

Automated Cashew Nut Shelling System

This automated system is designed for efficient cashew nut processing. It features a multi-stage shelling process that cracks the shells without damaging the kernels, achieving a shelling rate of e 98% and a kernel wholeness rate of e 91%.



Overview

Automated Cashew Processing Excellence

This automated cashew nut shelling system is engineered for high-efficiency industrial processing, focusing on maximizing kernel integrity and shelling precision. By utilizing a flexible elastic mechanism and advanced separation technology, the system ensures a high peeling rate while minimizing air source pressure requirements. It is a robust solution designed to streamline the transition from raw nuts to high-quality finished kernels with consistent moisture control.

Performance Metrics

Key Performance Indicators

98 % Shelling Rate	91 % Kernel Wholeness	5 % Max Moisture Content
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Technical Features

Input & Transport

- Feeding hopper for continuous input
- Automated conveyor system for nut transport
- Adjustable shelling parameters

Shelling Mechanism

Multi-stage precision shelling units with flexible elastic mechanism

Separation System

Integrated separation and sorting mechanism for efficient nut isolation

Compliance & Maintenance

Construction

Durable Build • Reliable Operation • Easy Cleaning

Industrial Standards

Food Safety Standards, Industrial Grade, Easy Maintenance