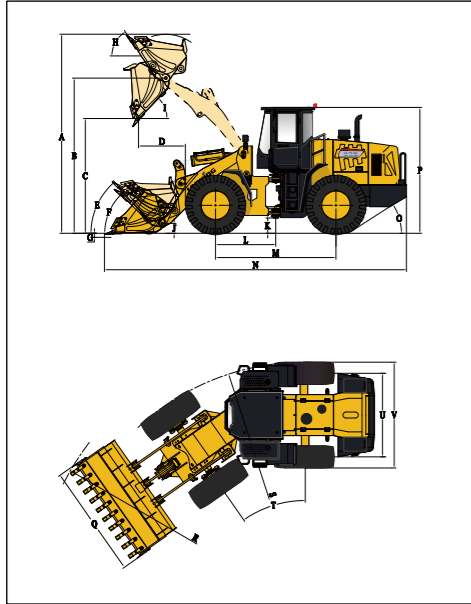


## DIMENSIONS

All dimensions are approximate. Dimensions may vary with bucket and tire choice. Refer to operating specifications.



NO.	DESCRIPTION	UNIT	STD	HD
A	Overall Height – Bucket Raised	mm	5888	6264
B	Bucket Pin Height at Max. Lift	mm	4550	4893
C	Dump Clearance at Max. Lift (45°)	mm	3411	3760
D	Reach at Max. Lift and 45° Dump	mm	1206	1250
E	Rack Back Angle at Carry	°	49	49.9
F	Rack Back Angle at Ground	°	44	47.7
G	Digging Depth	mm	95	162
H	Rack Back Angle at Max. Lift	°	54	49.9
I	Dump Angle at Max. Lift	°	45	45
J	Carry Height	mm	400	400
K	Ground Clearance	mm	432	432
L	Center Line of Front Axle to Hitch	mm	1700	1700
M	Wheel Base	mm	3400	3400
N	Overall Length	mm	8610	8985
O	Departure Angle	°	28	28
P	Height to Top of Cab	mm	3430	3430
Q	Overall Width over Bucket	mm	3050	3060
R	Min. Turning Radius over Bucket	mm	7650	7579
S	Min. Turning Radius over Tires	mm	6798	6820
T	Steering Angle – Left/Right	°	35	35
U	Width at Tread Center	mm	2270	2270
V	Overall Width over Tires	mm	2865	2865

## TECHNICAL PARAMETERS

Category	Parameter	Value
BASIC	Bucket Capacity	3.5m <sup>3</sup>
	Rated Payload	6000kg
	Operating Weight	20850±300kg
	Traction Force	175±3kN
	Breakout Force	200±3kN
	L×W×H	8610×3050×3430mm
ENGINE	Maker/Model	WEICHAH/WD10G240E21
	Rated Power	175kW/2200rpm
	Maximum Torque	920N·m/1300-1600rpm
	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 20PR TT
	Travel Speed-Forward	6.7/11.7/23.8/37.5 km/h
	Travel Speed-Reverse	6.7/11.7/23.8 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	16MPa
	Cylinder Type	Double Acting
HYDRAULIC SYSTEM	Steering Angle	±35°
	Type	Joystick Control (Single-lever)
	Pump	275L/min-2200rpm
	Control Valve	2 Spool
SERVICE REFILL CAPACITY	System Pressure	16MPa
	Cycle Time (Sec)	11.8
	Fuel Tank	285L
	Hydraulic Tank	270/275(3rd Spool)L
	Crankshaft	20L
Transmission	32L	
Front Axle/Rear Axle	31L/31L	

## CONFIGURATION

WEICHAH 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(3.8m <sup>3</sup> )
Coal Bucket(4.5m <sup>3</sup> )
Enlarged Coal Bucket(5.0m <sup>3</sup> )
Quick Hitch Coupler
Quick Hitch Bucket
Quick Hitch Coupler
Quick Hitch Fork
Quick Hitch Log Fork

# LONKING 龙工

Basic Code: 10806011260

# CDM860

## WHEEL LOADER

Efficiency Rules the Future



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Please contact our local agent:

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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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http://www.lonkinggroup.com

■ RATED POWER:	175kW/2200rpm
■ BUCKET CAPACITY:	3.5m <sup>3</sup>
■ RATED PAYLOAD:	6000kg
■ OPERATING WEIGHT:	21150kg