# JGM PRODUCT & SOLUTION FAMILY

@March 2026

WIN WITH RELIABILITY

A manufacturer with over 45 years of experience

A pioneer and leader in the stone forklift loader segment

A key provider of electric equipment & integrated green energy solutions

# Brief Introduction

Founded in 1979, JGM is a large-scale specialized enterprise with a history spanning nearly 50 years. We are dedicated to the R&D, production, and sales of earthmoving, stone, road, and construction machinery products such as loaders, excavators, forklift loaders, mining dump trucks and power & energy solutions etc., as well as their components. We also provide integrated scenarios-based solutions to customers worldwide.

JGM's component product, the "Dual Variable Assembly", has been recognized as a "China Famous and Excellent Product" since 1993. Loader sales have consistently ranked among the tops in China for many years. The wheeled excavators have become one of the leading products in the segment. In 2021, the forklift loader was designated as a "China Manufacturing Single Champion Product" by the Ministry of Industry and Information Technology (MIIT). In 2023, the electric loader JGM860E was recognized as one of the top ten most attention-grabbing products in the industry. In recent years, the company's "Wind/Solar - Grid/Storage - Charging/Swapping - Machinery/Equipment" comprehensive scenario-based green energy solution has set a new benchmark for local industrial transformation and upgrading.

JINGONG

Through steady business operations, reliable products and services, and continuous technological innovation, JGM has weathered the ups and downs of the industry and remains as vibrant as ever. The company has won the Second Prize of the China Machinery Industry Science and Technology Award, and has been recognized as a National High-Tech Enterprise, a "Service-Oriented Manufacturing Demonstration Enterprise" by MIIT.

Centered around customer value and sustainable development, JGM leverages its strong flexibility to continuously empower our partners, end users, and employees to achieve high-quality development, while contributing to industrial upgrading.

# Product Family

| Electric Loader | Model | Operating Weight (kg) | Rated Load (kg) | Standard Bucket ($m^3$) | Rated Power (kW) | Battery (kW·h) |
|---|---|---|---|---|---|---|
| | JGM805E | 2,450 | 450 | 0.55 | 20/10 | 30 |
| | JGM816E | 3,970 | 1,625 | 1.0 | 60/30 | 62.98 |
| | JGM820E | 6,500 | 2,000 | 1.0 | 70/30 | 62.98 |
| | JGM857E | 18,500 | 5,500 | 3.0 | 120/80 | 282/350 |
| | JGM860E | 19,000±200 | 5,800 | 3.5 | 120/80 | 359.04/400.62 |
| | JGM870E | 23,000 | 6,800 | 4.0 | 100/90 | 350/423 |
| | JGM870E-Max | 23,000 | 6,800 | 4.0 | 100/90 | 400.62 |

| Hybrid Loader | Model | Operating Weight (kg) | Rated Load (kg) | Standard Bucket ($m^3$) | Engine | Engine Power (kW/rpm) |
|---|---|---|---|---|---|---|
| | JGM857HEV | 18,800 | 5,500 | 3.0 | Weichai | 92/2,200 |
| | JGM870HEV | 23,000 | 6,800 | 4.0 | Yuchai | 129/2,200 |

| Wheeled Loader | Model | Operating Weight (kg) | Rated Load (kg) | Standard Bucket ($m^3$) | Engine | Engine Power (kW/rpm) | Stage |
|---|---|---|---|---|---|---|---|
| | JGM737KV | 10,500 | 3,000 | 1.7 | Weichai | 92/2,300 | II/III |
| | JGM756KV | 16,730 | 5,000 | 2.7 | Weichai | 162/2,000 | II |
| | JGM757KV | 17,300 | 5,000 | 3.0 | Weichai | 162/2,000 | II/III |
| | JGM857K | 17,800 | 5,500 | 3.3 | Weichai/Cummins | 162/160 2,000/2,200 | II/III |
| | JGM860K | 19,580 | 6,000 | 3.5 | Weichai/Cummins | 175-178/179 2,200 | II/III |
| | JGM868K | 22,100 | 6,500 | 4.0 | Weichai/Cummins | 175-178/194 2,200 | II/III |

| Electric Skid Steer Loader | Model | Operating Weight (kg) | Rated Load (kg) | Standard Bucket ($m^3$) | Rated Power (kW) | Battery (kW·h) |
|---|---|---|---|---|---|---|
| | JGM S1000E | 3,500 | 1,000 | 0.5 | 32/30 | 30/63 |

| Skid Steer Loader | Model | Operating Weight (kg) | Rated Load (kg) | Standard Bucket ($m^3$) | Engine | Engine Power (kW) | Stage |
|---|---|---|---|---|---|---|---|
| | JGM3090 | 3,350 | 950 | 0.5 | Yanmar /Kohler /Xinchai | 61.3/55/55 | II/III |

