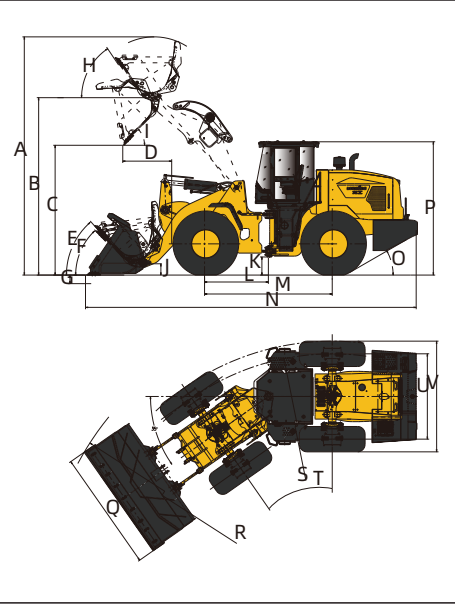


DIMENSIONS

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



NO.	DESCRIPTION	UNIT	DATA	High Dump
A	Overall Height – Bucket Raised	mm	5295	5736
B	Bucket Pin Height at Max. Lift	mm	4032	4470
C	Dump Clearance at Max. Lift (45°)	mm	2900	3350
D	Reach at Max. Lift and 45° Dump	mm	1270	1350
E	Rack Back Angle at Carry	°	46	46
F	Rack Back Angle at Ground	°	42	44
G	Digging Depth	mm	35	88
H	Rack Back Angle at Max. Lift	°	52	50
I	Dump Angle at Max. Lift	°	45	45
J	Carry Height	mm	400	400
K	Ground Clearance	mm	408	408
L	Center Line of Front Axle to Hitch	mm	1615	1615
M	Wheel Base	mm	3230	3230
N	Overall Length	mm	8170	8630
O	Departure Angle	°	28	28
P	Height to Top of Cab	mm	3400	3400
Q	Overall Width over Bucket	mm	2550	2550
R	Min. Turning Radius over Bucket	mm	6943	7226
S	Min. Turning Radius over Tire	mm	6427	6427
T	Steering Angle – Left/Right	°	35	35
U	Width at Tread Center	mm	1945	1945
V	Overall Width over Tires	mm	2540	2540

TECHNICAL PARAMETERS

Basic	Bucket Capacity	3.0m³
	Rated Payload	5000kg
	Operating Weight	15800±300kg
	Traction Force	150±3kN
	Breakout Force	≥170kN
	L×W×H	8170×2550×3400
Engine	Maker/Model	WEICHAI/WD10G198E212
	Rated Power	146kW/2200rpm
	Maximum Torque	950N·m /1500~1700rpm
	Bore x Stroke (mm)	126×130(mm×mm)
	No. of Cylinders	6/9.726L
	Air Cleaner	Three Stage Air Cleaner
	Alternator	70Amp
	Battery	2-24V/120Ah
	Starting Motor	24V/7.5kW
	Transmission Type	Planetary Powershift
DRIVE TRAIN	Shift Type	Mechanical Powershift Control
	Pressure of Transmission	1.1-1.5MPa
	Torque Converter Type	Single-stage,Duo-turbine,4-element
	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 L-3 16PR TT
	Travel Speed-Forward	12/37 km/h
BRAKE SYSTEM	Travel Speed-Reverse	16 km/h
	Service Brake	Full Hydraulic Braking
	Setting Pressure	12MPa
	Parking Brake	Flexible Shaft Controlled
	Emergency Brake	Caliper Brake
STEERING SYSTEM	Type	Hydraulic Load Sensing System
	Ram Pump	212L/min·2200rpm
	System Pressure	16MPa
	Cylinder Type	Double Acting
HYDRAULIC SYSTEM	Steering Angle	±35°
	Type	Joystick Control (Single-lever)
	Pump	162L/min·2200rpm
	Control Valve	2 Spool
SERVICE REFILL CAPACITY	System Pressure	26MPa
	Cycle Time (Sec)	≤9.0
	Fuel Tank (L)	280L
	Hydraulic Tank (L)	240L
	Crankshaft (L)	17L
	Transmission (L)	48L
	Front Axle/Rear Axle (L)	28L/28L

CONFIGURATION

WEICHAI Engine
LONKING Transmission
Mechanical Powershift Control
LONKING Axles (Dry type)
Joystick Working Control (Single-lever)
Full Hydraulic Service Brake
ROPS&FOPS Cabin
LCD Dashboard
Air Conditioner

OPTIONAL

Oil-bath Air Filter
Radial Tires
Limited Lifting Position
3rd Spool for Auxiliary Function
Sliding Cabin Window
Electric Heating Rear Window
Lockable Oil Tank Cap
Rear View Camera
Air Conditioner
Radio/MP3
Bucket(3 Piece Cutting Edges)
Rock Bucket(2.7m³)
Enlarged Bucket(3.2m³)
Enlarged Bucket(3.6m³)
Coal Bucket(4.0m³)
Coal Bucket(4.2m³)

**LONKING 龙工**  
Efficiency Rules the Future

**LG855GB**  
**WHEEL LOADER**



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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2024/12

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Tel: +86-21-3760 2242

<b>RATED POWER:</b>	<b>146kW/2200rpm</b>
<b>BUCKET CAPACITY:</b>	<b>3.0m³</b>
<b>RATED PAYLOAD:</b>	<b>5000kg</b>
<b>OPERATING WEIGHT:</b>	<b>15800±300kg</b>