

Used KRONES PET complete line for ESL 12000 BPH

Machine type:	Complete Bottling Line
Ref:	LC614
Year:	2006
Speed:	12000 Bottles/hour
Condition:	Ready For Operation
Formats:	1 L
Containers:	PET
Products:	Dairy

Technical details

Fill type:	Aseptic	Isobaric:	No
Safety features:	Yes	Manuals:	No

Description

Used KRONES PET complete line for ESL 12000 BPH

Technical Specifications & Performance Data

This used bottling line is configured for PET ESL applications with UV cap treatment and is aseptic-ready. Engineered around Krones equipment, it delivers consistent performance for 0.5L and 1.0L formats. The line is suitable for industrial packaging and beverage production, especially for sensitive products requiring extended shelf life.

- **Line type:** PET ESL with UV cap treatment; aseptic-ready configuration
- **Maximum line speed:** 12000 bph (based on 1.0L)
- **Formats:** Compatible with 0.5L and 1.0L bottle formats
- **Neck formats:** 38mm
- **Containers:** Designed for PET bottle handling
- **Blow molder:** Krones Contiform S8, 8 cavities
- **Filler:** Krones VODM-PET counterpressure volumetric filler, 32 heads
- **Labeling:** Krones rotary labeler with 10 plates (10000 bph) and Krones rotary labeler with 8 plates (8000 bph)
- **End-of-line:** Case packer and Fanuc robot palletizer for Europallets
- **Operating hours:** Approximately 43950 hours

- **Manufacturing year (main equipment):** 2006
- **Model references:** Contiform S8, VODM-PET

Advanced Automation & Control Systems

The line integrates modern automation with centralized HMI for recipe management, production counters, and real-time performance monitoring. Automatic valve and pump control supports consistent filling conditions and stable operation at target throughput.

- Automated production functions with HMI-based control
- Performance setpoint management and production counter visualization
- UV cap treatment system integrated for ESL compliance
- Designed for hygienic operation and stable filling
- Quick recipe selection for 0.5L and 1.0L formats

Production Line Integration Capabilities

This second hand complete bottling line is configured for inline operation from PET preform blowing through filling, labeling, case packing, and robotic palletizing. Conveyors and accumulation ensure smooth product flow with minimal stops.

- Inline configuration from blow molding to palletizing
- Dual rotary labeling machines to optimize throughput across formats
- Fanuc robotic palletizer for Europallet patterns
- Format changeover between 0.5L and 1.0L with dedicated change parts
- Suitable for beverage production workflows requiring ESL conditions

Machine Condition & Maintenance History

The line remained in production until December 2025. It is still connected to the electrical network and can be demonstrated running. Overall hours are approximately 43950, reflecting a well-utilized but maintained system typical for industrial packaging environments. No refurbishments are declared, and the equipment has remained in service through recent operations.

- Operational until December 2025
- Connected and can be seen running
- Approx. 43950 operating hours
- Commercially maintained in a production setting

Operational Performance & Versatility

The Krones VODM-PET is an volumetric filler suited to counterpressure filling of sensitive beverages. With ESL-capable handling and UV cap treatment, the line is ideal for extended shelf life applications. The Contiform S8 blow

molder with 8 cavities supports stable output aligned to the filler, while two rotary labelers allow format-specific optimization.

- Isobaric counterpressure filling for sensitive products
- Extended shelf life (ESL) configuration with UV cap treatment
- Optimized for 0.5L and 1.0L PET bottles
- Dual labeling setup for format and throughput flexibility
- Robotic palletizing for consistent end-of-line quality

Installation Requirements & Site Preparation

The line is arranged for standard factory utilities and modern production layouts. A suitable production area is required to accommodate blow molding, filling, labeling, and palletizing sections with appropriate access and safety clearances.

- Electrical power supply for blow molder, filler, labelers, and robotics
- Compressed air (high and low pressure) for blow molding and pneumatic functions
- Process utilities suitable for ESL operation
- Space allocation for inline conveyors, accumulation, and end-of-line palletizing

Safety Standards & Compliance Certification

Built around Krones engineering, this used bottling line includes industrial safety guarding, interlocks, and emergency stop circuits to support safe operation. Hygienic design practices typical of modern beverage packaging machinery are applied across product contact and handling areas.

- Machine guarding and safety interlocks
- Emergency stop systems at key stations
- Hygienic construction suitable for beverage applications
- Designed to align with international industrial safety practices