

FL958H Wheel Loader

This wheel loader is designed for heavy-duty construction and material handling tasks. It features a powerful engine and a hydraulic system for smooth operation of the loader arms and bucket.



Overview

High-Performance Wheel Loader

This 5.5-ton wheel loader is engineered for high productivity and durability in demanding work environments. Featuring an efficient linkage system, optimized bucket design, and a robust, reinforced frame, it delivers superior breakout force and lifting capacity. The operator-focused design includes a pressurized, low-noise cabin and ergonomic controls to ensure safety and comfort during long shifts.

Performance Metrics

Key Performance Indicators

5.5 t Rated Load	3.3 m³ Standard Bucket Capacity	98 kN Breakout Force	10300 kg Operating Weight
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Engine & Powertrain

Engine Specifications

- Rated power: 92 kW
- Rated speed: 2200 rpm
- Three-stage air filtration system for heavy-dust environments
- Multi-stage fuel filtration system

Transmission System

Mechanical countershaft transmission with electronic control shift technology and KD forced gear shifting function.

Hydraulic System

Hydraulic System Capabilities

Variable displacement steering pump, High pressure bearing, Dual-seal pipeline technology, High-efficiency filtration (99.5% impurity removal)

Construction & Durability

Structural Durability

- Reinforced center-articulated frame
- Tested via million-cycle fatigue tests
- 1,000 hours intensive experimental testing
- 5,000 hours jobsite industrial testing
- Reinforced main reducer and wheel hub

Operator Comfort

Cabin Features

Full-enclosed skeleton structure • Low-noise environment • Micro-pressurizing air conditioning • High-back mechanical suspension seat • Excellent visibility

Technical Specifications

Technical Data Table

Specification	Value
Rated Power	92 kW @ 2200 rpm
Gear Shift (F/R)	4/2
Standard Breakout Force	98 kN
Standard Bucket Capacity	2.0 m ³
Operating Weight	10300 kg