

Used KRONES filling line for beer - glass - 24000 BPH

Machine type:	Complete Bottling Line
Ref:	LC652
Year:	1999
Speed:	24000 Bottles/hour
Condition:	Ready For Operation
Formats:	330 ml, 500 ml
Containers:	Glass
Products:	Beer

Technical details

Fill type:	Isobaric	Isobaric:	Yes
Safety features:	Yes	Manuals:	No
Voltage:	400 V	Frequency:	50 Hz

Description

Used KRONES filling line for beer - glass - 24000 BPH

Technical Specifications & Performance Data

This used bottling line is a second hand complete glass beer bottling line engineered for industrial packaging and beverage production. It is configured around a Krones Mecafill VK2V filling monoblock and complemented by bottle washing, pasteurization, labeling, and crate handling equipment. The line is optimized for glass beer bottles and delivers reliable output with precise control of product quality parameters.

- **Rated capacity:** 24,000 bottles/hour at 0.5L
- **Compatible formats:** 0.33L and 0.5L beer bottles
- **Containers:** Glass
- **Filling monoblock:** Krones Mecafill VK2V 066-103/KK (1999), 66 filling valves, double air evacuation, integrated rinser with 60 heads (pressurized water) and 11 capping heads
- **Labeling:** Krones Prontomatic 720-18-86-130 (1999), cold glue, front/back/neck application
- **Bottle washers:** Krones KES-1-1-190/19-80 (1998, retrofitted in 2013) and Robak PBSz-01-60 (2014)

- **Pasteurizer:** Fischer (1999) HTST module; nominal 130 hl/h, 5°C inlet, 72°C for 30 s (30 PU), 11°C outlet; buffer tank 6,000 L
- **Electrical & utilities (pasteurization system):** 3x400V, 50Hz; compressed air 6 bar (dry, oil-free)
- **Additional Fischer heat-exchanger modules:** EUROPA 40PI and DUBACAL 400P plate pack references (PS 16 bar; plate pack Cmax 780 mm, Cmin 770 mm)

Advanced Automation & Control Systems

The line integrates robust automation for consistent, repeatable performance in beverage production. The pasteurization system is automatically controlled with supervisory monitoring of all key process variables, enabling precise quality assurance at high throughput.

- Monitored parameters: pasteurization temperature, holding temperature, inlet/outlet temperature, temperature and pressure during pasteurization, flow volume, pasteurizing units (PU), buffer tank level, and filling pressure after buffer tank
- Operating modes: manual operation with automatic control for stability and safety
- Electrical specifications: 3x400V, 50Hz (pasteurization system)
- Quick changeover between 0.33L and 0.5L formats

Production Line Integration Capabilities

This complete bottling line is engineered for inline operation and smooth integration between washers, filling, pasteurization, labeling, and crate handling. It suits breweries seeking an industrial packaging solution for glass beer bottles with stable, high-speed performance.

- Integrated bottle washers upstream for returnable glass handling
- HTST pasteurization between filling and labeling for microbiological stability
- Cold-glue labeling with multiple label positions (front, back, neck)
- Crate washer and crate load/unload equipment for returnable logistics

Machine Type	Manufacturer / Model	Year
Decrater	Krones / Bottle Unloader	1999
Bottle Washer	Krones / KES-1-1-190/19-80	1998
Bottle Washer	Robak / PBSz-01-60	2014
Various Equipment	Krones / Crate Washer	1998
Filling Monoblock	Krones / Mecafill VK2V 066-103/KK	1999
Pasteurizer	Fischer / 10PI	1999
Labeling Machine	Krones / Prontomatic 720-18-86-130	1999

Crater

Krones / Bottle Loader

1999

Machine Condition & Maintenance History

This second hand used bottling line includes several components retrofitted in 2013, supporting reliable operation and extended service life. The Krones crate washer, Krones bottle loader, Krones bottle unloader, and Krones bottle washing machine underwent retrofits in 2013. The Robak bottle washer is a 2014 unit. Overall, the line presents as a complete, ready-for-operation industrial packaging solution with proven brands and models.

Operational Performance & Versatility

The Krones Mecafill VK2V filling block with double air evacuation ensures low oxygen pick-up and stable carbonation for beer. The HTST pasteurization system (approx. 130 hl/h) provides 30 PU at 72°C for 30 seconds, delivering microbiological stability. The Krones Prontomatic cold-glue labeler applies front, back, and neck labels with high precision at line speed.

- Ideal for beer production in glass bottles
- High-quality cold-glue labeling on multiple stations
- Returnable glass capability with upstream washing and crate handling

Installation Requirements & Site Preparation

The line requires provisions typical for a high-speed glass bottling operation. Utilities should include electrical power at 3x400V, 50Hz for the process modules, compressed air at 6 bar for actuators and valves, process water for rinsing and pasteurization circuits, and appropriate drainage. Allocate linear space for washers, monoblock, pasteurizer, labeler, and crate handling with safe access for operation and maintenance.

Safety Standards & Compliance Certification

Safety notices and multilingual operation instructions are affixed on process equipment. The line features guarded rotating machinery and interlocked access on core units in line with modern beverage machinery practices. Pasteurization and filling parameters are continuously monitored to maintain process integrity and product safety. Stainless steel construction on process equipment supports hygienic design for beverage production.