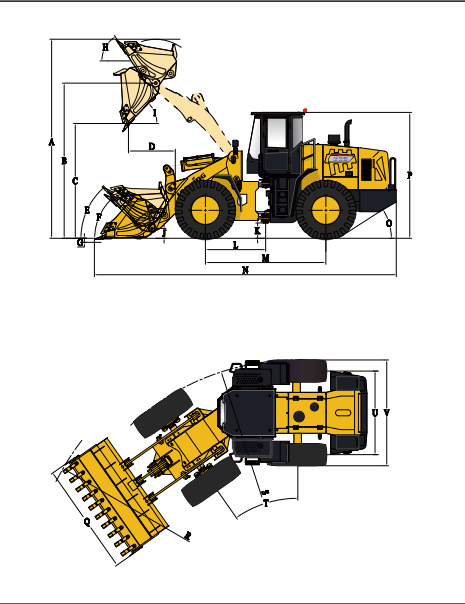


DIMENSIONS

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	8100
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	7240
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	8100×3010×3380mm
ENGINE	Maker/Model	6CTAA8.3-C215
	Rated Power	160kW/2200rpm
	Maximum Torque	904N·m/1400rpm
	Bore x Stroke	114×135mm
	No. of Cylinders /Displacement	6/8.3L
	Air Cleaner	Dry, Double Elements
	Alternator	70Amp
	Battery	2-24V/120Ah
DRIVE TRAIN	Starting Motor	24V/7.8kW
	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
BRAKE SYSTEM	Tire	23.5-25 L-3 16PR TT
	Travel Speed-Forward	11.5/36 km/h
	Travel Speed-Reverse	16 km/h
	Service Brake	Single Circuit Caliper, Dry Brake
STEERING SYSTEM	Setting Pressure	0.70-0.78MPa
	Parking Brake	Air Actuated Caliper Brake
	Emergency Brake	Air Actuated Caliper Brake
	Type	Hydraulic Load Sensing System
HYDRAULIC SYSTEM	Pump	176L/min-2200rpm
	System Pressure	15MPa
	Cylinder Type	Double Acting
	Steering Angle	±35°
SERVICE REFILL CAPACITY	Type	Joystick Control (Single-lever)
	Pump	220L/min-2200rpm
	Control Valve	2 Spool
	System Pressure	16MPa
	Cycle Time (Sec)	11
SERVICE REFILL CAPACITY	Fuel Tank	285L
	Hydraulic Tank	270/275(3rd Spool)L
	Crankshaft	20L
	Transmission	46L
SERVICE REFILL CAPACITY	Front Axle/Rear Axle	28L/28L

CONFIGURATION

Cummins Engine (DCEC)
LONKING Transmission
Mechanical Powershift Control
LONKING Axles (Dry type)
Joystick Working Control (Single-lever)
Air Actuated Caliper Brake
ROPS&FOPS Cabin
Combination Instrument
Air Conditioner

OPTIONAL

High Dump
Oil-bath Air Filter
Cold Starting(-35°C)
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)

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2020/03

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

LONKING 龙工

Basic Code: 10805611720

CDM856
WHEEL LOADER
Efficiency Rules the Future



- RATED POWER: 160kW/2200rpm
- BUCKET CAPACITY: 3m³
- RATED PAYLOAD: 5000kg
- OPERATING WEIGHT: 17300kg

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