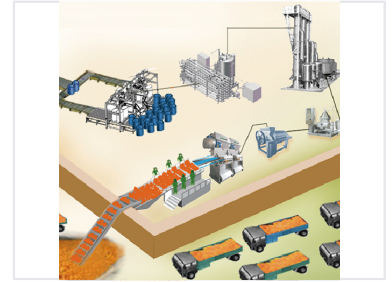


Automated Citrus Fruit Processing Line

This automated citrus processing line washes, sorts, and grades citrus fruits. The system maximizes efficiency, reduces labor costs, and ensures consistent product quality in large-scale citrus processing operations.



ADDITIONAL IMAGES



Overview

Turnkey Citrus Processing Solution

This intelligent processing line offers a comprehensive, turnkey solution for the industrial extraction and refinement of citrus fruits. Engineered for high operational efficiency, the system manages the entire workflow from initial fruit pretreatment and grading to advanced juice extraction, pasteurization, and concentration. By integrating automated man-machine interface controls and enzymatic clarification systems, the line ensures high yields while preserving the original nutritional value and flavor of the final product.

Technical Capabilities

Processing Stages

- Fruit pretreatment and grading
- Full-fruit juice extraction
- Juice refining
- Essential oil extraction
- Pasteurization and UHT sterilization
- Juice concentration
- Enzymatic clarification and separation
- Automatic cleaning (CIP)

Compatible Fruit Varieties

Oranges, Lemons, Similar Citrus Varieties

Operational Features

Automation & Control

Man-machine interface control • Automated cleaning system • High automation degree

Output Product Types

- Concentrated orange juice
- NFC (Not From Concentrate) / Raw juice
- Essential oil (by-product)

Configuration

Customization Options

| Feature | Customization Detail |
|--------------------|---|
| Juicer Selection | 3 types available |
| Oil Separation | Optional based on customer needs |
| Component Sourcing | Choice between import or domestic equipment |