

## WJD-1.5B BATTERY DRIVE PRODUCTION LOADER (BEV)

(LH203i)

Technical specifications

SAFETY

STRONGER

SMARTER

ZERO EMISSION

5000~6000 FULL CHARGE LIFE TIMES

4~6 WORKING HOURS FOR ONE SINGLE CHARGE

# NANCHANG ML MINING & TUNNELING

NANCHANG ML MINING & TUNNELING PROJECT CO., LTD.

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## 1.1 Specifications

Length	6960mm   7400 mm
Width	1600 mm
Height	2100 mm
Wheel base	2760 mm
Ground clearance	260 mm
Turning radius (Inner/External)	2960 mm/5200mm
Lifting height	3280 mm
Maximum unload height	≥1200 mm
Maximum unload angle	37°
Bucket volume (SAE)	1.5 m <sup>3</sup>
Bucking loading capacity	3 Metric Ton
Departure angle	14°
Work time (Load+Lift+Dump)	11 sec
Drive wheels	4

## 1.2 Weight

Operating weight	9800 kg
Rated loading capacity	3000 kg
G.V.W.	12800 kg

## 1.3 Travel speed

Forward/Backward	19 km/h
14% slope full load	10 km/h
25% slope full load	8 km/h
Remark: the loader is narrow, it is not suggested to drive fast for safety considerations.	

## 1.4 Vehicle parameter

Traction force (continuous   peak )	75kN   140 kN
Shovel force	85 kN
Continuous grade ability	25%

## 1.5 Drive Motor

Manufacturer	LVKON
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Type	Permanent magnet synchronous motor
Rated power / peak power	75 kW / 135 kW
Rated torque / peak torque	750 Nm / 1700 Nm
Protection class	IP67

## 1.6 Motor for pumping

Manufacturer	LVKON
Type	Permanent magnet synchronous motor
Rated power / peak power	60 kW / 120 kW
Rated torque / peak torque	400 Nm / 800 Nm
Protection class	IP67

## 1.7 Power-Train

Type	Battery electric LiFePO4 (Lithium iron phosphate)
Manufacturer	CATL   GOTION   LISHEN
Volume	127.7 kWh
Working voltage	560 VDC
Protection class	IP67
Battery pack weight	1200 kg

## 1.8 Drive line

Drive axles	KAMACH
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## 1.9 Brakes

Method	Multi-disc wet brakes on 4 wheels (SAHR)
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## 1.10 Tires

Brand	Tianli or other similar tires that are available
Size	12.00-20

## 2.0 Drawings

