

# Tracked Combine Harvester for Hilly Terrain

This combine harvester is designed for use in small fields and hilly areas. Its light weight and flexible design ensure good performance in muddy conditions.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Harvesting for Challenging Terrains

The 4LZ-2.2Z is a versatile tracked combine harvester specifically engineered for efficiency in hilly areas and small, irregular fields. Its lightweight design and high ground clearance ensure exceptional performance in muddy conditions where traditional machinery might struggle. This multi-functional unit streamlines the harvesting process for rice, wheat, and other grain crops, offering a robust solution for international agricultural standards.

## Performance Metrics

### Key Performance Metrics

<b>2.2 kg/s</b> Feeding Capacity	<b>0.4 ha/hr</b> Harvesting Efficiency	<b>60 hp</b> Maximum Power	<b>280 mm</b> Min. Ground Clearance
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## Engine & Drive System

### Engine Specifications

Feature	Details
Engine Model	490Q / 498E(T-1)
Type	Vertical Diesel, 4-Cylinder, Water-Cooled, DI-Injection
Rated Power	39.75 kW to 47.8 kW
Rated Speed	2300 r/min
Transmission	Hydraulic (H123/3R, 5R gearbox)
Operating Speed	0-5.7 km/h

## Harvesting & Threshing

### Harvesting Features

- Eccentric tooth chamfered arm pickup reel
- Telescopic screw conveying header auger
- V-type left and right blades
- Spiked teeth axial flow threshing system
- Grid or adjustable welding concave sieve
- Integrated re-thresher pipe to reduce grain loss

## Chassis & Mobility

### Undercarriage & Mobility

Component	Specification
Track Type	Rubber Track Treads
Track Size	400 x 90 x 46 mm
Chassis Structure	Triangle type for mud field stability
Steering	Clutch and Brake system
Braking	Clutch and Brake system

## Grain Handling

Grain Tank Capacity	950 L
Unloading System	180° Unloading Auger with vibrating device to prevent blocking

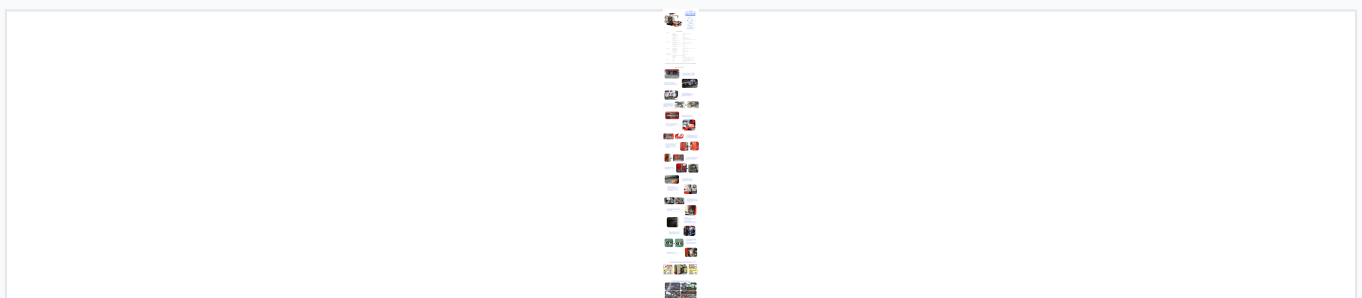
## Physical Dimensions

Operating Weight	2150 kg
Dimensions (LxWxH)	5280 x 1980 x 2780 mm

## Capabilities

Suitable Crops	Rice, Wheat, Grains
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## Design Improvements



Detailed breakdown of the harvester's components, including the triangle chassis for mud fields and the enhanced cooling system.

### Durability & Maintenance

- Upward exhaust pipe to prevent mud and straw entry
- Thicker plates and wear-resistant materials in conveyors
- Separated design for easy part replacement and lower maintenance costs
- High-quality oil-water separator for engine protection
- Rectangular radiator structure for improved cooling ventilation