



# XC978-EV

ELECTRIC WHEEL LOADER



Operating Weight 25410kg

Bucket Capacity 4.5m<sup>3</sup>

Rated Power 410kW



SOLID TO SUCCEED



XCMG OFFICIAL WEBSITE

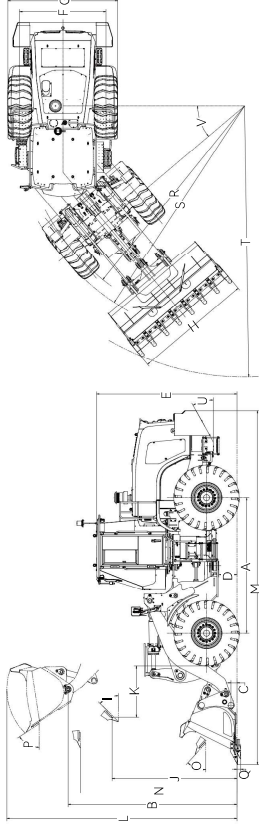
Add: No. 99, Kumbeng North Road, Economic and Technological Development Zone, Xuzhou City, Jiangsu Province  
Zip Code: 221122

Version: N202505V1



SOLID TO SUCCEED

# MAIN SPECIFICATIONS



Dimension and Specification	Parameter
A Wheelbase	3650 mm
B Height to hinge pin at full lift	4685 mm
C Height to hinge pin, level bucket	270 mm
D Ground clearance	488mm
E Height: ground to cab	3620 mm
F Wheel track	2360 mm
G Width: over tyres	3035 mm
H Bucket width	3230 mm
I Dumping angle	45°
J Dumping clearance	3510 mm
K Dumping reach	1085 mm
L Max. lifting height	6360 mm
M Overall length	9350 mm
N Bucket leveling height at full lift	4415 mm
O Rollback angle at carry	50°
P Rollback 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 Steering angle	40°

Category	Item	Parameter	
Overall Parameter	Operating Weight	25410 kg	
	Bucket Capacity	4.5 m <sup>3</sup> (OPT.:3.0-7.0m <sup>3</sup> )	
	Rated Load	7800 kg	
	Max. Breakout Force	210 kN	
	Tipping Load	≥15600 kg Fully articulated ≥18000 kg	
EIC System	Overall Voltage	618 V	
	Rated Power	410 kW	
	Battery	LFP	
	Battery Voltage	618 V	
	Battery Capacity	684 Ah	
Driveline	AC charging power	240 kW	
	Electrical System Voltage (Low)	24 V	
	Hydraulic Motor	Amount Type Single Rated Output Power	1 Permanent magnet synchronous motor 80 kW
	Travel Motor	Amount Type SingleRated Output Power	2 Permanent magnet synchronous motor 165 kW
	Travel Speed	240kW-90min 18/35 km/h	
Working Hydraulic System	Brake Distance	≤14 m	
	Tyre	26.5-25-20 PR	
	Type	Constant variable pressure hydraulic system	
	Pump	Gear pump	
	Rated Flow	261 L/min	
Axle	Control Valve	Standard multiway valve	
	System Pressure	24 MPa	
	Total Circle Time	≤ 10.7 s	
	Type	Wet axle	
	Front Axle	Fixed	
Steering Hydraulic System	Rear Axle	Center Oscillation, with 12° oscillating angle to each side	
	Reduction Gear	Planetary final drive	
	Differential	Front axle limited-slip differential, Rear axle conventional differential	
	Type	Flow amplifier load-sensitive steering system	
	Pump	Piston pump	
Brake	Rated Flow	209 L/min	
	Hydraulic Cylinder	2	
	System Pressure	21 MPa	
	Max. Steering Angle	± 40°	
	Service Brake	Four wheel full hydraulic wet brake	
Parking Brake	Spring applied/ Hydraulic release		