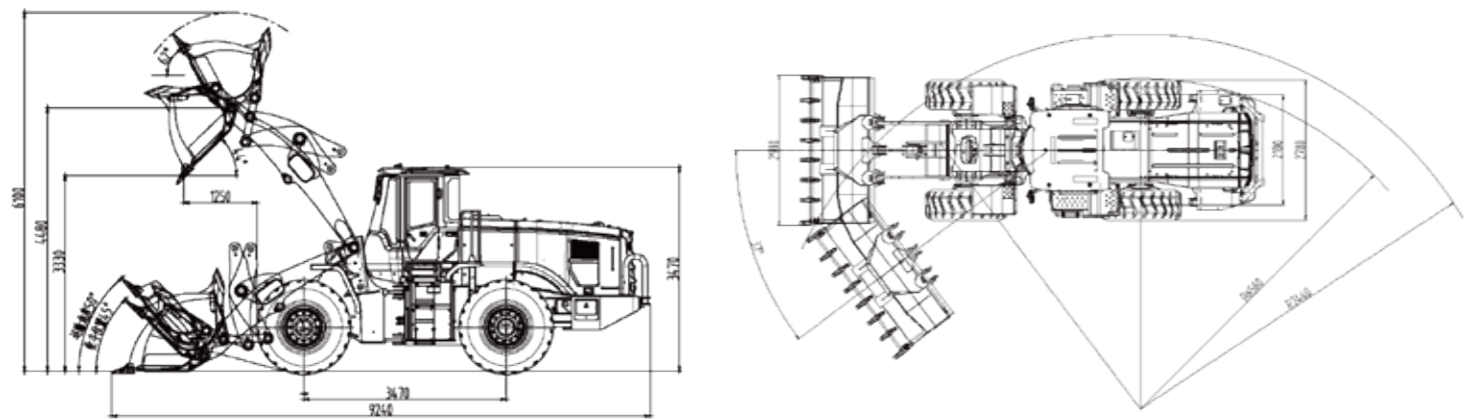


FL960EV Wheel Loader Specifications

LOVOL

FL960EV Dimensions



| Item | Specifications |
|---|--------------------------------------|
| Rated Load | 5800kg |
| Max. Traction Force | 170kN |
| Max. Gradeability | 28° |
| Max. Dump Clearance | 3330mm |
| Dump Reach | 1250mm |
| Wheel Tread | 2180mm |
| Wheelbase | 3470mm |
| Overall Dimension (L×W×H) | 9240mm/2780mm/3470mm |
| Battery Type | Lithium iron phosphate |
| Rated Storage Energy | 282kWh |
| Nominal Voltage | 614V |
| Power battery Charging pile specification | 240kW Double Plug |
| Max. Torque | 3400N·m |
| Travelling Motor Type | Permanent magnet synchronization |
| Travelling Motor Rated Power | 125kW |
| Travelling Motor Maximum Torque | 2400N.m |
| Hydraulic Motor Type | Permanent magnet synchronization |
| Hydraulic Motor Rated Power | 105kW |
| Hydraulic Motor Maximum Torque | 1000N.m |
| Air Conditioning System Type | Heating and cooling air conditioning |

| Transmission System | |
|---------------------|--|
| Transmission | 6 ton planetary type electric control gear shift |
| Gear Shift | two-speed gearbox, no reverse gear motor reverse reverse |

| Tyre | |
|-----------|--------------|
| Tyre Size | 23.5-25 20PR |

| Steering System | |
|-------------------------------|--------------------|
| Type | Flow amplification |
| Steering Angle Each Direction | 37° |
| Min. Turning Radius | / |

| Hydraulic System | |
|---------------------------------|---|
| Working Pressure Type | Proportional variable double pump confluence |
| Working Pressure Operation Type | Electric proportional single handle operation |
| Boom Lifting Time | / |
| Total Cycle Time | ≤10 |

| Brake System | |
|---------------|---|
| Service Brake | electro-hydraulic control caliper disc type |
| Park Brake | full hydraulic four-wheel disc type brake |

| Front and Rear Axles | |
|-----------------------|--------------------------------|
| Axles Type | Reinforced dry type swing axle |
| Final Decelerate Type | / |



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As manufacturer, LOVOL has right to constantly upgrade and improve our products without informing to customers. The pictures in literatures are for reference only, the detailed specifications are subject to real products.

| | |
|---------------------|----------|
| Rated Power | 230kW |
| Operating Weight | 19000 kg |
| Bucket Capacity | 3.6m³ |
| Max. Breakout Force | 165kN |

FL960EV
WHEEL LOADER