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Used Complete Bottling Line KRONES ERGOBLOC L 31500 bph for Still Water - PET year 2013

Machine type:	Complete Bottling Line
Ref:	LC447
Year:	2013
Speed:	31500 Bottles/hour
Condition:	In Production
Price:	€ 1,580,000
Formats:	350 ml, 500 ml
Containers:	PET
Products:	Water (Still)

Technical details

Fill type:	Volumetric	Neck type:	29/25
Safety features:	Yes	Manuals:	Yes

Description

Technical Specifications & Performance Data

- **Line type:** Used complete bottling line (second hand) configured for PET still water
- **Manufacturers:** Krones and Gebo Cermex
- **Year of build:** 2013
- **Nominal speed:** up to 31,500 bottles/hour (0.35 L and 0.50 L)
- **Bottle formats:** 0.35 L, 0.50 L
- **Container type:** PET with **29/25 neck**
- **Product type:** Still water (non-carbonated)
- **Main modules:** Krones Contifeed preform feeder, Krones Preform Check Inspector, Krones Contiform stretch blow molder, Krones ErgoBloc L 40-15 blow–fill–cap monoblock, Krones Checkmat cap inspector, Krones Contiroll roll-fed labeler, Gebo Cermex shrink wrapper, Gebo Cermex case packer
- **Line condition:** In production
- **Documentation:** OEM manuals available
- **Safety:** Safety features and guarding included

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Advanced Automation & Control Systems

This used bottling line leverages Krones' integrated line control for synchronized blow molding, filling, capping, labeling, and end-of-line packaging. Centralized HMI provides recipe management for 0.35 L and 0.50 L formats, production counters, fault diagnostics, and trend monitoring. Inline quality control is built-in: the **Preform Check Inspector** ensures preform integrity pre-blow, while the **Checkmat** verifies cap presence, application angle, and height at full speed. Automated reject stations remove nonconforming containers without stopping production.

Electrical and controls documentation is supplied with the manuals. The line is equipped with interlocked guards, category-rated e-stops, and line-safety logic to protect operators and simplify maintenance interventions—all aligned with modern industrial packaging and beverage production practices.

Production Line Integration Capabilities

Designed as a compact, high-efficiency solution, the **Krones ErgoBloc L** eliminates traditional transfer points between blow molder, filler, and capper, reducing risk of contamination and obviating a conventional bottle rinser for PET. Upstream, the **Contifeed** preform feeder and vision inspection integrate seamlessly with the blow molder. Downstream, the **Contiroll** labeler and Gebo Cermex shrink wrapper and case packer provide tight integration for secondary packaging. Standard interface signals and recipe handling allow quick format changeovers between 0.35 L and 0.50 L.

The modular layout supports further integration with conveyors, accumulation, printers/encoders, and palletizing cells where required.

Machine Condition & Maintenance History

The line is currently in production and demonstrates stable performance at its specified speed range. Wear parts and format sets for the listed formats are included as per current operation. Manuals support preventive maintenance and troubleshooting, contributing to reliable uptime and predictable operating costs typical of second hand Krones/Gebo Cermex equipment.

Operational Performance & Versatility

Optimized for **still water** in PET with 29/25 neck handling, the ErgoBloc L provides hygienic blow-to-fill transfer, precise filling, and consistent capping torque control. The **Contiroll** roll-fed labeler delivers high-accuracy wrap-around labels at full line speed, while the end-of-line section ensures stable bundles and secure case packing for logistics.

While this used bottling line is purpose-built for PET water, experienced integrators can evaluate adaptations for other non-carbonated beverages such as juice drinks, teas, or flavored waters (without pulp). Glass or aluminum applications (e.g., beer or wine cans/bottles) are not included in the current scope and would require different modules, but are mentioned here to highlight the broader landscape of beverage production and industrial packaging solutions.

Installation Requirements & Site Preparation

- **Footprint:** Linear integrated layout; allocate straight runs for preform feeding, blow–fill–cap monoblock, labeling, and end-of-line. Provide service clearances around each module.
- **Power:** Electrical supply per OEM specifications (available in manuals); dedicated panels and earthing required.
- **Compressed air:** High-pressure air for stretch blow molding plus plant air for pneumatics; quality per blow molder requirements.

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- **Cooling:** Chilled water/glycol for mold and process cooling with adequate flow and heat rejection capacity.
- **Process utilities:** Product water treatment supply to the filler, CIP connections as per site standards, drains and hygienic floor slopes.
- **Environment:** Controlled, clean production area with suitable HVAC and lighting for food-grade operations.
- **Networking:** Provision for line data interfaces and coding/inspection systems.

Safety Standards & Compliance Certification

Built by Krones and Gebo Cermex, the line features interlocked guarding, lockout points, emergency stops, and integrated safety logic across blow molding, filling, capping, labeling, shrink wrapping, and case packing. Hygienic design of the blow-to-fill transfer reduces open-container exposure, supporting high standards for drinking water bottling.

Safety features are included, and manuals provide guidance on risk assessment, operating procedures, and maintenance. Final compliance with local regulations and certification (e.g., CE or equivalent) should be verified during installation and commissioning based on the destination country’s requirements.