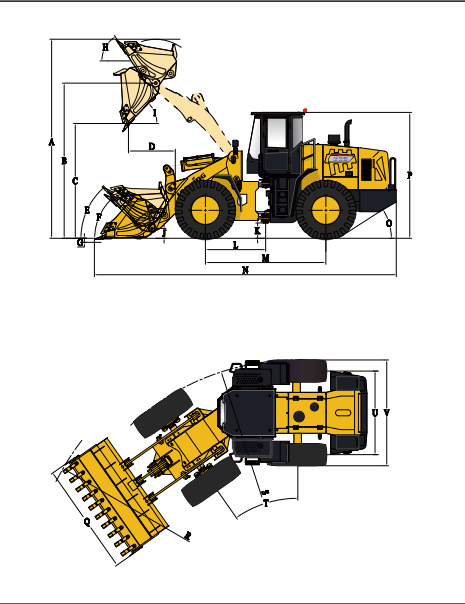


DIMENSIONS

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	5323
B	Bucket Pin Height at Max. Lift	mm	4163
C	Dump Clearance at Max. Lift (45°)	mm	3080
D	Reach at Max. Lift and 45° Dump	mm	1256
E	Rack Back Angle at Carry	°	49.3
F	Rack Back Angle at Ground	°	46
G	Digging Depth	mm	50
H	Rack Back Angle at Max. Lift	°	58.3
I	Dump Angle at Max. Lift	°	45
J	Carry Height	mm	400
K	Ground Clearance	mm	409
L	Center Line of Front Axle to Hitch	mm	1615
M	Wheel Base	mm	3230
N	Overall Length	mm	8200
O	Departure Angle	°	30
P	Height to Top of Cab	mm	3380
Q	Overall Width over Bucket	mm	3010
R	Min. Turning Radius over Bucket	mm	7346
S	Min. Turning Radius over Tires	mm	6650
T	Steering Angle – Left/Right	°	35
U	Width at Tread Center	mm	2240
V	Overall Width over Tires	mm	2835

TECHNICAL PARAMETERS

BASIC	Bucket Capacity	3.0m³
	Rated Payload	5000kg
	Operating Weight	17300±300kg
	Traction Force	155±3kN
	Breakout Force	170±3kN
	L×W×H	8200×3010×3380mm
ENGINE	Maker/Model	WEICHAI/WD10G220E21
	Rated Power	162kW/2200rpm
	Maximum Torque	860N·m/1400-1600rpm
	Bore x Stroke	126×130mm
	No. of Cylinders	6/9.726L
	/Displacement	
	Air Cleaner	Three Stage Air Cleaner
	Alternator	55Amp
	Battery	2-24V/120Ah
	Starting Motor	24V/7.5kW
DRIVE TRAIN	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	23.5-25 L-3 16PR TT
	Travel Speed-Forward	6.8/13/23/36 km/h
	Travel Speed-Reverse	6.8/13/23 km/h
BRAKE SYSTEM	Service Brake	Single Circuit Caliper,Dry Brake
	Setting Pressure	0.70-0.78MPa
	Parking Brake	Hydraulic Actuated Drum Brake
	Emergency Brake	Hydraulic Actuated Drum Brake
STEERING SYSTEM	Type	Hydraulic Load Sensing System
	Pump	176L/min-2200rpm
	System Pressure	15MPa
	Cylinder Type	Double Acting
HYDRAULIC SYSTEM	Steering Angle	±35°
	Type	Joystick Control (Single-lever)
	Pump	220L/min-2200rpm
	Control Valve	2 Spool
SERVICE REFILL CAPACITY	System Pressure	16MPa
	Cycle Time (Sec)	11
	Fuel Tank	285L
	Hydraulic Tank	270/275(3rd Spool)L
	Crankshaft	20L
	Transmission	30L
	Front Axle/Rear Axle	28L/28L

CONFIGURATION

WEICHAI Engine
ZF Transmission
Electronic Powershift Control
LONKING Axles (Dry type)
Joystick Working Control (Single-lever)
Hydraulic Actuated Drum Brake
ROPS&FOPS Cabin
Combination Instrument
Air Conditioner

OPTIONAL

High Dump
Oil-bath Air Filter
Cold Starting(-35℃)
Radial Tires
3rd Spool for Auxiliary Function
Sliding Cabin Window
Electric Heating Rear Window
Lockable Oil Tank Cap
Rear View Camera
Bucket(3 Piece Cutting Edges)
Rock Bucket(3.0m³)
Enlarged Bucket(3.5m³)
Coal Bucket(4.2m³)
Log Grapple
Grass Grapple
Marble Fork
Log Fork
Quick Hitch Coupler
Quick Hitch Bucket(3.0m³)
4in1 Bucket(Quick Hitch Only)
Snow Blade(Quick Hitch Only)

LONKING 龙工

Basic Code: 10805613725

CDM856  
WHEEL LOADER  
Efficiency Rules the Future



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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: 162kW/2200rpm
- BUCKET CAPACITY: 3m³
- RATED PAYLOAD: 5000kg
- OPERATING WEIGHT: 17300kg