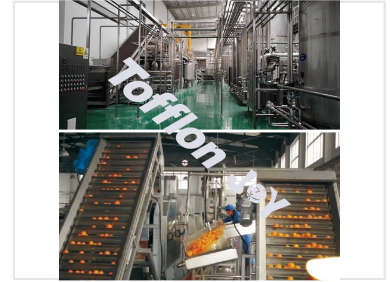


Citrus Fruit Processing Line

This citrus fruit processing line improves operating efficiency and reduces downtime. It is designed to handle various citrus fruits, producing fresh juice, juice concentrate, pulp, essential oils, and dried peel.



ADDITIONAL IMAGES



Overview

Comprehensive Citrus Processing Solutions

This turnkey citrus fruit processing line is designed to maximize operating efficiency and minimize maintenance downtime for global juice producers. The system supports a wide range of raw materials including oranges, lemons, and grapefruits, delivering high-quality end products like NFC juice and concentrates. With a focus on sanitary design and automated control, it provides a cost-effective solution for industrial-scale fruit processing.

Performance Metrics

Key Performance Indicators

90 %

Output Percentage

2000 T/D

Max Daily Capacity

Technical Specifications

Production Capacity Range	20T/D – 2000T/D
Solids Content	12 Brix
Brix Range	7~12 Brix

Raw Materials & Products

End Product Varieties

- NFC Fresh Nature Juice
- Concentrated Juice
- Essential Peel Oil
- Orange Pulp
- Cyst
- Dried Peel

Compatible Raw Materials

Orange, Lemon, Citrus, Pomelo, Grapefruit

Packaging Compatibility

Aseptic Bag, Aseptic Box, Glass Bottle, PET Bottle, Gable Top Box

System Features

System Characteristics

- Sanitary design for thorough cleaning
- Advanced enzymatic hydrolysis separation system
- Low labor intensity and easy operation
- Customizable configurations (Economy to High-level)
- Integrated essential oil separation system option

Automation & Control

Full man-machine interface control with high-level automation

Sanitation & Cleaning

Yes

Process Workflow



A complete automated citrus processing line featuring stainless steel extraction and filtration units.

Line Components

Stage	Process Description
Pre-processing	Receiving, washing, sorting, and classification
Extraction	Feeding, juice extracting, and refining
Treatment	Separating, concentration, and standardization
Finishing	Sterilizing, homogenizing, and aseptic filling