

Used COMAC can line for beer 6000 CPH

Machine type:	Complete Bottling Line
Ref:	LC655
Year:	2018
Speed:	6000 Cans/hour
Condition:	In Production
Containers:	Can
Products:	Beer

Technical details

Safety features:	Yes	Manuals:	No
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Description

Used COMAC can line for beer 6000 CPH

Technical Specifications & Performance Data

This complete can bottling line engineered around a Co.Mac filling and seaming monoblock is designed for efficient beverage production in industrial packaging environments. Optimized for carbonated beer, it provides reliable performance for standard can formats with precise isobaric filling and robust quality control. As a used bottling line, it offers second hand value with professional features suitable for modern beverage production.

- **Product:** Carbonated beer
- **Filling temperature:** 2–4 °C
- **CO₂ quantity:** up to 5.5 g/L
- **Production speed (reference):** 6,000 cph on 0.33L; 5,500 cph on 0.44L
- **Container types:** Two-piece aluminum cans with SOT
- **Can formats:** Compatible with 0.33L and 0.44L
- **Diameter:** 66 mm
- **Closure:** 202 can end
- **Required product pressure:** 3–4 bar
- **Required water pressure:** 3–4 bar
- **Required air pressure:** 6 bar

- **Required CO₂ pressure:** 6–8 bar
- **Filling monoblock:** Co.Mac ISO 14-2 (14 isobaric valves, 2 seaming chucks)
- **Depalletizer pallet sizes:** 1,120 × 1,300 mm (standard), 1,120 × 1,420 mm (optional)
- **Depalletizer discharge height:** 3,370 mm; max pallet height 2,813 mm
- **Rinser tunnel length:** 2,380 mm; ionized air with HEPA filtration (99.97% at 0.3 µm)
- **Automation:** Siemens PLCs and HMI across key stations

Advanced Automation & Control Systems

The line integrates modern automation with operator-friendly HMIs for streamlined control and repeatable changeovers. Electrical and pneumatic systems are built for beverage production reliability, enabling precise handling of carbonated products.

- **Control architecture:** Siemens PLC Logo 7/2 on depalletizer; Siemens S7-1200 PLC with Weintek 7" touch screen on the labeling machine; Siemens touch screen and PLC on the monoblock
- **Drive technology:** SEW 4 kW motor for seaming rotation; frequency converters on key drives
- **Automated height adjustment:** Brushless motorized recipe-based can size changes via HMI
- **Sensors & inspection:** Photoelectric/inductive lid presence, X-ray fill level (min/max), transparent label photocell
- **Safety:** Stainless steel guards with interlocks, wire-mesh fencing, emergency protections, IP55 stainless enclosure on the inkjet coder
- **Clean operation:** Ionized air cleaning with HEPA filter; undercover CO₂ injection and bubble breaker; dummy cans for CIP (up to 80 °C)

Production Line Integration Capabilities

Designed as a coherent packaging machinery set, this used bottling line supports inline operation from depalletizing through filling, inspection, coding, labeling, and discharge. Format changes between 0.33L and 0.44L are rapid thanks to automated adjustments and dedicated change parts.

- **Inline handling:** Screw and starwheel transfers, gravity twisters, and guided conveyors
- **Format flexibility:** Dedicated parts for 0.33L and 0.44L; HMI recipe management
- **Containers:** Aluminum cans, 66 mm diameter, 202 end
- **Applications:** Ideal for Beer production; suitable for industrial packaging workflows

Machine type	Manufacturer / Model	Year
Depalletizer	Co.Mac /	
Various Equipment Co.Mac / Can Twist Conveyor (180°)		
Rinsing Machine	Co.Mac / Dual Channel Can Ionized Air Rinser	
Filling Monoblock	Co.Mac / ISO 14-2	

Inspector Co.Mac / X-Ray Fill Level & Lid Presence

Various Equipment Co.Mac / External Can Washer (Double Shower)

Printer Co.Mac / Ink Jet Coder

Various Equipment Co.Mac / Can Twist Conveyor (to upright)

Labeling Machine Co.Mac / Self-Adhesive Labeller

Various Equipment Co.Mac / Conveyors & Automation

Various Equipment Co.Mac / Change Parts (33 cl set)

Various Equipment Co.Mac / Beer Pump (Centrifugal with VFD)

Machine Condition & Maintenance History

The line is presented as a complete second hand canning solution in working condition, suitable for immediate integration into beverage production after standard commissioning. Stainless steel AISI 304 construction on critical frames and guards supports hygienic operation and long-term durability. Components such as ionized-air cleaning with HEPA filtration, isobaric valves, and coded inspections indicate careful engineering for consistent uptime.

Operational Performance & Versatility

This packaging machinery set is optimized for carbonated beer with isobaric filling, CO₂ pre-flush, undercover CO₂ injection, and bubble breaking to minimize oxygen pickup and foaming. The X-ray system ensures accurate fill levels while lid presence sensors protect final quality. Wrap-around self-adhesive labeling provides a clean commercial finish across standard can sizes. The system's changeover parts and HMI-driven adjustments enable quick transitions between 0.33L and 0.44L, making it an efficient used bottling line for flexible beverage production.

- **Isobaric filling:** 14 electro-pneumatic valves with individual control
- **Seaming:** 2 chucks with can-rotation drive
- **External wash:** Double shower to remove beer traces after level control
- **Coding:** Inkjet printing 1–3 lines, up to 162.5 m/min; integrated can twisters for bottom coding
- **Labeling:** Wrap-around self-adhesive station; 210 mm max length; 80/160 mm max height

Installation Requirements & Site Preparation

The line is designed for industrial environments with utilities and handling compatible with modern breweries.

- **Utilities:** Product 3–4 bar; Water 3–4 bar; Air 6 bar; CO₂ 6–8 bar
- **Electrical:** Configured to brewery specifications; integrated Siemens PLCs and HMIs
- **Space references:** Depalletizer discharge height 3,370 mm; rinser tunnel length 2,380 mm

- **Materials:** AISI 304 stainless steel frames, guards, and conveyor channels; high-density polyethylene guide/twist components
- **Change parts:** Dedicated set for 33 cl format included

Safety Standards & Compliance Certification

Operator safety and product hygiene are central to this system's design. Mechanical guards with safety interlocks, fenced depalletizer zones, and IP-rated enclosures contribute to a safe working environment. Hygienic construction materials and ionized-air cleaning with HEPA filtration support beverage-grade standards.

- **Guards and fences:** Stainless steel protective guards with safety devices; wire-mesh fencing on depalletizer
- **Emergency protections:** Integrated interlocks and safety circuits on critical stations
- **Hygiene:** AISI 304 contact structures; ionized air cleaning; external can washing; dummy cans for CIP
- **Inspection:** X-ray fill-level control and lid presence detection for consistent quality