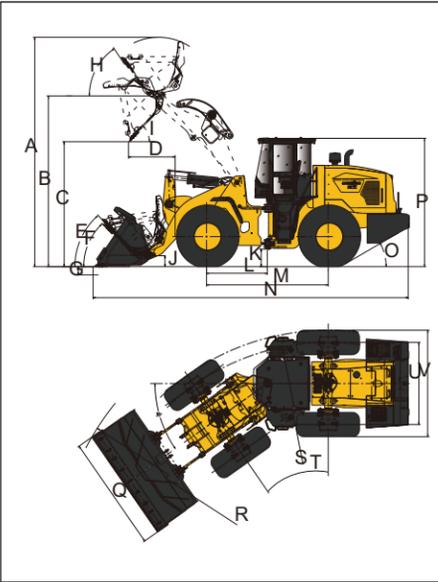


DIMENSIONS

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	4735	5040
B	Bucket Pin Height at Max. Lift	mm	3725	4044
C	Dump Clearance at Max. Lift (45°)	mm	2930	3250
D	Reach at Max. Lift and 45° Dump	mm	1065	1000
E	Rack Back Angle at Carry	°	46.2	50.8
F	Rack Back Angle at Ground	°	40.7	45.2
G	Digging Depth	mm	30-40	30-40
H	Rack Back Angle at Max. Lift	°	54.2	51.7
I	Dump Angle at Max. Lift	°	45	45
J	Carry Height	mm	400	400
K	Ground Clearance	mm	355	355
L	Center Line of Front Axle to Hitch	mm	1425	1425
M	Wheel Base	mm	2850	2850
N	Overall Length	mm	7120	7355
O	Departure Angle	°	26	26
P	Height to Top of Cab	mm	3180	3180
Q	Overall Width over Bucket	mm	2430	2430
R	Min. Turning Radius over Bucket	mm	6105	6170
S	Min. Turning Radius over Tires	mm	5445	5445
T	Steering Angle – Left/Right	°	35	35
U	Width at Tread Center	mm	1850	1850
V	Overall Width over Tires	mm	2320	2320

TECHNICAL PARAMETERS

Basic	Bucket Capacity	1.8m ³	
	Rated Payload	3200kg	
	Operating Weight	9800±300kg	
	Traction Force	100±3kN	
	Breakout Force	97±3kN	
	L×W×H	7120×2430×3180	
Engine	Maker/Model	WEICHAH/WP4G100E220	
	Rated Power	73kW/2200rpm	
	Maximum Torque	420N·m/1400-1600rpm	
	Bore x Stroke (mm)	105×130	
	No. of Cylinders /Displac.	4/4.5L	
	Air Cleaner	Three Stage Air Cleaner	
	Alternator	70Amp	
	Battery	2-24V/105Ah	
	Starting Motor	24V/6kW	
	DRIVE TRAIN	Transmission Type	Countershaft Powershift
Shift Type		Mechanical Powershift Control	
Pressure of Transmission		1.1-1.5MPa	
Torque Converter Type		Single-stage&turbine,3-element	
Axles		Rigid (Front)&Oscillating (Rear)	
Rear Axle Oscillation (°)		±10°	
Differential		Conventional	
Main Reducer		Spiral Bevel, 1-stage Reduction	
Final Reducer		Planetary Reduction	
Tire		17.5-25 L-3 12PR TT	
Travel Speed-Forward		7/13/24/38 km/h	
Travel Speed-Reverse		8.5/28 km/h	
BRAKE SYSTEM		Service Brake	Single Circuit Caliper, Dry Brake
		Setting Pressure	0.70-0.78MPa
	Parking Brake	Flexible Shaft Controlled Caliper Brake	
STEERING SYSTEM	Emergency Brake	Flexible Shaft Controlled Caliper Brake	
	Type	Hydraulic Load Sensing System	
	Pump	187L/min·2200rpm	
	System Pressure	14MPa	
HYDRAULIC SYSTEM	Cylinder Type	Double Acting	
	Steering Angle	±35°	
	Type	Joystick Control	
	Pump	187L/min·2200rpm	
SERVICE REFILL CAPACITY	Control Valve	2 Spool	
	System Pressure	24MPa	
	Cycle Time (Sec)	≤9.5	
	Fuel Tank (L)	200L	
	Hydraulic Tank (L)	80L	
	Crankshaft (L)	12L	
TRANSMISSION	Transmission (L)	36L	
	Front Axle/Rear Axle (L)	18L/18L	

CONFIGURATION

WEICHAH Engine
LONKING Transmission
Mechanical Powershift Control
LONKING Axles (Dry type)
Joystick Working Control
Flexible Shaft Controlled Caliper Brake
ROPS&FOPS Cabin
LCD Dashboard
Air Conditioner

OPTIONAL

Oil-bath Air Filter
17.5R25★★ L-3 TL
3rd Spool for Auxiliary Function
Sliding Cabin Window
Electric Heating Rear Window
Lockable Oil Tank Cap
Rear View Camera
Air Conditioner
Radio/MP3
Bucket(2.0m ³)
Enlarged Bucket(2.3m ³)
Coal Bucket(2.5m ³)
Bucket(3 Piece Cutting Edges)
Log Grapple
Grass Grapple
Side Tip Bucket
Log Fork
Quick Hitch Coupler
Quick Hitch Bucket
4in1 Bucket(Quick Hitch Only)
Snow Blade(Quick Hitch Only)

Grupo MOTORPART

LG836GB WHEEL LOADER



Grupo MOTORPART

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LONKING 龙工

Efficiency Rules the Future

■ RATED POWER:	73kW/2200rpm
■ BUCKET CAPACITY:	1.8m ³
■ RATED PAYLOAD:	3200kg
■ OPERATING WEIGHT:	9800±300kg