

# Used Tetra Pak A3-speed aseptic filling machine - Year 2013

Machine type:	Filling Machine
Ref:	R89
Model:	A3/Speed
Year:	2013
Condition:	Ready For Operation
Formats:	250 ml

## Technical details

Fill type:	Aseptic	Safety features:	Yes
Manuals:	No		

## Description

### Used Tetra Pak A3-speed aseptic filling machine - Year 2013

#### Technical Specifications & Performance Data

This A3/Speed aseptic carton filling machine delivers reliable performance for high-quality beverage packaging in industrial environments. Manufactured by Tetra Pak, it is engineered for precision filling, robust uptime, and hygienic operation. With low working hours and modern servo-controlled motion, it is a strong candidate for upgrading a used bottling line or expanding second hand industrial packaging capacity in beverage production.

- **Manufacturer:** Tetra Pak
- **Model:** A3/Speed
- **Year:** 2013
- **Working hours:** 4689
- **Filling technology:** Aseptic carton filling
- **Package formats:** 0.25L Prisma, 0.2L (slim)
- **Container type:** Carton
- **Main power:** Configured for standard three-phase industrial mains
- **Frequency:** 50/60 Hz
- **Control voltage:** 24 V DC

- **IP rating of electrical enclosures:** High protection level suitable for food and beverage washdown (typically IP54/IP65)
- **Status:** Installed and under power

## Advanced Automation & Control Systems

Designed with a modern automation architecture, this machine integrates a central PLC, fieldbus communication, and a comprehensive HMI for streamlined operation. The touch-screen interface supports real-time monitoring, alarm diagnostics, recipe management, and automated wash cycles, reducing changeover times and improving line efficiency in packaging machinery applications.

- **PLC/HMI:** Central PLC with touch-screen HMI
- **Fieldbus:** Industrial fieldbus for distributed I/O and drives
- **Motion control:** Brushless servo drives for precise carton indexing, folding, and sealing
- **Electronic synchronization:** Virtual electronic shafts replace mechanical linkages for higher accuracy at speed
- **Operator safety:** Lockable door-interlocked main isolator on the main electrical cabinet
- **Low-voltage controls:** 24 V DC for sensors, actuators, and safety logic

## Production Line Integration Capabilities

This aseptic filler integrates seamlessly into a complete beverage production line. It can operate as a standalone machine or inline with upstream and downstream equipment such as carton infeed systems, conveyors, case packers, and palletizers. Quick recipe-based adjustments simplify transitions between 0.25L Prisma and 0.2L slim formats, supporting flexible industrial packaging workflows.

- **Operation modes:** Standalone or inline
- **Formats:** Compatible with 0.25L Prisma and 0.2L slim cartons
- **Conveying:** Ready for integration with standard conveyor systems
- **Recipe management:** HMI-based format and parameter control

## Machine Condition & Maintenance History

The unit is installed and under power, indicating maintained electrical integrity and readiness for demonstration or rapid restart in production. With only 4689 operating hours, wear is limited. The equipment has been engineered for washdown resistance (CIP/foam cleaning), supporting hygienic maintenance routines common in beverage packaging machinery.

- **Operational status:** Installed and under power
- **Working hours:** 4689
- **Washdown compatibility:** Designed for hygienic environments and routine cleaning

## Operational Performance & Versatility

Engineered for aseptic filling, the A3/Speed ensures product integrity and extended shelf life without refrigeration. Servo-driven motions and electronic synchronization provide repeatable sealing quality, accurate fill volumes, and smooth handling of modern carton designs. This versatility makes it a strong asset for beverage production and industrial packaging operations seeking high OEE and consistent output within a used bottling line context.

- **Aseptic process:** Supports ambient distribution of shelf-stable beverages
- **Precision handling:** Servo control for consistent folding and sealing
- **Quality assurance:** Stable, repeatable parameters via PLC/HMI recipes

## Installation Requirements & Site Preparation

The machine is configured for standard three-phase industrial mains and typical food and beverage plant environments. Site preparation should include appropriate electrical supply, hygienic drainage for cleaning operations, and layout space for carton logistics and downstream case packing.

- **Power:** Three-phase industrial mains; 50/60 Hz
- **Controls:** 24 V DC control circuits
- **Environment:** Suitable for washdown areas with humidity control
- **Integration:** Space allocation for conveyors and end-of-line equipment

## Safety Standards & Compliance Certification

Operator safety and hygienic design are addressed through guarded enclosures, door-interlocked main isolation, and low-voltage control circuits. High-IP electrical cabinets support safe operation during routine cleaning and contribute to compliance with food and beverage hygiene expectations.

- **Main isolator:** Lockable, door-interlocked switch for total energy isolation
- **Enclosure protection:** High IP rating suitable for washdown
- **Operator interface:** HMI provides alarm diagnostics and guided procedures
- **Hygienic design:** Built for aseptic processing and cleaning compatibility