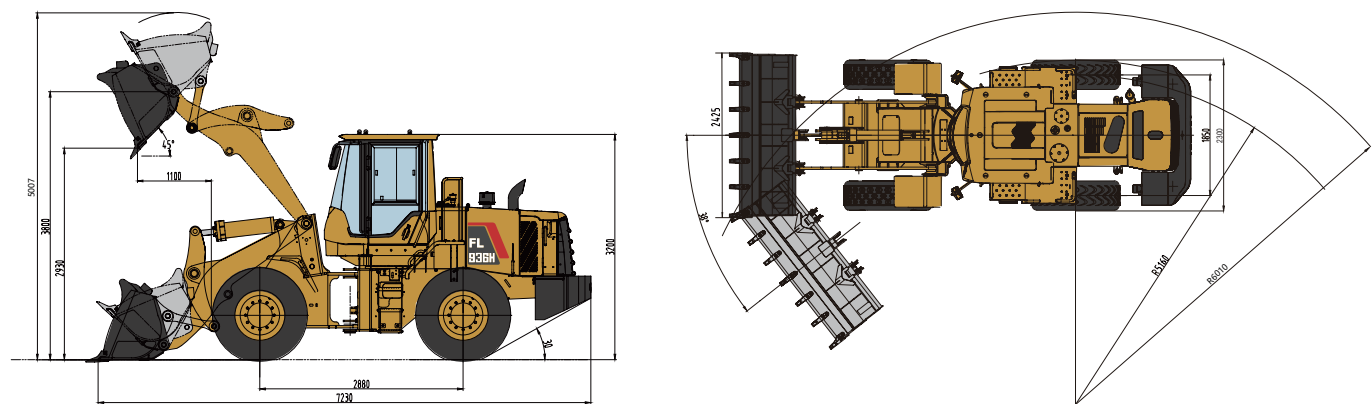


FL936H Wheel Loader Specifications

FL936H Dimensions



| Item                           | Specifications                           |
|--------------------------------|------------------------------------------|
| Rated Load                     | 3000kg                                   |
| Max. Traction Force            | 101kN                                    |
| Max. Gradeability              | 30°                                      |
| Max. Dump Clearance            | 2930mm                                   |
| Dump Reach                     | 1110mm                                   |
| Wheel Tread                    | 1850mm                                   |
| Wheelbase                      | 2880mm                                   |
| Overall Dimension (L×W×H)      | 7230mm×2425mm×3200mm                     |
| Width Over Tyres               | 2300mm                                   |
| <b>Engine</b>                  |                                          |
| Emission Standard              | Stage II                                 |
| Number of Cylinder-Bore/Stroke | 6-105*130                                |
| Max. Torque                    | 500N·m                                   |
| Rated Speed                    | 2200rpm                                  |
| Displacement                   | 6.754L                                   |
| <b>Transmission System</b>     |                                          |
| Torque Converter               | Single stage single phase three element  |
| Modulus of Converter           | 3.25                                     |
| Transmission                   | Mechanical countershaft                  |
| Gear Shift                     | 4 forward, 2 reverse                     |
| Max. Speed                     | 39.0km/h                                 |
| <b>Front and Rear Axles</b>    |                                          |
| Axles Type                     | Dry axles                                |
| Final Decelerate Type          | Planetary reducer, spur cylindrical gear |

| Tyre                          |                                                             |
|-------------------------------|-------------------------------------------------------------|
| Tyre Size                     | 17.5-25                                                     |
| Ply                           | 12                                                          |
| Front Tyre Pressure           | 0.30-0.32MPa                                                |
| Rear Tyre Pressure            | 0.28-0.30MPa                                                |
| Steering System               |                                                             |
| Type                          | Single pump flow diffuence, load - sensing hydraulic system |
| Steering Angle Each Direction | 38°                                                         |
| Min. Turning Radius           | 6010mm                                                      |
| Hydraulic System              |                                                             |
| Working Pressure              | 16MPa                                                       |
| Boom Lifting Time             | 5.6s                                                        |
| Total Cycle Time              | 9.2s                                                        |
| Brake System                  |                                                             |
| Service Brake                 | Air over hydraulic caliper disc brake                       |
| Park Brake                    | Manual brake                                                |
| Service Refill Capacity       |                                                             |
| Fuel Tank                     | 150L                                                        |
| Hydraulic Tank                | 105L                                                        |
| Engine Oil                    | 14.5L                                                       |

LOVOL HEAVY INDUSTRY GROUP CO., LTD.

