTION	UNIT	DATA
A	Overall Height – Bucket Raised	mm	5115
B	Bucket Pin Height at Max. Lift	mm	4080
C	Dump Clearance at Max. Lift (45°)	mm	3335
D	Reach at Max. Lift and 45° Dump	mm	960
E	Rack Back Angle at Carry	°	50.8
F	Rack Back Angle at Ground	°	45
G	Digging Depth	mm	-
H	Rack Back Angle at Max. Lift	°	53.8
I	Dump Angle at Max. Lift	°	42
J	Carry Height	mm	195
K	Ground Clearance	mm	362
L	Center Line of Front Axle to Hitch	mm	1275
M	Wheel Base	mm	2900
N	Overall Length	mm	7542
O	Departure Angle	°	25
P	Height to Top of Cab	mm	3230
Q	Overall Width over Bucket	mm	2500
R	Min. Turning Radius over Bucket	mm	6065
S	Min. Turning Radius over Tires	mm	5465
T	Steering Angle – Left/Right	°	35
U	Width at Tread Center	mm	1850
V	Overall Width over Tires	mm	2320

TECHNICAL PARAMETERS

Basic	Bucket Capacity	1.7m ³
	Rated Payload	3000kg
	Operating Weight	10200±300kg
	Traction Force	95±5kN
	Breakout Force	95±5kN
	L*W*H	7542*2500*3230mm
Battery system	Manufacturer	CATL
	Type	LFP
	Capacity	141kwh
	Voltage	618V
Travelling Motor	Type Of Cooling	Water-Cooling
	Rated Power	70kw
	Rated Torque	700N·m
	Rated Speed	955rpm
Pump Motor	Type Of Cooling	Water-Cooling
	Rated Power	35kw
	Rated Torque	300N·m
	Rated Speed	1100rpm
DRIVE TRAIN	Type Of Transmission	Countershaft
	Shift Type	Electronic Powershift Control
	Axles	Rigid (Front)&Oscillating (Rear)
	Rear Axle Oscillation (°)	±8°
	Differential	Conventional
	Main Reducer	Spiral Bevel, 1-stage Reduction
	Wheel-side Reducer	Planetary Reduction
	Tire	17.5-25 12PR
	Travel Speed-Forward	14/36 km/h
	Travel Speed-Reverse	14 km/h
BRAKE SYSTEM	Service Brake	Single Circuit Caliper,Dry Brake
	Setting Pressure	0.7-0.78 MPa
	Parking Brake	Flexible Shaft Controlled
STEERING SYSTEM	Emergency Brake	Caliper Brake
	Type	Hydraulic Load Sensing System
	Pump	160ml/r
	System Pressure	14MPa
HYDRAULIC SYSTEM	Cylinder Type	Dual-cylinder drive
	Steering Angle	±35°
	Type	Single handle pilot control
	Pump	112ml/r
SERVICE REFILL CAPACITY	Control Valve	2 Spool
	System Pressure	19MPa
	Cycle Time (Sec)	9.5
SERVICE REFILL CAPACITY	Hydraulic Tank (L)	165L
	Transmission (L)	17.5L
SERVICE REFILL CAPACITY	Front Axle/Rear Axle (L)	18L/18L

CONFIGURATION

CATL Lithium Battery
LONKING Transmission
Electronic Powershift Control
LONKING Axles (Dry type)
Joystick Working Control (Single-lever)
Full hydraulic brake
ROPS&FOPS Cabin
LCD Dashboard
Air Conditioner
Rear View Camera

OPTIONAL

181kwh Extra Capacity Battery
140kw Charging Pile
180kw Charging Pile
240kw Charging Pile
320kw Charging Pile
Electric Heating Rear Window
Bucket(1.7m ³ ,3 Piece Cutting Edges)
Radial Tires

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For more information on Lonking products,Please contact our local agent:

LG833H-E ELECTRIC WHEEL LOADER

Product Introduction

LG833HG-E is a new 3T series electric wheel loader independently developed and created by Lonking. The product is flexible, efficient, reliable, durable, intelligent and comfortable, suitable for various working conditions such as animal husbandry, municipal sanitation, transportation and urban construction, and transportation of sand and stone materials.



Autonomous electronic control system

- Independently programming and developing vehicle electronic control programs to balance overall performance, improve operational efficiency and enhance endurance.
- The heat dissipation system operates automatically according to the heat dissipation needs, with good heat dissipation effect and more energy-saving.



High efficiency motor

- Adopting industry-leading cutting-edge technology solutions: dual motor configuration.
- Permanent magnet synchronous drive motor, low loss, high efficiency, and high torque to inertia ratio.
- The motor adopts a forced cooling mode, with stable power output and longer service life.



High performance batteries

- Equipped with brand new high-quality lithium batteries, safe and reliable, with stable energy storage and shorter charging time.
- Optional battery capacity: 141kW-h or 181kW-h
- The loader can be fully charged within around 60 minutes from low battery warning (recommend to use 140kW charging pole for loader with 141kW-h battery, 180kW charging pole for loader with 181kW-h battery).
- The battery adopts single gun DC fast charging technology, and the energy-saving management system is excellent.



Dedicated gearbox

- Electronic fixed axle gearbox dedicated for electric wheel loaders, reliable and durable, with high energy conversion efficiency.
- The electronic shifting gearbox has clear gears, fast response and simple operation.
- The walking motor is connected to the front and rear drive axles through a transmission shaft, resulting in high energy transfer efficiency.



Hydraulic system

- Quantitative diversion work hydraulic system, stable operation, easy maintenance, load sensing full hydraulic steering, lightweight and flexible steering.
- Pilot control of the working device, single handle operation, integrated FNR function, forward and backward switching operation, easy to handle with one hand.

Brake system

- Fully hydraulic driving brake, with high braking torque, short distance, and good braking effect.
- The brake fluid has good heat dissipation, constant pressure, safety and reliability, smooth braking and no need to add brake fluid.

Cab

- Electromagnetic valve air conditioning, comfortable and easy to control cabin temperature, luxurious seats, comfortable and breathable.
- High definition LCD instrument panel, standard with rear view camera, clear display and clear vehicle information at a glance.

