

Heavy-Duty Wheel Loader for Construction

This wheel loader is designed for heavy-duty construction and material handling. It features a large-capacity bucket and a comfortable operator cabin.



Overview

Heavy-Duty Wheel Loader

This 5.5T heavy-duty wheel loader is engineered for high-productivity construction and material handling environments. Featuring a robust reinforced frame and a high-efficiency linkage system, it delivers exceptional breakout force and lifting capacity. The machine is built for reliability, utilizing advanced filtration systems and durable steel construction to withstand intensive, long-term industrial operations.

Performance

Key Performance Metrics

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

Engine Specifications

- Three-stage air filtration for heavy-dust environments
- Multi-stage fuel filtration system
- Designed for high fuel adaptability and cleanliness

Transmission Technology	Electronic control shift, KD forced shifting, High-efficiency gear switching
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Durability

Structural Integrity

- Reinforced center-articulated frame
- Patented composite articulated structure
- High-strength, wear-resistant bucket steel
- Reinforced axle housings and wheel hub supports

Testing Standards

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

Operator Comfort

Cabin Features

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

Hydraulic System

Hydraulic System Details

Feature	Specification
Steering Pump	Variable piston pump
Filtration Ratio	200 (99.5% impurity removal)
Seal Technology	Dual-seal pipeline design