

CDM843HG

WHEEL LOADER



■ RATED POWER:	129 kW / 2200 rpm
■ BUCKET CAPACITY:	2.3 m ³
■ RATED PAYLOAD:	4000 kg
■ OPERATING WEIGHT:	13400 ±300 kg

LONKING (FUJIAN) INTERNATIONAL TRADE CO.,LTD.

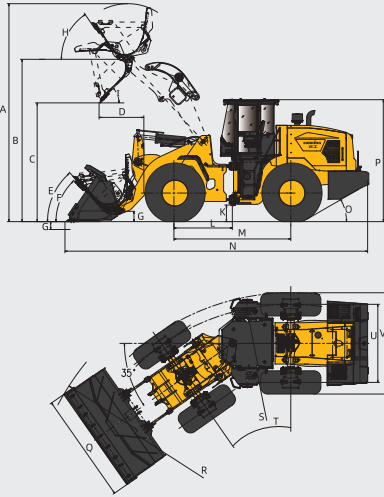
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SPECIFICATIONS



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	5420±100
B	Bucket Pin Height at Max. Lift	mm	4190±50
C	Dump Clearance at Max. Lift (45°)	mm	3240±50
D	Reach at Max. Lift and 45° Dump	mm	1240±30
E	Rack Back Angle at Carry	°	48
F	Rack Back Angle at Ground	°	40
G	Digging Depth	mm	110
H	Rack Back Angle at Max. Lift	°	46
I	Dump Angle at Max. Lift	°	45
J	Carry Height	mm	400
K	Ground Clearance	mm	450
L	Center Line of Front Axle to Hitch	mm	1070
M	Wheel Base	mm	3000
N	Overall Length	mm	7900
O	Departure Angle	°	30
P	Height to Top of Cab	mm	3300
Q	Overall Width over Bucket	mm	2500
R	Min. Turning Radius over Bucket	mm	7175
S	Min. Turning Radius over Tires	mm	5890
T	Steering Angle – Left/Right	°	35
U	Width at Tread Center	mm	1990
V	Overall Width over Tires	mm	2510

TECHNICAL PARAMETERS

BASIC	Bucket Capacity	2.3m ³
	Rated Payload	4000kg
	Operating Weight	13400±300kg
	Traction Force	120±5kN
	Breakout Force	100±5kN
	L×W×H	7900×2530×3300mm
ENGINE	Maker/Model	WEICHAI/WP6G175E22
	Rated Power	129kW/2200rpm
	Maximum Torque	700N · m/1300-1500rpm
	Bore x Stroke (mm)	105×130mm
	No. of Cylinders/Displacement	6/6.75L
	Air Cleaner	Three Stage Air Cleaner
	Alternator	70Amp
	Battery	2-12V/120Ah
	Starting Motor	24V/6kW
	Transmission Type	Planetary Powershift
DRIVE TRAIN	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	20.5-25 L-3 16PR TT
	Travel Speed-Forward	11.5/36 km/h
BRAKE SYSTEM	Travel Speed-Reverse	16 km/h
	Service Brake	Single-circuit caliper disc brake, dry braking
	Setting Pressure	0.70-0.78MPa
	Parking Brake	Air Actuated Caliper Brake
STEERING SYSTEM	Emergency Brake	
	Type	Hydraulic load sensing system
	Pump	138L/min · 2200rpm
	System Pressure	16MPa
	Cylinder Type	Double Acting
HYDRAULIC SYSTEM	Steering Angle	±35°
	Type	Pilot control
	Pump	110L/min · 2200rpm
	Control Valve	2 Spool
	System Pressure	17MPa
SERVICE REFILL CAPACITY	Cycle Time (Sec)	11.5
	Fuel Tank (L)	240L
	Hydraulic Tank (L)	220/225L
	Crankshaft (L)	17L
	Transmission (L)	46L
	Front Axle/Rear Axle (L)	23L/23L

CONFIGURATION

WEICHAI ENGINE

LONGKING TRANSMISSION

MECHANICAL POWERSHIFT CONTROL

LONGKING AXLES (DRY TYPE)

JOYSTICK WORKING CONTROL (SINGLE-LEVER)

FLEXIBLE SHAFT CONTROLLED CALIPER BRAKE

ROPS&FOPS CABIN

LCD DASHBOARD

AIR CONDITIONER

OPTIONAL

OIL-BATH AIR FILTER

20.5R25★L-3 TL

SLIDING CABIN WINDOW

ELECTRIC HEATING REAR WINDOW

LOCKABLE OIL TANK CAP

REAR VIEW CAMERA

BUCKET(3 PIECE CUTTING EDGES)

ENLARGED BUCKET(2.5m³)

THE FOLLOWING BLANK CAN BE USED FOR NOTES OR COMMENTS

FOR MORE INFORMATION ON LONGKING PRODUCTS
PLEASE CONTACT OUR LOCAL AGENT