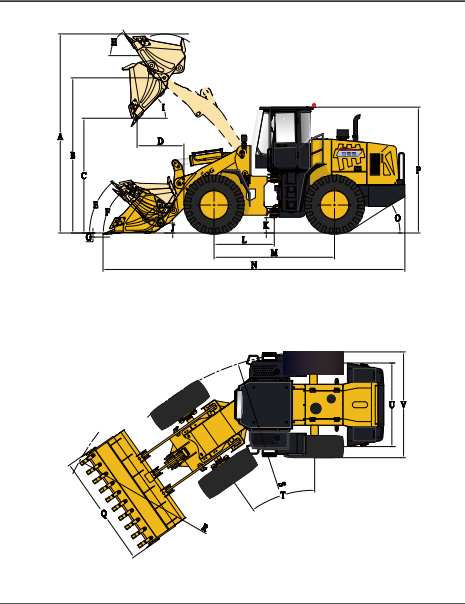


DIMENSIONS

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



NO.	DESCRIPTION	UNIT	STD	H D
A	Overall Height – Bucket Raised	mm	5455	5728
B	Bucket Pin Height at Max. Lift	mm	4283	4510
C	Dump Clearance at Max. Lift (45°)	mm	3100	3340
D	Reach at Max. Lift and 45° Dump	mm	1611	1547
E	Rack Back Angle at Carry	°	43	45
F	Rack Back Angle at Ground	°	42	42
G	Digging Depth	mm	78	50
H	Rack Back Angle at Max. Lift	°	59	50
I	Dump Angle at Max. Lift	°	40.7	40
J	Carry Height	mm	400	400
K	Ground Clearance	mm	408	408
L	Center Line of Front Axle to Hitch	mm	1650	1650
M	Wheel Base	mm	3300	3300
N	Overall Length	mm	8430	8570
O	Departure Angle	°	30	30
P	Height to Top of Cab	mm	3380	3380
Q	Overall Width over Bucket	mm	3100	3100
R	Min. Turning Radius over Bucket	mm	7035	7100
S	Min. Turning Radius over Tires	mm	6237	6237
T	Steering Angle – Left/Right	°	38	38
U	Width at Tread Center	mm	2300	2300
V	Overall Width over Tires	mm	2895	2895

TECHNICAL PARAMETERS

BASIC	Bucket Capacity	3.6m³
	Rated Payload	5600kg
	Operating Weight	18700(HD19250)±300kg
	Traction Force	165±3kN
	Breakout Force	185±3kN
	L×W×H	8430(8570)×3100×3380mm
ENGINE	Maker/Model	WEICHAI/WP10G220E341
	Rated Power	162kW/2200rpm
	Maximum Torque	950N·m/1400-1600rpm
	Bore x Stroke (mm)	126×130mm
	No. of Cylinders /Displacement	6/9.726L
	Air Cleaner	Three Stage Air Cleaner
	Alternator	70Amp
	Battery	2-24V/120Ah
	Starting Motor	24V/7.5kW
DRIVE TRAIN	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
	Tire	Front: 23.5-25 L-3 20PR Rear: 23.5-25 L-3 16PR
BRAKE SYSTEM	Travel Speed-Forward	11.5/36 km/h
	Travel Speed-Reverse	16 km/h
	Service Brake	Gas Push Oil Caliper Brake
	Setting Pressure	0.70-0.78MPa
	Parking Brake	Air Actuated Caliper Brake
STEERING SYSTEM	Emergency Brake	Air Actuated Caliper Brake
	Type	Hydraulic Load Sensing System
	Pump	220L/min-2200rpm
	System Pressure	15MPa
HYDRAULIC SYSTEM	Cylinder Type	Double Acting
	Steering Angle	±38°
	Type	Joystick Control (Single-lever)
	Pump	220L/min-2200rpm
SERVICE REFILL CAPACITY	Control Valve	2 Spool
	System Pressure	19MPa
	Cycle Time (Sec)	11
	Fuel Tank (L)	285L
	Hydraulic Tank (L)	265L
	Crankshaft (L)	17L
	Transmission (L)	48L
	Front Axle/Rear Axle (L)	28L/28L

CONFIGURATION

WEICHAI Engine
LONKING Transmission
Mechanical Powershift Control
LONKING Axles (Dry type)
Joystick Working Control (Single-lever)
Air Actuated Caliper Brake
ROPS&FOPS Cabin
Combination Instrument Panel
Warm-air Machine

OPTIONAL

High Dump
Oil-bath Air Filter
Radial Tires
Limited Lifting Position
3rd Spool for Auxiliary Function
Sliding Cabin Window
Electric Heating Rear Window
Lockable Oil Tank Cap
Rear View Camera
Air Conditioner
Log Grapple
Grass Grapple
Side Tip Bucket
Marble Fork
Log Fork
Quick Hitch Coupler
Quick Hitch Bucket
4in1 Bucket(Quick Hitch Only)
Snow Blade(Quick Hitch Only)

LONKING 龙工

Basic Code: 10805030720

ZL50NC
WHEEL LOADER
Efficiency Rules the Future



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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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- RATED POWER: 162kW/2200rpm
- BUCKET CAPACITY: 3.6m³
- RATED PAYLOAD: 5600kg
- OPERATING WEIGHT: 18700(19250)kg