

Used AMER filling line for still water PET, 5000 BPH, 2 blowers

Machine type:	Complete Bottling Line
Ref:	LC690
Year:	2008
Speed:	5000 Bottles/hour
Condition:	Ready for Operation
Formats:	1.5 L, 2 L, 2.5 L, 5 L, 1 L
Containers:	PET
Products:	Water (Still)

Technical details

Fill type:	Gravity/light depression	Neck type:	30 mm and 48 mm
Safety features:	Yes	Manuals:	Yes
Length:	6000 mm	Weight:	7100 kg
Power:	120 kW	Voltage:	400 V
Frequency:	50 Hz	Ampere:	47 A

Description

Used AMER filling line for still water PET, 5000 BPH, 2 blowers

Technical Specifications & Performance Data

This used bottling line is configured for still water in PET bottles and combines bottle production, conveying, rinsing, filling, capping, labeling and secondary packaging. The line includes two SMF COMBI 400 automatic PET bottle blow molding machines, an AMER rinsing-filling-capping monoblock, a SACMI LABELLING OPERA 200 RF labeling machine and an AMER shrink wrapper.

- **Filling capacity:** 4,000–5,000 bph for bottles with 30/25 mm necks.
- **Blowing capacity:** up to 4,000 bph on 1.5L bottles through two SMF COMBI 400 blowers.
- **Labeling capacity:** 12,000 bph.
- **Shrink-wrapping capacity:** 300 packs/h.
- **Bottle range:** 0.25L to 2.5L for the blow molding section.

- **Available mold formats:** 0.33L, 0.6L, 1.5L and 5.0L, depending on the machine section.
- **Filling monoblock configuration:** 16/18/6.
- **Required installed power:** 120 kW.
- **Required hall surface:** approximately 500 m².

Advanced Automation & Control Systems

The PET bottle blow molding section uses infrared preform heating with 8 segments, 14 lamps and 550 mm heating elements. The SMF COMBI 400 machines operate with a 400 V, 3-phase, 50 Hz supply and have an installed power of 56 kW per machine. The labeling machine operates at 400 V, 50 Hz and is rated at 28 kW and 47 A.

The AMER filling monoblock integrates rinsing, filling and capping in a compact process block. It is equipped with a HEPA filter and an integrated CIP aggregate with disinfection, supporting hygienic beverage production and efficient internal cleaning procedures.

Production Line Integration Capabilities

This complete bottling line is designed as an integrated PET packaging solution for still water production. Preforms are handled by the SMF hopper and supplied to the blow molding machines, while air conveying transfers formed PET bottles toward the filling section. After rinsing, filling and capping, bottles are labeled with OPP foil and transferred to the shrink wrapper for pack formation.

Machine type	Manufacturer / model	Year
Blow Molding Machine	SMF Maschinenfabrik GmbH / COMBI 400	2009
Chiller	SMF Maschinenfabrik GmbH / HT-6A	2008
Filling Monoblock	AMER / BLOCK	2008
Labeling Machine	SACMI LABELLING / OPERA 200 RF	2008
Shrink Wrapper	AMER	2008
Various Equipment	SMF Maschinenfabrik GmbH / 6 m ³ hopper	2009
Various Equipment	SMF Maschinenfabrik GmbH / SR 10000	2008
Various Equipment	Air transport	

The line supports PET bottle formats used in still water beverage production, including 0.33L, 0.5L, 0.6L, 1.0L, 1.5L, 2.0L and 5.0L formats across its different sections. Filling neck compatibility includes 30 mm and 48 mm necks.

Machine Condition & Maintenance History

The line is well preserved and has been regularly serviced. The SACMI LABELLING OPERA 200 RF recorded 8,902 switch-on hours and 2,467 running hours as of 28 October 2022, with 2,872,896 bottles processed. This second hand

bottling equipment is suitable for buyers seeking an integrated PET still water production line with documented operating data from the labeling section.

Operational Performance & Versatility

The line is dedicated to still water beverage production in PET containers. The two SMF blow molding machines provide on-site PET bottle production from preforms, while the filling monoblock manages the core rinsing, filling and capping stages. The SACMI LABELLING machine applies OPP foil labels, providing a suitable labeling solution for high-volume industrial packaging applications.

The shrink wrapper is configured for 2×3 and 3×4 pack formats and features stainless steel construction. The SMF SR 10000 sorter and bottle lifter is rated up to 12,000 bph on 0.5L bottles, with capacities adapted to larger bottle sizes.

Installation Requirements & Site Preparation

Installation requires approximately 500 m² of hall surface and a total installed power provision of 120 kW. The line uses three-phase electrical supplies, principally 380 V or 400 V at 50 Hz. The blow molding section requires compressed blowing air, cooling water at 3 bar and 7–10 °C, and cooling capacity of 6,000 kcal/h.

Air transport is included with an approximate length of 6 m. A compressor is not included, so suitable compressed-air infrastructure is required for operation of the blow molding and pneumatic systems. The chiller uses R-407C refrigerant for process cooling.

Safety Standards & Compliance Certification

The filling monoblock incorporates a HEPA filter, integrated CIP aggregate and disinfection system to support hygienic filling operations for still water. The shrink wrapper has stainless steel construction, supporting durability in industrial packaging environments. Electrical installation, compressed-air connections, cooling-water systems and machine guarding should be assessed during commissioning to ensure safe integration into the production facility.