

Portable Corn Sheller with Integrated Power Unit

This farm machine efficiently shells corn. It features a hopper, shelling mechanism, discharge chute, and an integrated power unit, all mounted on a wheeled chassis for portability.



Overview

High-Efficiency Portable Corn Sheller

This portable maize thresher is designed for livestock breeding, farms, and household use, offering a powerful solution for separating corn kernels from cobs. Engineered for speed and precision, the machine ensures clean shelling without damaging the grain, making it suitable for seed use. With integrated wheels and a mobile frame, it is easily transportable and can be pulled by animals or vehicles, providing high-output performance in various agricultural settings.

Key Features

Core Capabilities

- Simultaneous husking and shelling
- High-speed operation with minimal breakage
- Includes rubber wheels for easy transport
- Compatible with diesel engine or electric motor
- Suitable for seed-grade grain processing

Performance Metrics

Threshing Efficiency

| | | |
|-------------------------------|---------------------------------|--|
| 98 % Threshing Rate | 1 % Max Breakage Rate | 1000 r/min Main Shaft Rotation |
|-------------------------------|---------------------------------|--|

Model Comparison

Model Specifications

| Model | Efficiency (kg/h) | Weight (kg) | Power (hp) |
|---------|-------------------|-------------|------------|
| 5TY-0.5 | 500-2000 | 230 | 8 |
| 5TY-4.5 | 2500-4500 | 330 | 15 |
| 5TY-850 | 5000-6500 | 360 | 15 |

Design & Utility

Portability Features

Rubber Wheels • Mobile Frame • Animal Towable

Power Source Options

Diesel Engine, Electric Motor