



JCM3108E

DESIGNED FOR ECO-FRIENDLY MINING

Lucid Waters and Lush Mountains Are Invaluable Assets



Technical Parameters

Configuration Item

Drive Configuration	6×4
Kerb Mass (kg)	41,000 (Varies based on battery capacity and cargo box type)
Rated Load (kg)	70,000
Vehicle Dimensions (mm)	9,940×3,600×4,230
Wheelbase (mm)	4,150+1,750
Front/Rear Wheel Track (mm)	2,739/2,630
Front/Rear Overhang (mm)	2,085/1,955
Maximum Speed (km/h)	45
Minimum Ground Clearance (mm)	360
Minimum Turning Radius (m)	≤12
Maximum Gradeability (%)	35

Basic Configuration

Drive Motor	Dual Motor (Liquid-cooled) (Model TZ480XS900) Power: Rated/Peak 496/800kW Torque: Rated/Peak 2,610/4,600N·m Speed: Rated/Peak 1,815/4,600rpm
Transmission	Three-speed AMT Gearbox Model ZD.F3S4800E Max. Input Torque 4,800N·m Gear Ratio 4.521/1.942/1
Front Axle	HANDE, Rated Load 25t
Middle & Rear Axle	HANDE, Rated Load 40t×2, Speed Ratio 18.722
Front Suspension	Hydro-pneumatic Suspension
Rear Suspension	V-type Thrust Rod Structure + Leaf Spring (17 layers, 30mm thickness)
Steering System	Full Hydraulic Steering + Emergency Steering, Electric Steering Pump
Frame (mm)	Double-layer Flexible Riveted Frame, High-strength Steel Plate, Thickness 12+12mm
Braking System	Triple Braking System: Dual-Circuit Braking + Parking Brake + Regenerative Braking
Electrical System	Single-wire 24V, Negative Grounding, Alarm Buzzer, Rearview Camera
Power Battery	423kWh, Lithium Iron Phosphate (LFP) , Cell: IFP54173205-230Ah
Lifting System	DeppKaler Front Top Multi-stage Hydraulic Cylinder
Cab	Offset Skeleton Structure Cab (Left-rudder Drive)
Tires	Sailun 16.00R25×10, Tread Code MS306: Suitable for mining roads, heavy-duty low-speed conditions
Cargo Box Configuration	Inner Cavity Size 6,250×3,400×1,950mm, Cargo Capacity approximately 42m³ Material: Bottom Plate 18mm, Rear Door 12mm, Side Plates 10mm(NM400)
Air Conditioning	Heating & Cooling AC
Operating Environment Temperature	-30°C~55°
Other	Rearview camera system, Tipper safety status monitoring system, TBOX (Optional), Hydraulic Retarder (Optional), Automatic On-Board Weighing System (Optional)

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