

## 1.6 Ton Compact Front Loader

This 1.6 ton compact front loader is designed for a variety of agricultural and construction tasks. Its compact size allows for maneuverability in tight spaces, making it suitable for small to medium-sized projects.



### ADDITIONAL IMAGES



### Overview

#### Compact Power and Versatility

The 1.6 Ton Compact Front Loader is a versatile machine engineered for efficient material handling in both agricultural and construction environments. Featuring a robust hydraulic system and a powerful engine, this loader delivers reliable performance for lifting, loading, and moving aggregates. Its compact design and articulated steering ensure excellent maneuverability in confined spaces, while the operator cabin is designed for comfort and visibility to maintain high productivity throughout the workday.

### Performance

#### Rated Loading Capacity

**1600 kg**  
Rated Loading

#### Operational Capabilities

Metric	Value
Overall Weight	4800 kg
Bucket Capacity	0.9 m <sup>3</sup>
Max Tractive Force	54 kN
Max Breakout Force	45.4 kN
Max Grade Ability	30°

#### Dimensions & Maneuverability

- Overall Dimensions (LxWxH): 5200 x 1950 x 2740 mm
- Max Dump Height: 3000 mm
- Max Dump Reach: 752 mm
- Min Turning Radius: 5251 mm

## Engine

### Engine Specifications

Parameter	Specification
Model	WEICHAI4102
Type	Vertical, in-line, water cooled, 4-stroke diesel
Rated Power	47 kW @ 2200 r/min
Max Torque	270 N.m
Min Fuel Consumption	d243g/kw.h

## Transmission & Drive

### Transmission Details

- Torque Converter: YJ265A
- Gearbox Mode: Countershaft power-shift
- Gear Shift: 2 forward, 2 reverse
- Max Speed: 24 km/h

### Drive Axle System

Circular Arc Bevel gear, Single stage main reduction, Single stage planetary deceleration