

Compact Wheel Loader

This compact wheel loader is engineered for construction, landscaping, and agricultural applications. It features hydraulic transmission and a compact size for maneuverability in confined spaces.



Overview

Compact Wheel Loader Overview

This compact wheel loader is engineered for versatility and efficiency in construction, landscaping, and material handling applications. Featuring a robust engine and a high-capacity bucket, it delivers significant breakout and traction force for demanding tasks. Its compact dimensions ensure excellent maneuverability in confined spaces, while the responsive hydraulic system provides smooth control for all loading operations.

Performance Metrics

Key Performance Metrics

1200 kg

Rated Payload

0.5 m³

Bucket Capacity

31 kN

Traction Force

36 kN

Breakout Force

Engine & Power

Engine Specifications

Specification	Value
Engine Model	CHANGCHAI-490B
Rated Power	38 kW (52 hp)
Rated Speed	2400 rpm
Rated Torque	173 Nm @ 1800 rpm

Dimensions & Weight

Operating Weight	4350 kg
Dimensions (LxWxH)	5376 x 1630 x 2600 mm

Hydraulic System

Hydraulic Cycle Time (Seconds)

Operation	Time (s)
Raise (Loaded)	4.5
Dump	1.2
Lower (Empty)	2.2
Total	7.9

Drive Train

Travel Speeds

- Forward: 8.3 km/h (Gear I) / 20.8 km/h (Gear II)
- Reverse: 8.3 km/h (Gear I) / 20.8 km/h (Gear II)

Transmission Gear Configuration

2 Forward / 2 Reverse

Electrical System

System Voltage

24 V

Battery Capacity

180 Ah

Service Capacities

Service Refill Capacities

Component	Capacity (L)
Fuel Tank	80
Hydraulic Tank	80
Transmission	16
Front/Rear Axle (each)	8