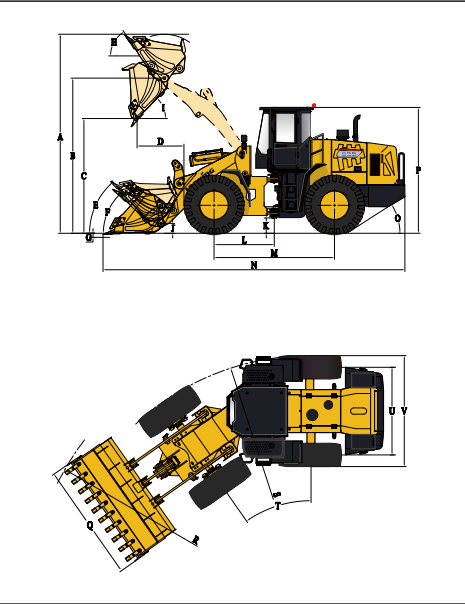


DIMENSIONS

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	4898
B	Bucket Pin Height at Max. Lift	mm	3767
C	Dump Clearance at Max. Lift (45°)	mm	2915
D	Reach at Max. Lift and 45° Dump	mm	1110
E	Rack Back Angle at Carry	°	51
F	Rack Back Angle at Ground	°	45
G	Digging Depth	mm	40-45
H	Rack Back Angle at Max. Lift	°	47
I	Dump Angle at Max. Lift	°	45
J	Carry Height	mm	400
K	Ground Clearance	mm	567
L	Center Line of Front Axle to Hitch	mm	1070
M	Wheel Base	mm	2950
N	Overall Length	mm	7270
O	Departure Angle	°	30
P	Height to Top of Cab	mm	3300
Q	Overall Width over Bucket	mm	2800
R	Min. Turning Radius over Bucket	mm	7812
S	Min. Turning Radius over Tires	mm	5837
T	Steering Angle – Left/Right	°	35
U	Width at Tread Center	mm	2060
V	Overall Width over Tires	mm	2580

TECHNICAL PARAMETERS

BASIC	Bucket Capacity	2.3m³
	Rated Payload	4000kg
	Operating Weight	12460±300kg
	Traction Force	120±3kN
	Breakout Force	115±3kN
	L×W×H	7270×2800×3300mm
ENGINE	Maker/Model	WEICHAI/WP6G175E22
	Rated Power	129kW/2200rpm
	Maximum Torque	700N·m/1300-1500rpm
	Bore x Stroke	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 TRAN	Transmission Type	Planetary Powershift
	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	20.5-25 L-3 16PR TT
	Travel Speed-Forward	11.5/36 km/h
	Travel Speed-Reverse	16 km/h
BRAKE SYSTEM	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	138L/min 2200rpm
	System Pressure	16MPa
	Cylinder Type	Double Acting
HYDRAULIC SYSTEM	Steering Angle	±35°
	Type	Joystick Control (Single-lever)
	Pump	110L/min 2200rpm
	Control Valve	2 Spool
SERVICE REFILL CAPACITY	System Pressure	16MPa
	Cycle Time (Sec)	11.5
	Fuel Tank	240L
	Hydraulic Tank	220/225(3rd Spool)L
	Crankshaft	17L
	Transmission	46L
	Front Axle/Rear Axle	23L/23L

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
Mechanical Instrument Panel
Air Conditioner

OPTIONAL

Mechanical Shift Working Control
Oil-bath Air Filter
20.5R25 ★★ L-3 TL
Sliding Cabin Window
Electric Heating Rear Window
Lockable Oil Tank Cap
Rear View Camera
Bucket(3 Piece Cutting Edges)
Enlarged Bucket(2.5m³)

Lonking 龙工

Basic Code: 10804312770

CDM843
WHEEL LOADER
Efficiency Rules the Future



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Please contact our local agent:

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2020/03

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

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- RATED POWER: 129kW/2200rpm
- BUCKET CAPACITY: 2.3m³
- RATED PAYLOAD: 4000kg
- OPERATING WEIGHT: 12460kg