

Used FISCHER Complete Skid-Mounted Pasteurization & Cooling Line

Machine type:	Pasteurizer
Ref:	PST31
Model:	18CFG
Year:	2004
Speed:	6000 Bottles/hour
Condition:	Ready For Operation
Products:	Beer, Juice

Technical details

Type:	Flash	Stages:	4
Safety features:	Yes	Manuals:	No

Description

Used FISCHER Complete Skid-Mounted Pasteurization & Cooling Line

Technical Specifications & Performance Data

This skid-mounted plate heat exchanger pasteurizer is engineered for high-throughput thermal processing with integrated cooling and CIP functionality. Manufactured by FISCHER engineering and built on a stainless steel skid, it offers rapid deployment and reliable performance for beverage production and industrial packaging environments.

- **Type:** Plate heat exchanger pasteurizer (EUROCAL series)
- **Model:** EUROCAL 18CFG
- **Throughput:** 6,000 L/h
- **Sections:** 4-section plate pack for heating, regeneration, and cooling
- **Design pressure (PS):** 6 bar
- **Manufacturing year:** 2004
- **Construction:** High-grade stainless steel skid and process contact parts
- **Chiller module:** Air-cooled heat-pump type (Cooling 30.0 kW; Heating 32.0 kW; Refrigerant R407C)

Advanced Automation & Control Systems

The pasteurizer features centralized automation for precise thermal profiles and repeatable product quality across shifts.

- **Control panel:** Central stainless steel electrical cabinet with PLC and touchscreen HMI
- **Instrumentation:** Pressure gauges, flow control, and temperature sensors for closed-loop regulation
- **Process analytics:** Inline quality monitoring to supervise key product parameters in real time
- **CIP automation:** Pneumatic valve islands and control heads orchestrating automated cleaning cycles

Production Line Integration Capabilities

Designed to integrate seamlessly upstream of filling, this second hand thermal processing unit connects easily to existing utilities and can be paired with a used bottling line or new production line layouts.

- **Inline/standalone:** Operates as a standalone pasteurization and cooling skid or inline within a complete packaging machinery line
- **Format flexibility:** Suitable for multiple liquid products prior to filling in PET, glass, or other containers
- **Quick connection:** Skid piping and utility stubs facilitate fast commissioning and changeovers

Machine Condition & Maintenance History

Professionally maintained and presented in ready-for-operation condition, this equipment supports immediate relocation and rapid start-up for beverage production or food processing facilities.

- **Status:** Ready for immediate operation
- **Upkeep:** Well-maintained, industrial-grade components designed for continuous duty

Operational Performance & Versatility

Ideal for high-quality thermal treatment with efficient energy recovery, ensuring consistent pasteurization while protecting sensory attributes.

- **Applications:** Milk pasteurization, fruit juice processing, syrup handling, and brewery wort cooling
- **Energy efficiency:** Regeneration section increases thermal efficiency and reduces utility load
- **Quality assurance:** Inline monitoring and stable control logic for product safety and repeatability

Installation Requirements & Site Preparation

The stainless steel skid simplifies handling and minimizes installation time.

- **Utilities:** Electrical supply, chilled water (or glycol), process water, and CIP media connections
- **Commissioning:** Skid layout supports straightforward tie-ins to existing process and packaging equipment

Safety Standards & Compliance Certification

Designed for hygienic processing with operator protection and process integrity at the forefront.

- **Hygiene:** Stainless steel construction suitable for food and beverage environments



- **Operator safety:** Guarded process areas with emergency-stop functions at the control interface
- **Process safety:** Pressure-rated plate pack and monitored temperature/flow parameters