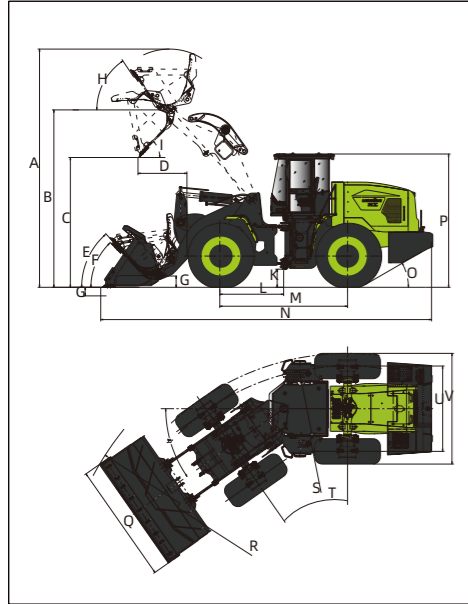


DIMENSIONS

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



NO.	DESCRIPTION	UNIT	High Dump
A	Overall Height – Bucket Raised	mm	5480
B	Bucket Pin Height at Max. Lift	mm	4460
C	Dump Clearance at Max. Lift (45°)	mm	3300
D	Reach at Max. Lift and 45° Dump	mm	1417
E	Rack Back Angle at Carry	°	50
F	Rack Back Angle at Ground	°	45
G	Digging Depth	mm	125
H	Rack Back Angle at Max. Lift	°	51
I	Dump Angle at Max. Lift	°	45
J	Carry Height	mm	400
K	Ground Clearance	mm	396
L	Center Line of Front Axle to Hitch	mm	1650
M	Wheel Base	mm	3340
N	Overall Length	mm	8960
O	Departure Angle	°	28
P	Height to Top of Cab	mm	3460
Q	Overall Width over Bucket	mm	2970
R	Min. Turning Radius over Bucket	mm	7373
S	Min. Turning Radius over Tires	mm	6721
T	Steering Angle – Left/Right	°	35
U	Width at Tread Center	mm	2240
V	Overall Width over Tires	mm	2835

TECHNICAL PARAMETERS

Basic	Bucket Capacity	3.2m ³
	Rated Payload	5500kg
	Operating Weight	17700±300kg
	Traction Force	170±5kN
	Breakout Force	155±5kN
LxWxH		8960x2970x3460mm
battery system	Maker	CATL
	Type	LFP
	Rated Storage Energy	282kwh
	Nominal Voltage	618V
	Type Of Cooling	Water-Cooling
Travelling Motor	Rated Power	100kw
	Rated Torque	900N·m
	Rated Speed	1060rpm
	Type Of Cooling	Water-Cooling
	Rated Power	105kw
Pump Motor	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	23.5-25 18PR
	Travel Speed-Forward	13/37 km/h
	Travel Speed-Reverse	13 km/h
BRAKE SYSTEM	Service Brake	Full Hydraulic Braking
	Setting Pressure	12 MPa
	Parking Brake	Flexible Shaft Controlled Caliper Brake
STEERING SYSTEM	Type	Hydraulic Load Sensing System
	Pump	90ml/r
	System Pressure	15MPa
HYDRAULIC SYSTEM	Cylinder Type	Double Acting
	Steering Angle	±35°
	Type	Joystick Control (Single-lever)
SERVICE REFILL CAPACITY	Pump	112ml/r
	Control Valve	2 Spool
	System Pressure	19MPa
SERVICE REFILL CAPACITY	Cycle Time (Sec)	10.5
	Hydraulic Tank (L)	265L
	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

350kwh Extra Capacity Battery
240kw Charging Pile
300kw Charging Pile
Radial Tires
Electric Heating Rear Window
Bucket(3.6m ³ , 3 Piece Cutting Edges)
Bucket(5.0m ³ , 3 Piece Cutting Edges)

LONKING 龙工

Efficiency Rules the Future

LG856T-E ELECTRIC WHEEL LOADER



The following blank can be used for notes or comments

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2024/12

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

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- BUCKET CAPACITY: 3.2m³
- RATED PAYLOAD: 5500kg
- OPERATING WEIGHT: 17700±300kg