



JGM3090E

DESIGNED FOR ECO-FRIENDLY MINING

Lucid Waters and Lush Mountains Are Invaluable Assets



Vehicle Parameters

Vehicle Model	JGM3090E
Manufacturer	Fujian Jingong New Energy Technology Co., Ltd.
Drive Configuration	6×4
Kerb Mass	34t
Rated Load Capacity	60t
Gross Vehicle Weight (GVW)	94t
Overall Dimensions (L×W×H)	9,753×3,550×3,790mm
Wheelbase	3800+1550mm
Track (Front/Rear)	2,680/2,500mm
Min. Ground Clearance	305mm
Approach/Departure Angle	24/46°
Max. Speed	45km/h
Gradeability	32%
Min. Turning Radius	11m
Max. Tipper Tipper Angle	45°

Configuration Parameters

Drive Motor	Rated/Peak: 315/510 or 210/350 kW
Battery	404 kWh
Transmission	3-speed AMT
Axles	Front Axle 20t / Center Axle 35t / Rear Axle 35t
Suspension System	Front: Hydro-pneumatic spring; Rear: leaf spring balancing suspension
Steering System	Full hydraulic steering + emergency steering, electric steering pump
Frame (mm)	Double-layer flexible riveted frame, high-strength steel for main beam
Electrical System	All-in-one controller, single-wire 24V, negative ground, alarm buzzer, reverse camera, heating & air conditioning
Tipper System	Front-mounted multi-stage lift cylinder
Cab	Mining wide-body cab (left-hand drive)
Tyres	14.00R25 × 10, applicable for mining roads, heavy load & low speed
Vehicle Lighting	Front/rear turn signals, clearance lights, headlights, front fog lights, brake lights, tail lights, etc.
Other Equipment	TBOX, underbody guard, front/rear bumper, stone deflector, etc.

Brake System

Service Brake	Dual-circuit high-pressure air brake
Parking Brake	Diaphragm spring brake (air release)
Auxiliary Brake	Motor regenerative braking + eddy current retarder (optional)

Tipper Body

Inner Dimensions	6,000×3,200×1,800 mm, struck capacity 34 m³
Material	High-strength wear-resistant plate + high-strength plate