

Beverage Processing Line

A complete production line for various fruits, vegetables, and plants, which can be processed into juice products such as bottling, concentrate, and subsequent fermentation.

The general fruit and vegetable juice production process: Fruit selection → Inspection → Cleaning → Crushing → Pressing → Filtration → Blending → Sterilization, Homogenization, Degassing → Filling → Secondary Sterilization → Packaging

This production line is used for the production of fruit juice beverages. Raw materials can be fresh fruit or concentrated juice. Customizable to meet customer requirements and production volume, the entire line includes pre-treatment systems such as fruit cleaning and pulping, juicing, water treatment, sugar refining and blending, degassing, homogenization, and sterilization, CIP cleaning, blow molding, filling, secondary sterilization, labeling machine, air dryer, inkjet printer, film wrapping machine, conveyor, boiler, and more. The degree of automation can be customized to meet customer requirements. We provide process flow and workshop layout design, along with full technical guidance.

| | |
|---|--|
| Number of filling heads | 10 heads |
| Filling capacity | 500-5000ml, 100-1000ml(according to your need) |
| Power | 3KW/AC208V/60HZ, single-phase |
| Filling speed | 40-60 bottles/minute(according to your product) |
| Filling accuracy | ± 1% |
| Filling form | Servo piston multi head filling |
| Program control | PLC+touch screen |
| The material filling rack | 304 #stainless steel |
| Materials of parts in contact with liquid | 316 #stainless steel, polytetrafluoroethylene |
| Material tank | 200 liters |
| Protection device | Abnormal status alarm and automatic shutdown in certain situations |
| Machine size | 3700*1500*2100mm |

