

# 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

|                              |                                 |                                    |
|------------------------------|---------------------------------|------------------------------------|
| <b>98 %</b><br>Shelling Rate | <b>91 %</b><br>Kernel Wholeness | <b>5 %</b><br>Max Moisture Content |
|------------------------------|---------------------------------|------------------------------------|

## 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 |
|----------------------|---|