

Add:No. 99 Kunpeng North Road, Economic and Technological
Development Zone, Xuzhou City, Jiangsu Province
Zip code:221122

Version:N202505V1



XCMG OFFICIAL WEBSITE



SOLID TO SUCCEED



XC988EV

ELECTRIC WHEEL LOADER



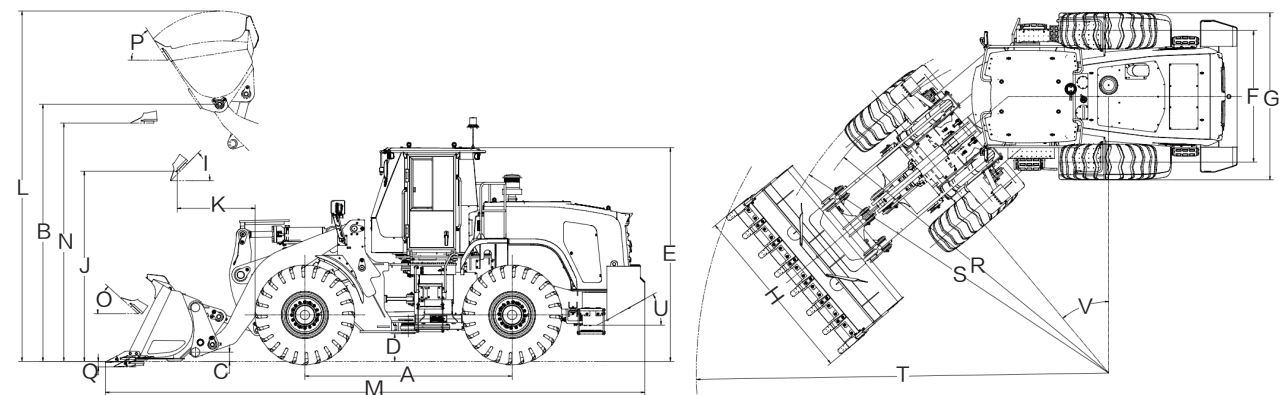
Operating Weight **28730kg**

Bucket Capacity **5m³**

Rated Power **480kW**



MAIN SPECIFICATIONS



Dimension and Specification		Parameter
A	Wheelbase	3650 mm
B	Height: bucket pin	4685 mm
C	Height to hinge pin, level bucket	270 mm
D	Ground clearance	488 mm
E	Height: ground to cab	3670 mm
F	Wheel track	2400 mm
G	Width: over tyres	3075 mm
H	Bucket width	3230 mm
I	Dumping angle	45 °
J	Dumping height (high lift)	3435 mm
K	Dump reach (high lift)	1160 mm
L	Max. lifting height	6405 mm
M	Overall length	9450 mm
N	Clearance: level bucket	4415 mm
O	Rack angle at carry	50 °
P	Rack angle at full lift	55 °
Q	Digging depth	90 mm
R	Turning radius (tyre center)	6215 mm
S	Turning radius: over tyres	6552.5 mm
T	Turning radius: over bucket	7200 mm
U	Departure angle	27 °
V	Articulation angle	40 °

Category	Item		Parameter
Overall Parameter	Operating Weight		28730 kg
	Bucket Capacity		5 m³
	Rated Load		8500 kg
	Max. Breakout Force		240 kN
	Tipping Load	Straight	≥21000 kg
		Fully articulated	≥17000 kg
EIC System	Overall Voltage		580 V
	Rated Power		480 kW
	Battery		LFP
	Battery Voltage		580 V
	Battery Capacity		906 Ah
	AC charging power		320kW
	Electrical system voltage (low)		24 V
	Hydraulic Motor	Amount	1
		Type	Permanent magnet synchronous motor
		Single Rated Output Power	150 kW
	Travel Motor	Amount	2
Type		Permanent magnet synchronous motor	
Single Rated Output Power		165 kW	
Driveline	Travel Speed		18/35 km/h
	Brake Distance		≤14 m
	Tyre		26.5-5-25-28 PR
Working Hydraulic System	Type		Constant pressure
	Pump		Gear pump
	Rated Flow		249 L/min
	Control Valve		Standard multiway valve
	System Pressure		26 MPa
	Total Cycle Time		≤ 10.6 s
Axle	Type		Wet Axle
	Front Axle		Fixed
	Rear Axle		Center Oscillation,with 13° oscillating angle to each side
	Reduction Gear		Planetary final drive in wheel hubs
	Differential		Conventional differential
Steering Hydraulic System	Type		Flow amplifier load-sensitive steering system
	Pump		Piston pump
	Rated Flow		199 L/min
	Hydraulic Cylinder		2
	System Pressure		21 Mpa
	Max. Steering Angle		40°
Brake	Service Brake		Four wheel full hydraulic wet brake
	Parking Brake		Spring applied/ Hydraulic release