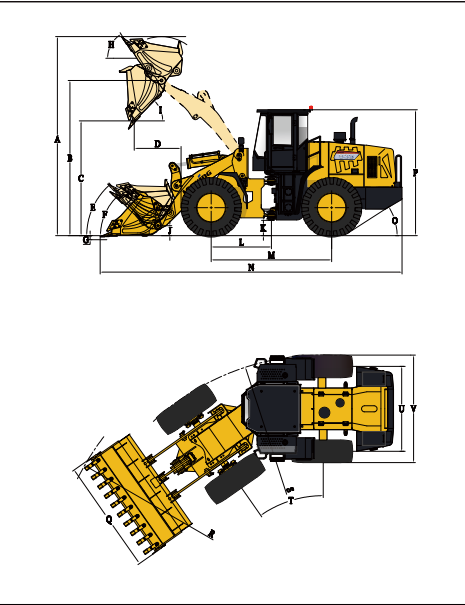


DIMENSIONS

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	4730
B	Bucket Pin Height at Max. Lift	mm	3710
C	Dump Clearance at Max. Lift (45°)	mm	2806
D	Reach at Max. Lift and 45° Dump	mm	1170
E	Rack Back Angle at Carry	°	47
F	Rack Back Angle at Ground	°	44
G	Digging Depth	mm	30-40
H	Rack Back Angle at Max. Lift	°	55
I	Dump Angle at Max. Lift	°	45
J	Carry Height	mm	400
K	Ground Clearance	mm	347
L	Center Line of Front Axle to Hitch	mm	1425
M	Wheel Base	mm	2850
N	Overall Length	mm	7520
O	Departure Angle	°	27
P	Height to Top of Cab	mm	3180
Q	Overall Width over Bucket	mm	2500
R	Min. Turning Radius over Bucket	mm	6240
S	Min. Turning Radius over Tires	mm	5680
T	Steering Angle – Left/Right	°	35
U	Width at Tread Center	mm	1850
V	Overall Width over Tires	mm	2320

TECHNICAL PARAMETERS

BASIC	Bucket Capacity	1.8m³
	Rated Payload	3500kg
	Operating Weight	11620±300kg
	Traction Force	106±3kN
	Breakout Force	103±3kN
	L×W×H	7520×2500×3180mm
ENGINE	Maker/Model	6BTAA5.9-C130
	Rated Power	97kW/2200rpm
	Maximum Torque	580N·m/1400rpm
	Bore x Stroke (mm)	102×120mm
	No. of Cylinders /Displacement	6/5.9L
	Air Cleaner	Dry, Double Elements
	Alternator	70Amp
	Battery	2-24V/105Ah
	Starting Motor	24V/6kW
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	17.5-25 L-3 12PR TT
	Travel Speed-Forward	6.5/12/32 km/h
BRAKE SYSTEM	Travel Speed-Reverse	6.8/12.5/33.5 km/h
	Service Brake	Single Circuit Caliper, Dry Brake
	Setting Pressure	0.70-0.78MPa
	Parking Brake	Flexible Shaft Controlled Caliper Brake
	Emergency Brake	
STEERING SYSTEM	Type	Hydraulic Load Sensing System
	Pump	246L/min-2200rpm
	System Pressure	14MPa
	Cylinder Type	Double Acting
HYDRAULIC SYSTEM	Steering Angle	±35°
	Type	Joystick Control (Single-lever)
	Pump	246L/min-2200rpm
	Control Valve	2 Spool
SERVICE REFILL CAPACITY	System Pressure	16MPa
	Cycle Time (Sec)	10.5
	Fuel Tank (L)	200L
	Hydraulic Tank (L)	173/178(3rd Spool)L
	Crankshaft (L)	17L
	Transmission (L)	37L
	Front Axle/Rear Axle (L)	18.5L/18.5L

CONFIGURATION

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

OPTIONAL

Mechanical Shift Working Control
Oil-bath Air Filter
17.5R25 ★★ L-3 TL
3rd Spool for Auxiliary Function
Sliding Cabin Window
Electric Heating Rear Window
Lockable Oil Tank Cap
Rear View Camera
Bucket(2.0m³)
Enlarged Bucket(2.3m³)
Coal Bucket(2.5m³)
Bucket(3 Piece Cutting Edges)
Log Grapple
Grass Grapple
Side Tip Bucket
Log Fork
Quick Hitch Coupler
Quick Hitch Bucket
4in1 Bucket(Quick Hitch Only)
Snow Blade(Quick Hitch Only)

LONKING 龙工

CDM835
WHEEL LOADER
Efficiency Rules the Future



INTERTRAC

Material Handling ☎ 900 818 978

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- RATED POWER: 97kW/2200rpm
- BUCKET CAPACITY: 1.8m³
- RATED PAYLOAD: 3500kg
- OPERATING WEIGHT: 11620kg