

Industrial Beverage Processing System with Heat Exchanger

This industrial beverage processing system is designed for efficient beverage processing. It features stainless steel tanks, interconnected piping, and a Tetra Spiraflo heat exchanger for precise temperature control.



ADDITIONAL IMAGES



System Overview

Industrial Beverage Treatment Solution

This industrial-scale beverage treatment system is engineered for high-efficiency processing in hot filling and carbonated soft drink (CSD) production environments. The system integrates professional process design with high-quality hygienic piping, precision valves, and advanced control instrumentation to ensure consistent beverage quality. Featuring robust stainless steel construction and specialized heat exchange technology, it provides a comprehensive solution for water treatment, ingredient mixing, and precise temperature regulation.

Tank Functions

Tank Type

- Recycled Water Tank
- Water Storage Tank
- Acid Treatment Tank
- Alkali Treatment Tank

Primary Applications

Hot Filling, CSD Production, Beverage Processing, Industrial Water Treatment

Technical Components

Core Components

- Stainless steel processing tanks
- Tetra Spiraflo heat exchanger
- Hygienic piping and valve network
- Centralized control panel
- Precision control meters

Heat Exchange Technology

Tetra Spiraflo