

## Forward-looking technology



Vehicle  
Development



Software



Electrics



Processes



Tronic  
Assemblies



Mechanical

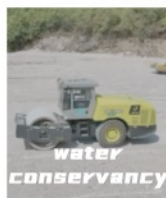


Hydraulics



Others

Jingong New Energy has gathered the earliest outstanding talents engaged in the electrification of commercial vehicles and construction machinery at home and abroad, and possesses the necessary knowledge structure for the industrialization of electric construction machinery, such as machine design, EIC system integration, software control, advanced electric drive architecture, electric drive hydraulics, high-end chassis, charging and battery swapping integrated electric technology, and intelligent network connection. Through precise analysis of the market and customer demand-oriented, we have conducted in-depth research on the key core technologies in the field of electric drive travel and electric drive operation of construction machinery, and applied for dozens of patents, which provide technical support for the subsequent development of the company's new products and the maintenance of technological advancement. Solving the industry pain point of high cost and high emission, we provide customers with electrified, intelligent and unmanned equipment system solutions in the scenarios of iron and steel, mines, ports, infrastructure, tunnels, etc., which bring significant economic and environmental benefits to customers.



Since obtaining the first set of electric loader in Fujian in 2021, the company has researched and developed and formed sales of more than ten products, mostly the first in the industry, such as pure electric loaders (5 tons, 6 tons, 7 tons), battery detachable & replaceable loaders, hybrid loaders, pure electric wheeled excavators, electric forklift loaders, electric forklifts, pure electric rollers, electric wide-body dump trucks, electric rigid mining trucks, and insulated bucket-arm trucks (vehicle-carrying type, spider-type), and so on, which are the first in the industry, and it is equipped with the capability of providing scenario-based solutions for new energy equipments.

With two manufacturing bases in Jinjiang, Fujian Province and Zhenjiang, Jiangsu Province, the company has built a perfect operation and supply chain system with an annual production capacity of 25,000+ units.



Fujian Jinjiang Manufacturing Base



Jiangsu Zhenjiang Manufacturing Base







**JGM805E**

# **READY TO WORK**

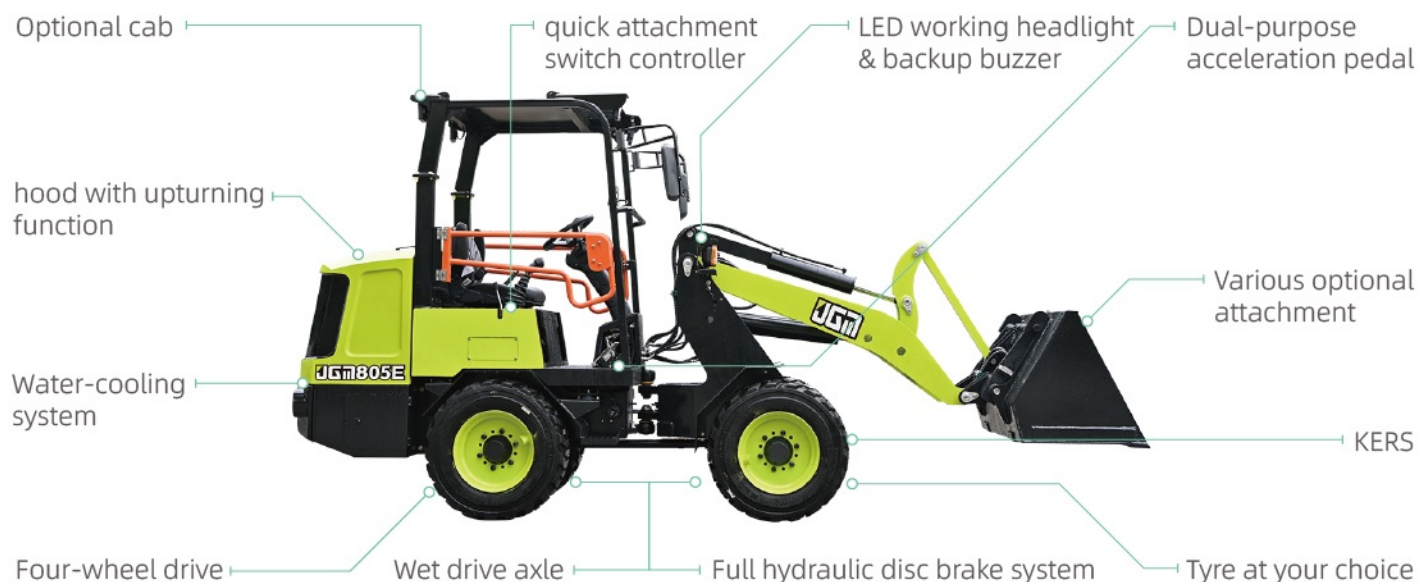
E-loaders to boost operational efficiency and guarantee occupational safety





## YOUR NEW CHOICE

Under the background of rapid growth of the new energy sector globally, Jingong has been devoted in the vehicle and equipment core electrification technology. We, based on real working scenarios data and customers' needs, have been developing excellent products of cost-effective electric construction machinery. This is your new choice with a zero-emission, low-operating-cost and high-reliability solution.



