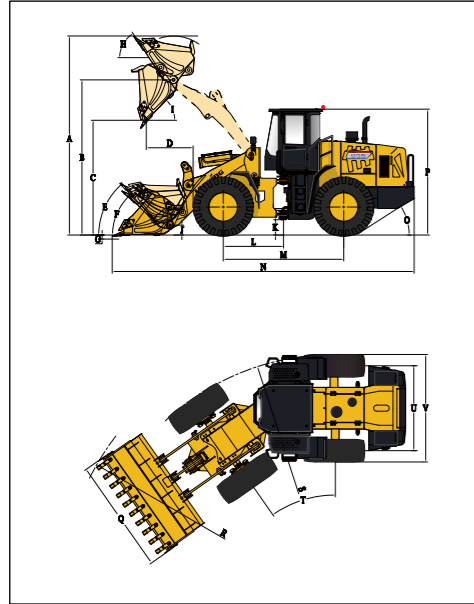


DIMENSIONS

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 (mm)	105×130mm
	No. of Cylinders /Displacement	6/6.75L
	Air Cleaner	Three Stage Air Cleaner
	Alternator	70Amp
	Battery	2-24V/105Ah
	Starting Motor	24V/6kW
	DRIVE TRAIN	Transmission Type
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
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
STEERING SYSTEM	Parking Brake	Flexible Shaft Controlled
	Emergency Brake	Caliper Brake
	Type	Hydraulic Load Sensing System
	Pump	246L/min·2200rpm
HYDRAULIC SYSTEM	System Pressure	14MPa
	Cylinder Type	Double Acting
	Steering Angle	±35°
	Pump	246L/min·2200rpm
SERVICE REFILL CAPACITY	Control Valve	2 Spool
	System Pressure	16MPa
	Cycle Time (Sec)	10.5
	Fuel Tank (L)	200L
	Hydraulic Tank (L)	173/178(3rd Spool)L
	Crankshaft (L)	17L
	Transmission (L)	37L
	Front Axle/Rear Axle (L)	18.5L/18.5L

CONFIGURATION

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

Basic Code: 10803512750

CDM835

WHEEL LOADER

Efficiency Rules the Future



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2021/03

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

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■ RATED POWER:	105kW/2200rpm
■ BUCKET CAPACITY:	1.8m ³
■ RATED PAYLOAD:	3500kg
■ OPERATING WEIGHT:	11620kg