

FL958H Wheel Loader for Construction

This wheel loader is designed for heavy-duty construction and material handling. It features a powerful engine and hydraulic system for smooth, precise control.



Overview

High-Performance Wheel Loader

This 5.5T wheel loader is engineered for high-efficiency construction and heavy-duty material handling. It features a robust, reinforced frame and a high-capacity bucket design optimized for rapid loading and minimal insertion resistance. Equipped with a comfortable, pressurized cabin and advanced hydraulic systems, it ensures operator productivity and machine reliability in demanding industrial environments.

Performance Metrics

Key Performance Indicators

5.5 T

Rated Load

3.3 m³

Standard Bucket Capacity

98 kN

Standard Breakout Force

Technical Specifications

Powertrain

Component	Feature
Engine Filtration	Three-stage air filter, multi-stage fuel filter
Transmission	Electronic control shift with KD forced shifting
Gearbox	4 Forward / 2 Reverse speeds

Axle & Frame

- Optimized axle housing with increased cross-section
- Reinforced wheel hub brace bearings
- Front axle load capacity up to 40T
- Reinforced main reducer and wheel hub components
- Patented composite articulated frame structure

Hydraulic System

Hydraulic System Features

Variable piston steering pump, Dual-seal pipeline technology, High-pressure bearing capability, 99.5% filtration efficiency, Pilot joystick control

Operator Environment

Cabin Comfort & Safety

- Full-enclosed skeleton structure
- Micro-pressurizing air conditioning system
- High-back mechanical suspension seat
- Low-noise design
- Enhanced visibility layout

Durability

Durability Testing

Million-cycle fatigue test • 1,000-hour intensive test • 5,000-hour jobsite test