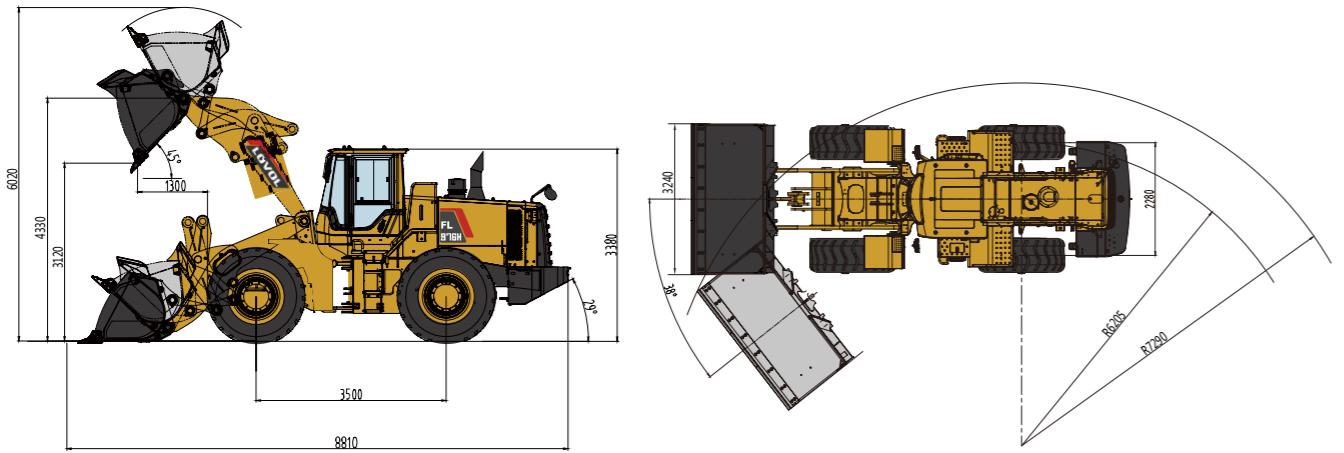


FL976H Wheel Loader Specifications

FL976H Dimensions



Item	Specifications
Rated Load	7000kg
Max. Traction Force	189kN
Max. Gradeability	29°
Max. Dump Clearance	3120mm
Dump Reach	1300mm
Wheel Tread	2280mm
Wheelbase	3500mm
Overall Dimension (L×W×H)	8810mm×3240mm×3380mm
Engine	
Emission Standard	Stage III
Number of Cylinder-Bore/Stroke	6-116.5*144.5
Max. Torque	1187N·m
Rated Speed	2200rpm
Displacement	9.3L
Transmission System	
Torque Converter	Single stage single phase three element
Modulus of Converter	2.355
Transmission	Electronical control countershaft
Gear Shift	4 forward, 3 reverse
Max. Speed	38km/h
Front and Rear Axles	
Axles Type	Dry axles
Final Decelerate Type	Planetary reducer, spur cylindrical gear

LOVOL CONSTRUCTION MACHINERY GROUP CO., LTD.

Address: No. 75, Huanghe East Road, Huangdao District, Qingdao City, Shandong Province, China.
 Website: en.lovol.com Alibaba: lovolconstruction.en.alibaba.com Facebook: Cons Lovol
 E-mail: lovol_overseas@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
CONSTRUCTION



Engine Model: CUMMINS QSL9.3
 Rated Power: 180kW
 Operating Weight: 23680kg
 Bucket Capacity: 4.5m³
 Max. Breakout Force: 185kN

FL976H
WHEEL LOADER

Key Features

Core Components



PRODUCTIVITY

- Standard equipped with 4.5m³ bucket, high-efficiency powertrain system is perfectly matched with hydraulic multi-stage power system that makes machine work fast and efficient.
- The proven linkage structure is very efficient which has big breakout force, quick movement and high lifting capacity features.
- Low-effort joystick control system delivers high-efficiency operation with ease and fast.

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.
- The key components of axles are reinforced which could extend service time of whole axles and makes it more suitable for heavy-duty applications.

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.

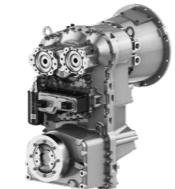
COMFORT

- LOVOL ETX (European Technology Excellent) cab adopts skeleton structure which has great vision, solid frame and lower noise features, these could provide a comfortable working environment for operator.
- High-back mechanical suspension seat with headrest could make operator feel more comfortable.

01 Engine



02 Transmission



03 Axles



- Standard equipped with Cummins QSL9.3 engine which adopt electronic control high pressure common rail fuel system to realize accurate combustion control. Intelligently adjust the power curve to meet multiple working modes to reach efficient fuel saving aim. The engine cylinder adopt new reinforced design that the hardness had increased by 30%.It has great advantage in low speed & large torque conditions and it also has stable & strong power performance in high strength and long time working conditions.
- WEICHAI WP10G240E341 engine is optional.

04 Cab



- Integrated closed skeleton structure cab which has great vision, equipped with air conditioning and high-back mechanical suspension seat, that make operator more comfortable.
- The cabin has micro pressurizing air system that makes the environment cleaner and comfortable.

05 Frame and Articulation



06 Hydraulic System



- The hydraulic system is fix & variable system and the steering pump is piston pump with high bearing pressure and high reliability features.
- Hydraulic oil filter's filtration ratio is 200 (means 99.5% impurities could be filtered out), that makes hydraulic system cleaner and more reliable.

Attachments



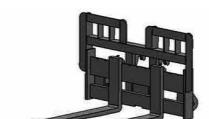
Larger Bucket



Log Grapple



Rock Bucket



Pallet Fork



Coal Bucket



Side-dump Bucket