



Used filling machine A1 Tetra Pak Aseptic 16400 bph



Machine type:	Filling Machine
Ref:	R79
Model:	A1-Tetra Classic Aseptic (TCA)
Year:	2006
Speed:	16400 Boxes/hour
Condition:	In production
Formats:	0.06 L, 0.10 L
Containers:	Brik
Products:	Dairy, Juice

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Technical details

No. of valves:	1	Fill type:	Aseptic
Electronic pre-expulsion valve:	Auto-level	Rotation:	Clockwise
Safety features:	Yes	Manuals:	Yes

Description

Used Tetra Pak A1 - Tetra Classic Aseptic (TCA) Filler, 16,400 pph - Overview

This pre-owned aseptic form-fill-seal carton filler is a Tetra Pak A1 - Tetra Classic Aseptic (TCA), engineered for high-speed small-format beverage production. Designed to form, fill, and seal tetrahedral cartons directly from roll-fed packaging material, it delivers reliable performance for UHT products and shelf-stable beverages. As a second hand industrial packaging asset currently in production, it is an excellent choice for upgrading a used bottling line with proven aseptic capability.

Technical Specifications & Performance Data

- Manufacturer / Model: Tetra Pak A1 - Tetra Classic Aseptic (TCA)
- Technology: Aseptic form-fill-seal carton filler (laminate roll-fed); non-isobaric application
- Year of manufacture: 2006
- Operating speed: 16,400 packs per hour (pph)
- Package style: Tetra Classic Aseptic (tetrahedral cartons)
- Fill volume range: 65-100 ml
- Installed accessory: 65 ml conversion kit



- Recorded run hours: 42,053 (Line A)
- Current status: In production; excellent running condition
- Typical products: UHT milk, flavored dairy, juices, nectar-based drinks, and other aseptic-ready liquid foods suited to carton packaging

Advanced Automation & Control Systems

Precision Web Handling & Registration

- Roll-fed laminate forming with print-mark registration for accurate cutting and sealing
- Consistent pack geometry for stable downstream handling and case packing

PLC-Based Operation & HMI

- Centralized PLC control with operator HMI for recipes, alarms, and line diagnostics
- Automated routines supporting production start-up, format change, and cleaning sequences

Aseptic Process Features

- Packaging material sterilization and controlled aseptic filling environment per A1 TCA design
- Integration readiness for CIP/SIP at the product interface; sterile air management and filtration consistent with aseptic practice

Production Line Integration Capabilities

Upstream Connectivity

- Compatible with UHT/ESL processing systems, balance tanks, product deaeration, and inline quality monitoring
- Product feed interfaces designed for hygienic connections and controlled flow

Downstream & End-of-Line

- Interfaces for carton conveyors, checkweighers, date coding/inkjet printing, case packing, and palletizing
- Suitable for integration within a used bottling line or mixed-format beverage production layout

Controls & Data

- Standard I/O for line interlocks and efficiency tracking; supports line start/stop coordination
- Data points available for OEE and quality reporting via the machine HMI/PLC (per OEM configuration)

Machine Condition & Maintenance History

- Currently running in production with 42,053 recorded operating hours
- Described as in excellent condition with stable output at rated speed
- Clean, maintained second hand filler suitable for rapid redeployment in industrial packaging environments



Operational Performance & Versatility

- High-speed small-volume capability: 16,400 pph across 65–100 ml formats
- 65 ml conversion kit included to optimize changeovers for on-the-go pack sizes
- Designed for continuous, hygienic operation with minimal waste and reliable sealing integrity
- Ideal for value-added SKUs in dairy, juice, and functional beverage production

Installation Requirements & Site Preparation

- Environment: Aseptic filling area with controlled temperature, humidity, and air quality per OEM recommendations
- Utilities: Three-phase power, oil-free compressed air, sterile air, vacuum (as required), process steam for SIP/sterilization, chilled water/cooling, and CIP connections
- Process: Hygienic product inlet from UHT system/balance tank with sanitary piping and valves
- Packaging supply: Roll-fed laminate storage/handling and print-mark alignment provisions
- Layout: Sufficient footprint, maintenance clearance, service access, and ergonomic operator stations
- Compliance: Install per Tetra Pak guidelines and applicable local regulations

Safety Standards & Compliance Certification

- Machine guarding with interlocked doors and emergency stop circuitry
- Lockout/Tagout provisions and safety labeling consistent with industrial machinery practice
- Food-contact and hygienic design principles appropriate for aseptic operations
- Final compliance to applicable standards and directives depends on destination country and buyer's integration; verification during FAT/SAT is recommended

This Tetra Pak A1 – Tetra Classic Aseptic filler is a robust, pre-owned solution for manufacturers seeking dependable aseptic capacity in a used bottling line or expanding industrial packaging operations, combining speed, format flexibility, and proven Tetra Pak engineering.



Used
Bottling
Lines™

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