# Product Family

| Electric Forklift Loader | Model | Operating Weight (kg) | Rated Load (kg) | Max. break-out Force (kN) | Rater Power (kW) | Battery (kW·h) |
|---|---|---|---|---|---|---|
| | JGM761FT20E | 25,000 | 20,000 | 200 | 210 | 282 |
| | JGM771FT32E | 35,300 | 32,000 | 320 | 355 | 423 |

| Forklift Loader | Model | Operating Weight (kg) | Rated Load (kg) | Max. break-out Force (kN) | Engine | Engine Power (kW/rpm) | Stage |
|---|---|---|---|---|---|---|---|
| | JGM761FT20KV | 25,000 | 20,000 | 175 | Weichai | 162/2,000 | II |
| | JGM761FT23KV | 26,800 | 23,000 | 185 | Weichai | 170/2,000 | II |
| | JGM761FT26KV | 29,400 | 26,000 | 220 | Weichai | 175/2,200 | II |
| | JGM761FT28KV | 29,400 | 28,000 | 220 | Weichai | 175/2,200 | II |
| | JGM771FT32KV | 33,400 | 32,000 | 220 | Weichai | 175/2,200 | II |
| | JGM781FT35KV | 38,300 | 35,000 | 270 | Weichai | 199/2,200 | II/III |
| | JGM781FT40KV | 42,200 | 40,000 | 275 | Weichai | 199/2,200 | III |
| | JGM791FT50KV | 53,000 | 50,000 | 325 | Weichai | 276/2,200 | III |

| Electric Excavator | Model | Operating Weight (kg) | Standard Bucket ($m^3$) | Rated Power (kW) | Battery (kW·h) |
|---|---|---|---|---|---|
| | JGM10E | 1,000 | 0.022 | 10 | 48V*135Ah |
| | JGM12E | 1,200 | 0.022 | 10 | 51.2V*173Ah |
| | JGM18E | 1,800 | 0.04 | 10 | 21.5 |
| | JGM912EV | 10,900 | 0.4 | 75 | 140 |
| | JGM9130E-CC | 13,000 | 0.53-0.65 | 37/1,480 | / |
| | JGM9210E-CC | 21,500 | 0.9-1.2 | 55/1,480 | / |
| | JGM9240E-CC | 24,000 | 1.2-1.4 | 90-132/1,480 | / |
| | JGM9250EV | 25,000 | 1.2 | 150/1,790 | 422 |
| | JGM9260E-CC | 25,500 | 1.3-1.5 | 90-132/1,485 | / |
| | JGM9360E-CC | 36,000 | 1.8-2.0 | 200/1,800 | / |
| | JGM9480E-CC | 47,500 | 2.8 | 200/1,500 | / |

# Product Family

| Backhoe Loader | Model | Operating Weight (kg) | Standard Bucket ($m^3$) | Engine | Engine Power (kW/rpm) | Stage |
|---|---|---|---|---|---|---|
| | JGM665 | 8200 | 1.0/0.3 | Cummins | 74/2,200 | II/III |

| Wheeled Excavator | Model | Operating Weight (kg) | Standard Bucket ($m^3$) | Engine | Engine Power (kW/rpm) | Stage |
|---|---|---|---|---|---|---|
| | JGM9075LNZ-9 | 6,780 | 0.3 | Yuchai | 48/2,200 | II/III |
| | JGM9085LNZ-9G | 7,000 | 0.3 | Yuchai | 55/2,200 | II/III |
| | JGM912LN | 7,500 | 0.3 | Yuchai | 55/2,200 | II/III |
| | JGM210LN | 10,500 | 0.4 | Yuchai | 62.5/2,200 | II/III |

| Crawler Excavator | Model | Operating Weight (kg) | Standard Bucket ($m^3$) | Engine | Engine Power (kW/rpm) | Stage |
|---|---|---|---|---|---|---|
| | JGM922L | 22,300 | 1.2 | Cummins | 132/2,200 | II |
| | JGM930L | 30,000 | 1.4 | Cummins | 160/2,200 | II |
| | JGM934L | 32,000 | 1.5 | Cummins | 194/2,200 | II |
| | JGM938L | 36,000 | 1.8 | Cummins | 209/2,200 | II |

