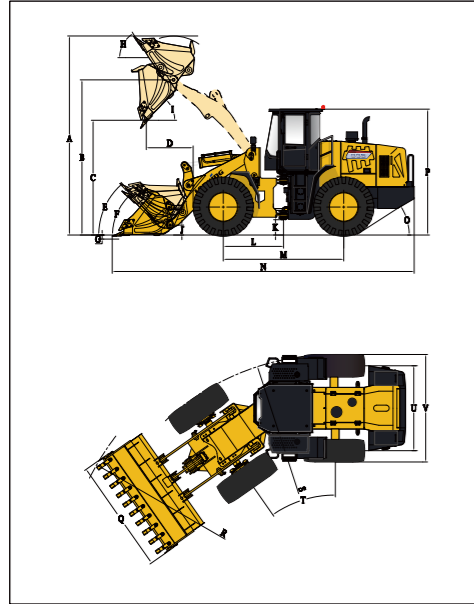


DIMENSIONS

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	4730
B	Bucket Pin Height at Max. Lift	mm	3710
C	Dump Clearance at Max. Lift (45°)	mm	2806
D	Reach at Max. Lift and 45° Dump	mm	1170
E	Rack Back Angle at Carry	°	47
F	Rack Back Angle at Ground	°	44
G	Digging Depth	mm	30-40
H	Rack Back Angle at Max. Lift	°	55
I	Dump Angle at Max. Lift	°	45
J	Carry Height	mm	400
K	Ground Clearance	mm	347
L	Center Line of Front Axle to Hitch	mm	1425
M	Wheel Base	mm	2850
N	Overall Length	mm	7520
O	Departure Angle	°	27
P	Height to Top of Cab	mm	3180
Q	Overall Width over Bucket	mm	2500
R	Min. Turning Radius over Bucket	mm	6240
S	Min. Turning Radius over Tires	mm	5680
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	1.8m ³	
	Rated Payload	3500kg	
	Operating Weight	11620±300kg	
	Traction Force	106±3kN	
	Breakout Force	103±3kN	
	L×W×H	7520×2500×3180mm	
ENGINE	Maker/Model	WEICHAI/WP6G140E22	
	Rated Power	105kW/2200rpm	
	Maximum Torque	580N·m/1400-1600rpm	
	Bore x Stroke	105×130mm	
	No. of Cylinders /Displacement	6/6.75L	
	Air Cleaner	Three Stage Air Cleaner	
	Alternator	70Amp	
	Battery	2-24V/105Ah	
DRIVE TRAIN	Starting Motor	24V/6kW	
	Transmission Type	Countershaft Powershift	
	Shift Type	Electronic 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	
	BRAKE SYSTEM	Travel Speed-Forward	6.5/12/32 km/h
Travel Speed-Reverse		6.8/12.5/33.5 km/h	
Service Brake		Single Circuit Caliper,Dry Brake	
Setting Pressure		0.70-0.78MPa	
Parking Brake		Flexible Shaft Controlled	
Emergency Brake		Caliper Brake	
STEERING SYSTEM		Type	Hydraulic Load Sensing System
		Pump	246L/min:2200rpm
		System Pressure	14MPa
		Cylinder Type	Double Acting
HYDRAULIC SYSTEM	Steering Angle	±35°	
	Type	Joystick Control (Single-lever)	
	Pump	246L/min:2200rpm	
	Control Valve	2 Spool	
SERVICE REFILL CAPACITY	System Pressure	16MPa	
	Cycle Time (Sec)	10.5	
	Fuel Tank	200L	
	Hydraulic Tank	173/178(3rd Spool)L	
	Crankshaft	17L	
	Transmission	37L	
Front Axle/Rear Axle	18.5L/18.5L		

CONFIGURATION

WEICHAI Engine
LONKING Transmission
Electronic Powershift Control
LONKING Axles (Dry type)
Joystick Working Control (Single-lever)
Flexible Shaft Controlled Caliper Brake
ROPS&FOPS Cabin
Combination Instrument
Air Conditioner

OPTIONAL

Mechanical Shift Working Control
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
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)

LONKING 龙工

CDM835 WHEEL LOADER

Efficiency Rules the Future



The following blank can be used for notes or comments.

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

- RATED POWER: 105kW/2200rpm
- BUCKET CAPACITY: 1.8m³
- RATED PAYLOAD: 3500kg
- OPERATING WEIGHT: 11620kg