

6-Ton Electric Wheeled Loader for Light Shovel Operations

This 6-ton electric wheeled loader is designed for light shovel operations. Its electric powertrain ensures reduced emissions and quieter operation.



ADDITIONAL IMAGES



Overview



The electric powertrain ensures reduced emissions and quieter operation, ideal for urban environments.

Sustainable 6-Ton Electric Loading Solution

This Battery Electric Vehicle (BEV) wheeled loader is specifically engineered for light shovel operations, offering a zero-emission alternative to traditional diesel machinery. By utilizing a pure electric drivetrain for both travel and hydraulic systems, it significantly reduces environmental impact and noise pollution on job sites. The innovative design eliminates common maintenance requirements associated with internal combustion engines, providing a cost-effective and high-efficiency solution for modern construction and material handling.

Performance Metrics

Key Performance Metrics

6 ton

Operating Capacity

0 g/km

Emissions

Drive System



Dual-motor drive technology provides intelligent coupling for powerful material handling.

Drive Technology

- Pure electric BEV powertrain
- Industry-original series dual-motor drive technology
- Intelligent coupling and transmission system
- Gearbox-less program for reduced fault rates

Environmental & Economic Benefits

Eco-Friendly Advantages

Zero-Emission, Non-Polluting, Low Noise, Energy Saving, Green Drive

Maintenance & Reliability

Maintenance Cost Reductions

- No diesel air filter maintenance required
- No machine filter replacement needed
- No diesel filter maintenance
- Elimination of gearbox maintenance costs

Design & Operation



Equipped with durable tires and advanced hydraulics for optimized light shovel operations.

Operational Features

Feature	Description
Shovel Type	Light shovel optimized for maneuverability
Hydraulic System	Electric motor driven for smooth operation
Chassis	Robust wheeled design for diverse terrains
Cabin	Ergonomic design with high visibility

Applications

Ideal Applications

Urban Construction • Landscaping • Indoor Applications • Environmentally Sensitive Areas • Agricultural Tasks