

Used KRONES filling triblock for sparkling water 25000 BPH - year 2002

Machine type:	Filling Monoblock
Ref:	M316
Year:	2002
Speed:	25000 Bottles/hour
Condition:	Ready For Operation
Formats:	500 ml
Containers:	PET
Products:	Water (Sparkling)

Technical details

Rotation:	Counterclockwise	Has rinser:	Yes
Has blowing machine:	No	Has capper:	Yes
Filler - No. of valves:	80	Aseptic:	No
Neck type:	Alaska	Isobaric:	Yes
Filler - Type of nozzle:	Fixed	Filler - Fill type:	Isobaric
Safety features:	Yes	Manuals:	Yes

Description

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Technical Specifications & Performance Data

This electronic filling monoblock integrates rinsing, isobaric filling, and capping in a compact rotary platform engineered by Krones. Optimized for PET bottles and carbonated water applications, it delivers high output with excellent process stability and hygiene. The configuration includes an 80-valve filler, 60-gripper rinser and a 15-head Zalkin capper, using neck-handling transfer for precise container control.

- **Production speed:** up to 25,000 bph
- **Current bottle format:** 0.5L
- **Container material:** PET
- **Neck handling:** Yes (neck transfer)

- **Neck finish type:** Alaska
- **Filler valves:** 80
- **Capper heads:** 15 (Zalkin)
- **CO2 management:** Yes (isobaric filling for carbonated products)
- **Machine type:** Rotary
- **Rotation direction:** Counterclockwise
- **Machine pitch:** 111 mm
- **Max container height:** 320 mm
- **Working height:** 1200 mm
- **Manufacturer:** Krones

Advanced Automation & Control Systems

The monoblock features Krones HMI interfaces for streamlined operation and diagnostics. Dedicated panels identified as KFS-3 and KRS-1 provide clear process monitoring, real-time production counters, and guided functions such as production counter reset, error list management, and lamp tests. Operator interaction is simplified via an intuitive keypad with contextual help and status indicators across machine modules.

- Integrated Krones control panels with HMI
- Real-time production counters and status visualization
- Programmable function keys for fast operation
- Emergency-stop circuitry and safeguarded control stations

Production Line Integration Capabilities

Designed for industrial packaging environments, this used bottling line component can operate as part of a complete beverage production layout or as a stand-alone monoblock. Neck-handling transfer ensures stable throughput across light-weight PET formats, while rotary architecture supports quick changeovers between compatible sizes.

- Inline integration with upstream/downstream conveyors
- Suitable for PET bottle handling with neck transfer
- Format flexibility around 0.5L, with potential for adjacent sizes depending on tooling
- Ideal for water and carbonated water within beverage production

Machine Condition & Maintenance History

The monoblock was disconnected from regular production approximately three months ago with no issues reported. It is in excellent working order and available for immediate shipment.

- Operational status: ready for operation
- Time since last production: ~3 months
- Condition: excellent; fully functional at time of disconnection

Operational Performance & Versatility

Engineered for carbonated water, the isobaric filler with CO2 management ensures accurate fill levels and product quality at high speeds. The Zalkin capper provides reliable closure application for PET neck finishes, while the rotary rinsing, filling, and capping sequence maintains hygienic handling and repeatable performance.

- Product compatibility: carbonated water and still water
- Isobaric technology for carbonated beverages
- Stable handling of PET via neck transfer
- Rotary design for continuous, high-speed cycles

Installation Requirements & Site Preparation

The monoblock's rotary platform requires a level floor and adequate clearance for guarding, operator access, and maintenance. Utilities should include electrical power, process CO2 for isobaric operation, compressed air for actuators, and process water/CIP connections per line standards. Integration points for conveyors and line control are available to connect with the broader packaging machinery system.

- Level foundation and ergonomic access around perimeter
- Electrical power and compressed air supply
- Process CO2 and CIP connectivity for beverage-grade sanitation
- Conveyor integration at infeed and discharge

Safety Standards & Compliance Certification

The machine includes comprehensive operator protections such as full guarding, interlocked access points, and emergency-stop systems visible on the control panel. Food- and beverage-grade construction practices support hygiene and cleanability standards appropriate for industrial packaging and used bottling line deployments.

- Emergency-stop buttons and guarded controls
- Interlocked safety doors and protective guarding
- Design suited to beverage hygiene requirements