| Electric Mining Dump Truck | Model | Rated Load (kg) | Cargo Volume ($m^3$) | Rated Power (kW) | Min. turning Radius (m) |
|---|---|---|---|---|---|
| | JGM3108E | 70,000 | 42 | 500 | ≤12 |
| | JGM3135E | 90,000 | 52/60 | 570 | ≤12.5 |

| Dozer | Model | Bucket Capacity ($m^3$) | Traction Force (kN) | Engine | Engine Power (kW/rpm) | Stage |
|---|---|---|---|---|---|---|
| | JGM4161L | 4.5 | 142 | Weichai | 131/1,850 | II/III |
| | JGM4221L | 6.8 | 221 | Cummins | 175/1,800 | II/III |
| | JGM4321L | 10.4 | 300 | Cummins | 257/2,000 | II/III |

| Motor Grader | Model | Operating Weight (kg) | Length of Blade (ft) | Engine | Engine Power (kW/rpm) | Stage |
|---|---|---|---|---|---|---|
| | JGM3200N | 16,200 | 14 | Cummins/Shangchai | 162/2,200 | II/III |
| | JGM3220N | 17,000 | 14 | Cummins/Shangchai | 179/2,200 | II/III |

# Product Family

| Roller | Model | Operating Weight (kg) | Vibration Frequency (Hz) | Centrifugal Force (kN) | Engine | Stage |
|---|---|---|---|---|---|---|
| | JGM610H | 10,600 | 30 | 225/112 | Cummins | II/III |
| | JGM612H | 12,000 | 30 | 247/127 | Cummins | II/III |
| | JGM614H | 14,000 | 30 | 260/135 | Cummins | II/III |

| Electric Forklift Truck | Series | Rated Load (kg) | Duplex Mast (m) | Rated Power (kW) | Battery (kW·h) |
|---|---|---|---|---|---|
| | JGM Series | 1,500/1,800 | 3 | 13.0AC*13.0AC | 80/202 |
| | JGM Series | 2,000/2,500/3,000/3,5000/4,000 | 3 | 20.0AC*20.0AC | 80/280，80/410 |
| | JGM Series | 5,000 | 3 | 20.0AC*20.0AC | 80/410 |
| | JGM Series | 7,000/8,000/10,000/12,000 | 3 | 50.0AC*30.0AC×2 | 345/230，345/280 |

| Forklift Truck | Series | Rated Load (kg) | Duplex Mast (m) | Engine |
|---|---|---|---|---|
| | JGM Series | 1,500/1,800/2,000/2,500/3,000/3,500/3,800 | 3 | Isuze/Mitsubishi & Yanmar |
| | JGM Series | 4,000/4,500/5,000 | 3 | Isuze/Mitsubishi & Yanmar |

| Charger | Output | Type | Power Range (kW) | Certification |
|---|---|---|---|---|
| | DC | Stationary | 30-960 | CE/TR25/KC/UL/CCC/PSE/SAA |
| | | Mobile | 30-80 | |

| Mobile Power Supplier | Model | Carrier | Battery (kW·h) |
|---|---|---|---|
| | for cable-powered equipment | strengthened mining under-carriage | 800/1,200 |
| | mobile charger with ESS | on-road wheeled loading truck | 106-4,800 |

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# Industrial Scenarios-based Green Energy Solutions

What: Wind/Solar - Grid/Storage - Charging/Swapping - Machinery/Equipment (Microgird+electric equipment).

Why: It can provide higher economic value, environmental value, social value, and policy value, assisting customers achieve high-quality business development and promoting local industrial upgrading.

Why Jingong: Based on its own high-quality electric equipment, Jingong combines the industrial resources of the State Power Investment Corporation's new energy ecosystem (Jingong's second largest shareholder-the world's largest green energy enterprise), its expertise in industrial scenario commercial operations, and its deep insights of customer pain points and needs to form the ability to provide customers with green energy integrated solutions.

What we do: We provide turnkey service, inlcuding requirement assessment, matching of investors/funding resources (if the client does not hold assets), overall planning, benefit calculation, scheme design, equipment and material list, equipment and material sales, construction/operation/maintenance/service resource matching and scheduling, resource dismantling and recycling.

What brings to customers: Reduces energy costs by 20-50%, offers high return on investment efficiency with carbon trading benefits potential, resulting in higher long-term economic value. Renewable energy application with zero carbon emissions and lower noise levels, offering significant environmental value, improving ESG ratings for businesses–especially large enterprises–and potentially supporting green finance initiatives to reduce corporate funding costs. Support regional industrial upgrading, with local governments introducing subsidies and other incentive policies, receiving government support and subsidies to sustain operations, establishing local project benchmarks, and enhancing corporate image and reputation.