

# LONKING 龙工

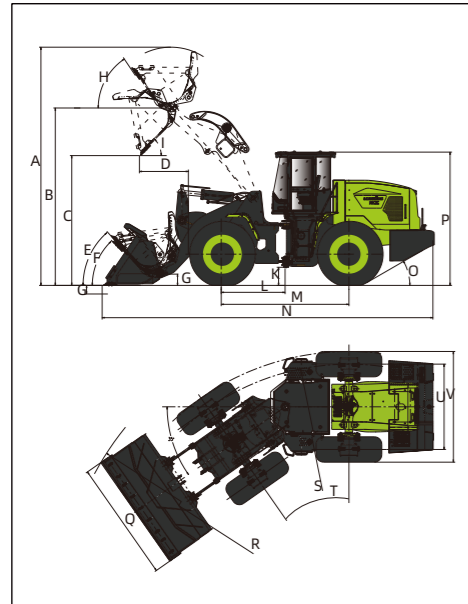
Efficiency Rules the Future

## LG866T-E ELECTRIC WHEEL LOADER



### 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	5780
B	Bucket Pin Height at Max. Lift	mm	4720
C	Dump Clearance at Max. Lift (45°)	mm	3450
D	Reach at Max. Lift and 45° Dump	mm	1300
E	Rack Back Angle at Carry	°	48
F	Rack Back Angle at Ground	°	46
G	Digging Depth	mm	130
H	Rack Back Angle at Max. Lift	°	56
I	Dump Angle at Max. Lift	°	45
J	Carry Height	mm	360
K	Ground Clearance	mm	480
L	Center Line of Front Axle to Hitch	mm	1750
M	Wheel Base	mm	3500
N	Overall Length	mm	8970
O	Departure Angle	°	30
P	Height to Top of Cab	mm	3540
Q	Overall Width over Bucket	mm	3200
R	Min. Turning Radius over Bucket	mm	7400
S	Min. Turning Radius over Tires	mm	6550
T	Steering Angle – Left/Right	°	38
U	Width at Tread Center	mm	2270
V	Overall Width over Tires	mm	2945

### TECHNICAL PARAMETERS

Basic	Bucket Capacity	4.2m <sup>3</sup>	
	Rated Payload	6500kg	
	Operating Weight	22000±300kg	
	Traction Force	195±5kN	
	Breakout Force	210±5kN	
battery system	LxWxH	8970x3200x3540mm	
	Maker	CATL	
	Type	LFP	
	Rated Storage Energy	350kwh	
	Nominal Voltage	580V	
Travelling Motor	Type Of Cooling	Water-Cooling	
	Rated Power	120kw	
	Rated Torque	1100N·m	
	Rated Speed	1050rpm	
	Type Of Cooling	Water-Cooling	
Pump Motor	Rated Power	105kw	
	Rated Torque	560N·m	
	Rated Speed	1800rpm	
	Type Of Cooling	Water-Cooling	
	DRIVE TRAIN	Type Of Transmission	Countershaft
Shift Type		Electronic Powershift Control	
Axles		Rigid (Front)&Oscillating (Rear)	
Rear Axle Oscillation (°)		±10°	
Differential		Conventional	
Main Reducer		Spiral Bevel, 1-stage Reduction	
Final Reducer		Planetary Reduction	
Tire		26.5-25 24PR	
Travel Speed-Forward		12/38 km/h	
Travel Speed-Reverse		17 km/h	
BRAKE SYSTEM		Service Brake	Full Hydraulic Braking
		Setting Pressure	12 MPa
	Parking Brake	Electric Control Handbrake	
Emergency Brake			
STEERING SYSTEM	Type	Hydraulic Load Sensing System	
	Pump	90ml/r	
	System Pressure	15MPa	
	Cylinder Type	Double Acting	
HYDRAULIC SYSTEM	Steering Angle	±35°	
	Type	Joystick Control (Single-lever)	
	Pump	112ml/r	
	Control Valve	2 Spool	
	System Pressure	19MPa	
SERVICE REFILL CAPACITY	Cycle Time (Sec)	10.5	
	Hydraulic Tank (L)	270L	
	Transmission (L)	10.5L	
Front Axle/Rear Axle (L)	28L/28L		

### CONFIGURATION

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

### OPTIONAL

423kwh Extra Capacity Battery
300kw Charging Pile
360kw Charging Pile
Electric Heating Rear Window
Bucket(7.0m <sup>3</sup> , 3 Piece Cutting Edges)

The following blank can be used for notes or comments

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

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BUCKET CAPACITY:	4.2m <sup>3</sup>
RATED PAYLOAD:	6500kg
OPERATING WEIGHT:	22000±300kg

Specifications and design are subject to change without prior notice.  
 Machines shown may not include optional accessories.