

Used Tetra Pak 4.3 T aseptic homogenizer

Machine type:	Homogenizer
Ref:	HO1
Model:	TA200
Year:	2010
Condition:	Under Maintenance

Technical details

Safety features:	Yes	Manuals:	No
------------------	-----	----------	----

Description

Used Tetra Pak 4.3 T aseptic homogenizer

Technical Specifications & Performance Data

This industrial homogenizer is engineered for high-pressure processing and reliable particle-size reduction across beverage and food applications. Manufactured by Tetra Pak, the TA200 platform is recognized for stable operation, hygienic design, and robust components suitable for continuous-duty production. This unit is associated with a 250 bar rating, aligning with common requirements for dairy, juice, and beverage processing prior to filling and packaging on a used bottling line or second hand industrial packaging system.

- **Manufacturer:** Tetra Pak
- **Model:** TA200
- **Pressure rating:** up to 250 bar (as indicated on the machine type plate)
- **Design intent:** High-pressure homogenization for beverage production
- **CE marking:** Present
- **Aseptic capability:** Includes preparation/upgrading to aseptic homogenization
- **Application scope:** Beverage production and industrial packaging lines

Advanced Automation & Control Systems

The TA200 platform from Tetra Pak is designed to integrate with modern automation architectures used in beverage production. Typical interfaces support upstream and downstream synchronization with processing and bottling equipment. Operator-friendly controls and clear status indication help maintain repeatable results and reduce downtime.

- Integration-ready control interfaces for line automation

- Process monitoring for pressure and flow stability
- Designed for consistent homogenization performance at set pressure
- Safety interlocks aligned with industrial practice

Production Line Integration Capabilities

This homogenizer is suitable for installation upstream of fillers and other bottling equipment within a used bottling line or a second hand beverage production plant. Its aseptic upgrade preparation supports integration into hygienic and ultra-clean process segments where product protection and shelf-life are priorities.

- Compatible with standalone or inline operation
- Interfaces with mixers, pasteurizers, and fillers in industrial packaging lines
- Flexible placement before filling of PET or glass containers
- Suitable for multi-product beverage workflows

Machine Condition & Maintenance History

The unit is presented for sale with inclusion of preparation/upgrading to aseptic homogenization. It is positioned for rapid commissioning into beverage production environments. Routine maintenance practices can be applied in accordance with Tetra Pak guidelines to preserve performance and reliability.

- Commercially offered as a second hand industrial asset
- Ready for operation subject to standard installation and commissioning

Operational Performance & Versatility

High-pressure homogenization improves stability, mouthfeel, and product uniformity, enabling downstream filling into PET and glass packaging. The TA200 platform is widely used in beverage production where consistency and quality control are essential.

- Stable particle-size reduction at defined pressure setpoints
- Supports consistent quality across beverage batches
- Aseptic upgrade preparation enhances hygiene-critical processes

Installation Requirements & Site Preparation

Plan installation with adequate space for service access and utilities. Positioning should allow safe operator access, straightforward CIP connections if required, and clean routing of product and utility lines.

- Allow service clearance for routine maintenance
- Provision for electrical supply, process water, and product connections
- Floor loading and anchoring suitable for vibration control
- Integration-ready with upstream and downstream piping

Safety Standards & Compliance Certification

The machine plate displays CE marking, indicating conformity with applicable machinery and safety directives. The platform includes industrial safeguards intended to protect operators and ensure safe operation during high-pressure processing.

- CE conformity
- Safety interlocks and protective guarding aligned with high-pressure operation
- Hygienic design to support food and beverage standards