Address: No. 75, Huanghe East Road, Huangdao District, Qingdao City, Shandong Province, China.  
Website: en.wlovol.com      Alibaba: lovolconstruction.en.alibaba.com      Facebook: Cons Lovol  
E-mail: lovol\_overseas@global.lovol.com      TEL: +86-532-86907190

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.

LOVOL



|                     |                    |
|---------------------|--------------------|
| Engine Model        | WEICHAI WP6G125E22 |
| Rated Power         | 92kW               |
| Operating Weight    | 10230kg            |
| Bucket Capacity     | 2.0m³              |
| Max. Breakout Force | 98kN               |

FL936H  
WHEEL LOADER



PRODUCTIVITY

- The proven linkage structure is very efficient which has big breakout force, quick movement and high lifting capacity features.
- Optimal designed bucket which can cut into materials easily with small resistance, and could retain more materials.
- The bucket has guide plate which can avoid the materials sprinkling to protect bucket cylinder during lifting.
- High-efficiency powertrain system is perfectly matched with hydraulic multi-stage power system that makes machine work fast and efficient.

RELIABILITY

- The H series features many components which leverage product designs that have delivered reliable and durable machines.
- Adopt world class engine which provides excellent service and part availability in market.
- Optimized layout of pipelines and dual-seal technology can avoid oil leakage and make hydraulic system more reliable.

ROBUSTNESS

- Reinforced center-articulated frame which has passed million times fatigue experimental test, 1,000 hours intensive experimental test and 5,000 hours jobsite test, it has been proved to be robust and durable.
- Bucket use JF440 steel which are joint-invented with renowned steel factory, it is more robust and wearable.

COMFORT

- The pedals and various control elements utilize humanized design which could reduce the long-time operation fatigue for operator.
- High-performance mechanical suspension seat with high-back could makes operator feel comfortable.
- Overall view cab delivers wide vision for operator to check the surroundings during operating machines.

01  
Engine



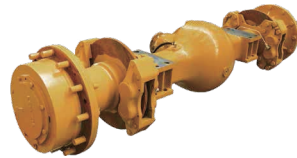
- Standard equipped with WEICHAI WP6G125E22 engine, it adopts multi-stage fuel filter which is suitable for various fuel to ensure the cleanliness of engine system, that raise engine's reliability. It is applicable to the temperature from -35 degrees to 50 degrees and under 5,000 altitudes working environment.

02  
Transmission



- The transmission adopts LOVOL special-ized countershaft gearbox, it is durable and reliable.
- Key bearings and seals adopt imported premium parts which have higher reliability.

03  
Axles



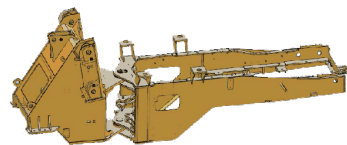
- It is designed for heavy-duty applications with long wheel base (2880mm), the key parts are reinforced to improve the reliability and bearing capacity. The dry brake uses integrated clipper and LOVOL patented friction disk which make machine more safety.

04  
Cab



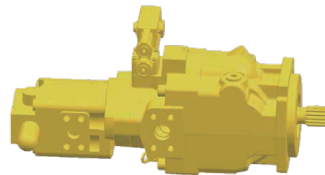
- Overall view cab provides wide vision to operator, the high-performance suspension seat with high back could deliver comfort to operator.

05  
Frame and Articulation



- New reinforced front and rear frames with patented composite articulated structure went through million times fatigue experimental test, 1,000 hours intensive experimental test and 5,000 hours jobsite test, reach super strong payload capacity.
- Central articulation design, the upper hinge uses joint bearing and lower hinge uses tapered roller bearing, this type of articulation can withstand bigger impact force with long service time.

06  
Hydraulic System



- It adopts single pump diffluent technology with high reliability. LOVOL patented multi-valve, 24°cone seal and dual-seal technologies are adopted to avoid oil leakage of hydraulic system. The pipelines are protected by pipe clip and coverage to avoid damage caused by frication.

Attachments



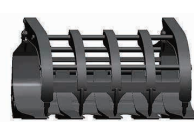
Larger Bucket



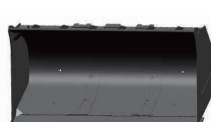
Log Grapple



Rock Bucket



Grass Grapple



Coal Bucket



Side-dump Bucket