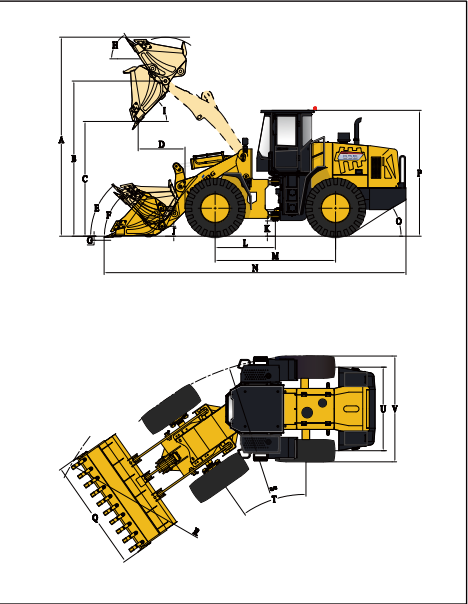


DIMENSIONS

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	5210	5654
B	Bucket Pin Height at Max. Lift	mm	4136	4506
C	Dump Clearance at Max. Lift (45°)	mm	3078	3439
D	Reach at Max. Lift and 45° Dump	mm	1190	1180
E	Rack Back Angle at Carry	°	48.3	46.3
F	Rack Back Angle at Ground	°	45	43.3
G	Digging Depth	mm	45	45
H	Rack Back Angle at Max. Lift	°	52.6	49
I	Dump Angle at Max. Lift	°	45	45
J	Carry Height	mm	400	400
K	Ground Clearance	mm	556	541
L	Center Line of Front Axle to Hitch	mm	1120	1120
M	Wheel Base	mm	2930	2930
N	Overall Length	mm	7760	8180
O	Departure Angle	°	28.6	24
P	Height to Top of Cab	mm	3380	3380
Q	Overall Width over Bucket	mm	3000	3000
R	Min. Turning Radius over Bucket	mm	6805	7023
S	Min. Turning Radius over Tires	mm	6182	6182
T	Steering Angle – Left/Right	°	35	35
U	Width at Tread Center	mm	2240	2240
V	Overall Width over Tires	mm	2835	2835

TECHNICAL PARAMETERS

BASIC	Bucket Capacity	2.7m³
	Rated Payload	5000kg
	Operating Weight	16400(16600 HD)±300kg
	Traction Force	155±3kN
	Breakout Force	155±3kN
	L×W×H	7870×3000×3380mm
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	70Amp
DRIVE TRAIN	Battery	2-24V/120Ah
	Starting Motor	24V/7.5kW
	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
BRAKE SYSTEM	Final Reducer	Planetary Reduction
	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
	Setting Pressure	0.70-0.78MPa
	Parking Brake	Flexible Shaft Controlled
	Emergency Brake	Caliper Brake
	Type	Hydraulic Load Sensing System
	Pump	176L/min·2200rpm
STEERING SYSTEM	System Pressure	15MPa
	Cylinder Type	Double Acting
	Steering Angle	±35°
	Type	Joystick Control (Single-lever)
HYDRAULIC SYSTEM	Pump	220L/min·2200rpm
	Control Valve	2 Spool
	System Pressure	16MPa
	Cycle Time	11.5
SERVICE REFILL CAPACITY	Fuel Tank	280L
	Hydraulic Tank	245/250(3rd Spool)L
	Crankshaft	20L
	Transmission	46L
	Front Axle/Rear Axle	28L/28L

CONFIGURATION

WEICHAI Engine
LONKING Transmission
Mechanical 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
High Dump
Oil-bath Air Filter
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)
Russian Bucket(3.0m³)
Log Grapple
Grass Grapple
Marble Fork
Log Fork
Quick Hitch Coupler
Quick Hitch Bucket(2.7m³)
Snow Blade(Quick Hitch Only)

LONKING 龙工

Basic Code: 10805313835

CDM853
WHEEL LOADER
Efficiency Rules the Future



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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: 162kW/2200rpm
- BUCKET CAPACITY: 2.7m³
- RATED PAYLOAD: 5000kg
- OPERATING WEIGHT: 16400/16600kg