

# 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

|                            |  |                                |                                     |
|----------------------------|--|--------------------------------|-------------------------------------|
| <b>5.5 t</b><br>Rated Load | <b>3.3 m<sup>3</sup></b><br>Standard Bucket Capacity | <b>98 kN</b><br>Breakout Force | <b>10300 kg</b><br>Operating Weight |
|----------------------------|--|--------------------------------|-------------------------------------|

## 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 <sup>3</sup> |
| Operating Weight         | 10300 kg           |