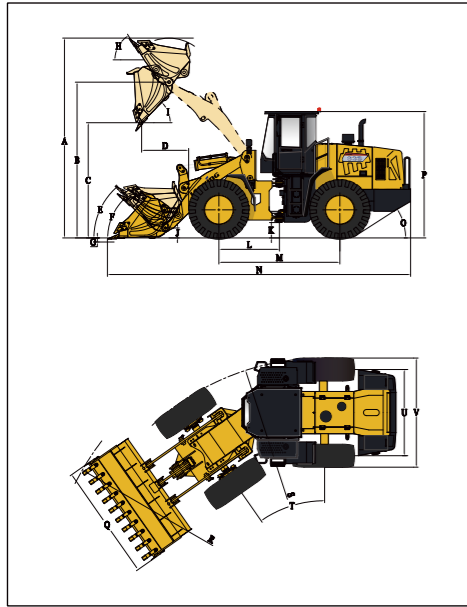


## DIMENSIONS

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



NO.	DESCRIPTION	UNIT	DATE
A	Overall Height – Bucket Raised	mm	6335
B	Bucket Pin Height at Max. Lift	mm	4720
C	Dump Clearance at Max. Lift (45°)	mm	3450
D	Reach at Max. Lift and 45° Dump	mm	1300
E	Rack Back Angle at Carry	°	48
F	Rack Back Angle at Ground	°	46
G	Digging Depth	mm	60
H	Rack Back Angle at Max. Lift	°	56
I	Dump Angle at Max. Lift	°	45
J	Carry Height	mm	400
K	Ground Clearance	mm	480
L	Center Line of Front Axle to Hitch	mm	1725
M	Wheel Base	mm	3450
N	Overall Length	mm	8860
O	Departure Angle	°	29
P	Height to Top of Cab	mm	3540
Q	Overall Width over Bucket	mm	3200
R	Min. Turning Radius over Bucket	mm	7750
S	Min. Turning Radius over Tires	mm	6607
T	Steering Angle – Left/Right	°	35
U	Width at Tread Center	mm	2270
V	Overall Width over Tires	mm	2945

## TECHNICAL PARAMETERS

Basic	Bucket Capacity	4.2m <sup>3</sup>
	Rated Payload	6500kg
	Operating Weight	21700±300kg
	Traction Force	180±5kN
	Breakout Force	210±5kN
	L×W×H	8860×3200×3540mm
Engine	Maker/Model	WEICHA/ WP10G240E341
	Rated Power	178kW/2200rpm
	Maximum Torque	1200N·m/1400-1600rpm
	Bore x Stroke (mm)	126×130mm
	No. of Cylinders	6/9.726L
	Air Cleaner	Three Stage Air Cleaner
	Alternator	70Amp
	Battery	2-24V/120Ah
	Starting Motor	24V/7.5kW
	DRIVE TRAIN	Transmission Type
Shift Type		Automatic electric proportional shift
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		26.5-25 L-3 24PR TT
BRAKE SYSTEM	Service Brake	Single Circuit Caliper,Dry Brake
	Setting Pressure	0.70-0.78MPa
	Parking Brake	Pneumatic drum brake
	Emergency Brake	Pneumatic drum brake
STEERING SYSTEM	Type	Hydraulic Load Sensing System
	Pump	186L/min·2200rpm
	System Pressure	16MPa
	Cylinder Type	Double Acting
HYDRAULIC SYSTEM	Steering Angle	±35°
	Type	Joystick Control (Single-lever)
	Pump	232L/min·2200rpm
	Control Valve	2 Spool
SERVICE REFILL CAPACITY	System Pressure	19MPa
	Cycle Time (Sec)	10.8
	Fuel Tank (L)	330L
	Hydraulic Tank (L)	270L
	Crankshaft (L)	19L
	Transmission (L)	48L(CH-4)
	Front Axle/Rear Axle (L)	31L/31L

## CONFIGURATION

WEICHA Engine
ZF Transmission
Electronic Powershift Control
LONKING Axles (Dry type)
Joystick Working Control (Single-lever)
Pneumatic drum brake
ROPS&FOPS Cabin
LCD Dashboard
Air Conditioner

## OPTIONAL

Oil-bath Air Filter
Cold Starting(-35℃)
Radial Tires
Sliding Cabin Window
Electric Heating Rear Window
Lockable Oil Tank Cap
Rear View Camera
Bucket(3.5m <sup>3</sup> ,3 Piece Cutting Edges)
Bucket(2.9m <sup>3</sup> ,3 Piece Cutting Edges)

# LONKING 龙工

Efficiency Rules the Future



# CDM866HS WHEEL LOADER

The following blank can be used for notes or comments

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

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■ RATED POWER:	178kW/2200rpm
■ BUCKET CAPACITY:	4.2m <sup>3</sup>
■ RATED PAYLOAD:	6500kg
■ OPERATING WEIGHT:	21700±300kg