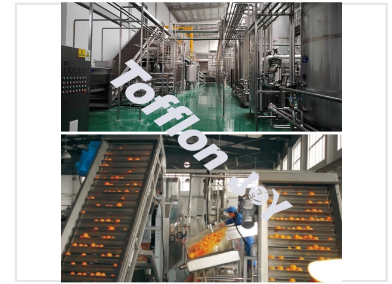


# Citrus Fruit Processing Line

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  |