

Used KRONES Aseptic filling line for PET 54000 BPH - 2021

Machine type:	Complete Bottling Line
Ref:	LC645
Year:	2021
Speed:	54000 Bottles/hour
Condition:	New
Containers:	PET

Technical details

Fill type:	Aseptic	Neck type:	38mm
Safety features:	Yes	Manuals:	Yes

Description

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Technical Specifications & Performance Data

This Krones aseptic PET complete bottling line delivers high-speed performance and sterile processing for sensitive, high-acid beverages. Engineered for efficiency and reliability, it combines advanced stretch-blow molding, dry aseptic filling, capping, inspection, labeling, and end-of-line handling to ensure consistent quality at scale.

- **Production speed:** 54000 bph
- **Container types:** Designed for PET bottle handling
- **Bottle formats:** Compatible with 0.15L, 0.23L, 0.5L bottle formats
- **Neck and cap:** 38mm neck finish with double-layer 38mm cap
- **Aseptic method:** Dry Aseptic (high-acid product capability with gas unit)
- **Blow molder:** CONTIFORM 324 SPEED, 24 cavities
- **Filler-Capper bloc:** CONTIPURE ASEPTBLOC DA VFJ 4.320-132-103, 132 filling valves and 44 capping nozzles
- **Inspector:** CHECKMAT 731 FM-X+L
- **Year of manufacture:** 2021
- **Operating hours:** 0 (never used)
- **Documentation:** All manuals available

Advanced Automation & Control Systems

The line integrates Krones SitePilot Line Diagnostics for real-time performance monitoring, data analysis, and process optimization. Coordinated controls across blow molding, aseptic filling, capping, inspection, labeling, and conveying enable stable, repeatable operations and efficient ramp-up to nominal speed. Dry aseptic technology minimizes media consumption while maintaining sterile conditions for high-acid beverages.

Production Line Integration Capabilities

Engineered as a complete system, this bottling line includes cap sorting and feeding, preform handling, container conveying, coding, multiple labeling technologies, drying, and quality inspection. It supports smooth inline operation and rapid format changes within the 150 ml to 500 ml range.

- Cap sorting and feeding system
- Preform feed unit and PREFORMCHECK RT preform inspector
- Container conveyor system
- Laser and inkjet coding units
- Sleeve labelers with tunnel, neck labelers, and anti-counterfeit labelers
- Full-bottle X-ray inspection and Krones CHECKMAT inspection
- Drying system and extraction hood for the blow molder
- High-pressure compressor and pure steam generator

Machine Condition & Maintenance History

Brand new, never used, and still in original packaging with 0 working hours. Manuals are included to support commissioning and operation. Equipment has not been in production and presents as factory-new.

Operational Performance & Versatility

This aseptic PET bottling line is optimized for high-acid beverage production, combining Krones dry aseptic technology with precise stretch-blow molding and hygienic filling. Multiple labeling stations (sleeve, neck, anti-counterfeit) and integrated coding provide strong brand presentation and traceability. Inline inspection with X-ray and CHECKMAT enhances quality control for fill level, closure, and packaging integrity.

Installation Requirements & Site Preparation

Site preparation should accommodate the complete process flow from preform feeding to pallet-ready bottles, with adequate utility connections and space for maintenance access. Utilities typically include electrical power, compressed air (served by the high-pressure compressor), pure steam (via the pure steam generator), and process gases for aseptic operation. Ventilation/extraction is supported locally at the blow molder.

Safety Standards & Compliance Certification

Designed for industrial packaging and beverage production environments, the line features hygienic design elements appropriate for aseptic processing and integrated diagnostic tools to maintain process control. Machine guarding,



interlocks, and emergency stop systems are standard in modern Krones engineering to support operator safety and product quality.