### Main parameters

Rated load	450 kg
Bucket capacity	0.55 m <sup>3</sup>
Speed	0~18 km/h
Hydraulic cycle time	7.3 s
Operating time	6 h
Working Temperature	-25~65 °C

### Power source system

Rated power of driving motor	20 kW
Rated power of oil pump motor	10 kW
Battery type	Lithium-ion battery
Battery capacity	30 kWh
Operating voltage	288 V

### Electric system

Operating voltage	12 V
-------------------	------

### Hydraulic system

Hydraulic oil tank capacity	30 L
Operating pressure	170 bar

### Size

Machine weight	2,450 kg
Overall dimension	4,330*1,329*2,330 mm
Wheelbase	1,550 mm
Ground clearance	345 mm
Type of drive	Four-wheel drive
Type of brake	Full hydraulic disc brake



1. Jingong New Energy Products are constantly updated and improved, and we reserve the right to change the design and parameters without prior notice to users

2. The configuration and appearance of the product in the picture are different from the actual model, and the configuration and appearance of the product shall be subject to the actual product



Strong reliability to guarantee efficient up-time operation.



High-quality components to reduce down-time rate to an extremely low level.



Excellent cost performance. High configuration at preferential price. Considerably low maintenance cost.



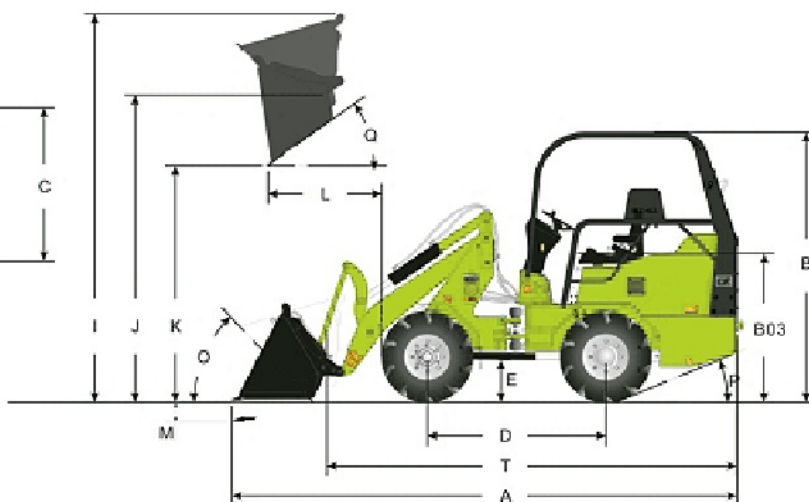
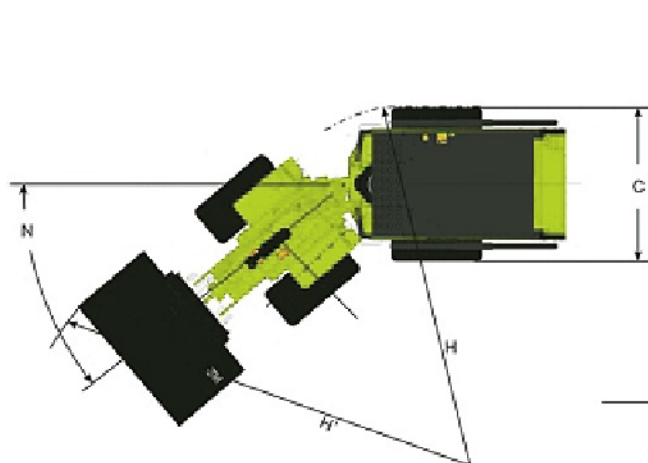
IP67-level protection on power source system and automatic parking function at slopes to ensure operators' safety.



Highly adaptive to various working scenarios with diverse attachment.



Integrated display and operation function. Excellent vehicle lighting and visibility.



## Main parameters

A. Total length with standard bucket	4,330 mm
A'. Total length at bucket pivot	4,260 mm
Total height without cab	1,970 mm
B. Total height with cab	2,330 mm
C. Total width	
with narrow-base tyres	1,075 mm
with wide-base tyres	1,329 mm
D. Wheel base	1,550 mm
E. Minimum ground clearance	345 mm
F. Wheel track width	
with narrow-base tyres	812 mm
with wide-base tyres	939 mm
G. Bucket width	1,370 mm

## Main parameters

H. Outer edge turning radius	2,541 mm
H'. Maximum turning radius	3,037 mm
I. Maximum working height	3,630 mm
J. Maximum height of pin shaft at maximum bucket height	2,950 mm
K. Maximum dumping height	2,190 mm
L. Dumping reach	630 mm
M. Digging depth	150 mm
N. Maximum steering angle	43°
O. Backroll angle on the ground	42°
P. Departure angle	22°
Q. Dumping angle at maximum dumping height	32°
T. Total length without bucket	3,550 mm