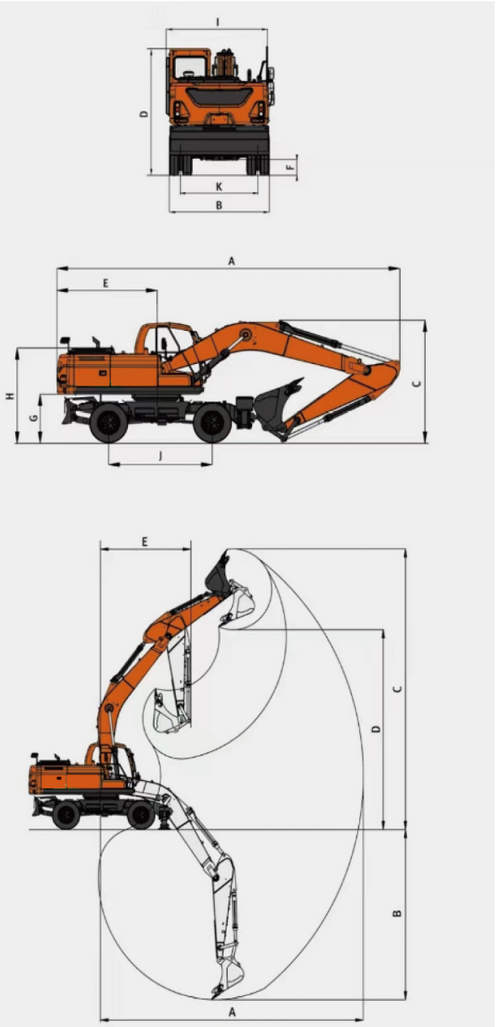
JGM912EV-Pro 轮式挖掘机 WHEEL EXCAVATOR



技术性能参数 TECHNICAL PERFORMANCE AND SPECIFICATION	
电池容量 Battery capacity	141.3kwh
电机额定功率 Rated power of motor	46.5kw
额定转速 Rated speed	2200rpm
额定扭矩 Rated torque	222N.m
建议匹配的充电桩.Recommended charger	120kw dual-gun DC charger
续航时间 Endurance time	6.5–10h
系统额定压力 Rated system pressure	26Mpa
整机工作重量 Overall operating weight	10000kg
铲斗容量 Bucket capacity	0.4m³
铲斗挖掘力 Bucket digging force	47kN
最大牵引力 Maximum traction force	40kN
爬坡度 Gradeability	35°
最高车速 Maximum speed	30km/h
回转速度 Rotational speed	8.5rpm
液压油箱容积 Hydraulic oil tank capacity	138L
外形尺寸 DIMENSIONS	
A、运输长度 Transport Length	6800mm
B、运输宽度 Transport Width	2120mm
D、总高（至驾驶室高度）Overall Height (to the Height of the Cab)	2930mm
E、尾部回转半径Tail Swing Radius	2300mm
F、轮胎中轴离地间隙 Ground Clearance of the Middle Axle of the Tires	485mm
G、配重离地间隙 Ground Clearance of the Counterweight	1160mm
H、发动机盖离地间隙 Ground Clearance of the Engine Hood	2030mm
I、转台宽度Turntable Width	2100mm
J、轴 距 Wheelbase	2700mm
K、轮距 Track Width	1630mm
轮胎型号 Tire Model	8.25–20
最小离地间隙 Minimum Ground Clearance	330mm
推土板宽度 Bulldozer Blade Width	2120mm
推土板最大上升量Maximum Lifting Height of the Bulldozer Blade	413mm
推土板最大下降量Maximum Lowering Depth of the Bulldozer Blade	94mm
动臂长度 Boom Length	3800mm
斗杆长度 Arm Length	2200mm
工作范围 RANGE OF OPERATION	
A、最大挖掘半径 Maximum Digging Radius	7280mm
B、最大挖掘深度 Maximum Digging Depth	3720mm
C、最大挖掘高度 Maximum Digging Height	7445mm
D、最大卸载高度 Maximum Dumping Height	5655mm
E、前部最小回转半径 Minimum Front Swing Radius	2645mm

本资料仅供参考，技术规格、选装配置如有变更，恕不另行通知！

全新一代

绿动引领全球起航

JGM912EV-Pro

轮式挖掘机

WHEEL EXCAVATOR

"Green Technology, Intelligent Future" – JGM All-Electric Wheel Excavator

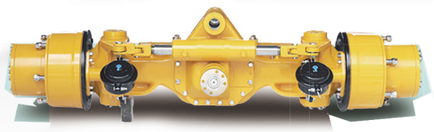
Positioned as the "Zero-Emission Engineering Pioneer," it breaks the limitations of traditional fuel-powered excavators and drives the industry toward a low-carbon, high-efficiency transformation.

JGM harnesses the power of technology to redefine the future of construction

Powered by LFP (lithium iron phosphate) batteries and synchronous motors, it delivers stable, high-torque output-boosting torque by over 30%-and handles tough conditions like excavation and heavy lifting with ease. The advanced electronic control system enables precise operation, reduces errors. The battery pack features multi-layer protection (waterproof, dustproof, explosion-proof), with built-in temperature and voltage monitoring to prevent overheating and leakage,nsuring operational safety. Zero tailpipe emissions and zero fuel consumption helpbusinesses meet national environmental goals and reduce pollution. Ideal for eco-sensitiveapplications such as urban construction and scenic areas, with noise levels reduced by over50%. Fast charging: 60 minutes to full charge, enabling "charge and use" with 6.5-10 hours of runtime, significantly improving work efficiency. Electricity costs are only one-third of fuel costs, with no fuel-engine maintenance (e.B., oiland fiter changes) Total lifeycle costs are reduced by more than 40%. Suitable forsubway construction, road renovation, building demolition, landscaping, municipal enginering etc.-quiet, low-emission operation mininizes disruption to nearby residents and protects the environment.

Travel System

The travel system features a heavy-duty wheel-reduction drive axle with an integral cast housing, real-time four-wheel drive for superior off-road performance, and a differential device. It adapts well to harsh working environments, steep slopes, and muddy conditions, with lower failure rates and higher efficiency.



Operator-centric design meets demanding construction conditions

A variety of attachments—such as breakers, buckets, log grapples, and dozer blades—are available to meet diverse job requirements, offering exceptional flexibility and maximizing the excavator's utility and value for customers.

Wide side glass for enhanced visibility

The front window is supported by a gas spring and can be slid open or tilted upward.The cab features a separate skylight window. Designed with a "human-first" philosophy, both the cab and seat are upgraded with vibration-damping mounts. Button layout is optimized, complemented by a dual-adjustable suspension seat, large display with backup camera, external camera, one-button start, electronic throttle, USB port, audible reverse warning, standard air conditioning, audio system, and more—simple and convenient to operate.

Electro-Hydraulic Control System

Equipped with a load-sensing hydraulic system, it maximizes the power output from the motor, delivering excellent performance whether in heavy-load or fine-precision operations. It provides strong power while minimizing energy consumption and greatly improving work efficiency. The electronically controlled load-sensing variable piston pump ensures smooth, responsive handling, superior performance, and allows personalized fine-tuning of the electronic system. The system is highly stable.

Next-Gen

JGM912EV-Pro/ Wheel Excavator

JGM all-electric wheel excavator is here – strong, clean, and powerful.

Zero emissions. Zero pollution. Unlimited possibilities, powered by electricity.