

## Used AVE 16-16-4 filling line, still & sparkling water - 2 PET blower

|               |                                  |
|---------------|----------------------------------|
| Machine type: | Complete Bottling Line           |
| Ref:          | LC682                            |
| Speed:        | 6000 Bottles/hour                |
| Condition:    | Ready for Operation              |
| Formats:      | 1.5 L, 500 ml                    |
| Containers:   | Glass, PET                       |
| Products:     | Water (Sparkling), Water (Still) |

### Technical details

|            |          |                  |        |
|------------|----------|------------------|--------|
| Neck type: | PCO 1881 | Safety features: | Yes    |
| Manuals:   | No       | Weight:          | 700 kg |
| Power:     | 28 kW    | Voltage:         | 380 V  |
| Frequency: | 50 Hz    |                  |        |

### Description

#### Used AVE 16-16-4 filling line, still & sparkling water - 2 PET blower

#### Technical Specifications & Performance Data

This used bottling line is configured for beverage production in 0.33L, 0.5L and 1.5L bottle formats. The AVE filling line, manufactured in 2008, is designed for spring water and flavored water. Its stated capacity reaches **6,000 bph for 0.5L bottles** and **2,500 bph for 1.5L bottles**.

- Production capacity: 6,000 bph for 0.5L bottles
- Production capacity: 2,500 bph for 1.5L bottles
- Compatible formats: 0.33L, 0.5L and 1.5L
- Filling monoblock configuration: 16/16/4 rinser, filler and capper
- Cap specification: 28mm plastic screw cap, PCO 1881 neck finish
- SMF Combi 200 blow molding machine: 2003, 700 kg, 3 x 380 V, 28 kW, 50 Hz
- SMF Combi 400 blow molding machine: 2016

## Advanced Automation & Control Systems

The line combines bottle forming, conveying, filling, capping, labeling and shrink wrapping equipment for coordinated industrial packaging operations. The SMF Combi 200 blow molding machine operates on 3 x 380 V electrical supply at 50 Hz and has an installed power of 28 kW. Bottle lifters on the filler support stable container handling through the filling process.

The included POSIMAT bottle handling system, manufactured in 1992, places 0.5L bottles onto the conveyor belt. Conveyor belts are included to provide material flow between the available equipment.

## Production Line Integration Capabilities

This second hand used bottling line supports PET bottle blowing and beverage bottling, while the AVE filler is also able to fill glass bottles. The process layout includes blow molding equipment, bottle orientation and conveying, a rinser-filler-capper triblock, labeling and shrink-film secondary packaging.

| Machine type                       | Manufacturer / model                 | Year |
|------------------------------------|--------------------------------------|------|
| Blow Molding Machine SMF Combi 200 |                                      | 2003 |
| Blow Molding Machine SMF Combi 400 |                                      | 2016 |
| Various Equipment                  | POSIMAT bottle placement system 1992 |      |
| Filling Monoblock                  | AVE 16/16/4                          | 2008 |
| Labeling Machine                   | AVE                                  | 2008 |
| Shrink Wrapper                     | AVE                                  | 2008 |
| Various Equipment                  | Conveyor belts                       |      |

The AVE labeling machine handles paper, hot-applied and cut labels. The AVE shrink wrapper is configured for 3 x 2 packs of 1.5L bottles and 3 x 4 packs of 0.5L bottles, corresponding to 6-bottle and 12-bottle pack arrangements.

## Machine Condition & Maintenance History

The available documentation identifies the equipment as a used bottling line with machines manufactured between 1992 and 2016. The AVE filling, labeling and shrink wrapping equipment dates from 2008. The line was previously used for spring water and flavored water production.

Prospective installation planning should account for commissioning, mechanical inspection, electrical verification and functional testing of each individual machine before production startup.

## Operational Performance & Versatility

The line is suited to water beverage production, including spring water and flavored water. It can process 0.5L and 1.5L production formats, with additional 0.33L mold tooling available for bottle manufacturing. The filler is equipped with bottle lifters and is capable of filling glass bottles, providing flexibility for PET and glass bottle handling.

Included mold tooling comprises three sets of 0.5L molds totaling 12 pieces, two 0.33L molds and four 1.5L molds. The 16/16/4 triblock integrates rinsing, filling and capping in a compact section of the beverage production line.

## **Installation Requirements & Site Preparation**

Installation requires suitable space for the blow molding machines, conveyors, bottle placement system, filling monoblock, labeling station and shrink wrapper. The SMF Combi 200 requires a 3 x 380 V, 50 Hz electrical supply and has a rated power of 28 kW.

A compressor station and water cooler are not included in the offer. Site preparation should therefore provide the compressed-air and process-cooling infrastructure required for the selected production configuration, together with electrical connections and conveyor integration.

## **Safety Standards & Compliance Certification**

The POSIMAT equipment nameplate states conformity with Ministry of Labour regulations dated 9 December 1992. Safe operation of this industrial packaging line requires appropriate guarding, emergency-stop functionality, electrical protection and validation of machine interlocks during installation and commissioning.

For beverage production, cleaning, inspection and maintenance procedures should be established for the rinser, filler, capper, conveyors, labeling equipment and shrink wrapper before the line is placed into operation.