

Used filling monoblock Bertolaso Synchronia 16-16/1-840

Machine type:	Filling Monoblock
Ref:	M309
Model:	Synchronia 16-16-1-840
Year:	2000
Speed:	2800 Bottles/hour
Condition:	Ready for Operation
Price:	€ 74,000
Formats:	375 ml, 750 ml
Containers:	Glass
Products:	Wine (Still)

Technical details

Rotation:	Clockwise	Has rinser:	Yes
Has capper:	Yes	Filler - No. of valves:	16
Filler - Type of nozzle:	Fixed	Filler - Fill type:	Gravity/light depression
Safety features:	Yes	Manuals:	Yes
Voltage:	400 V	Frequency:	50 Hz

Description

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Technical Specifications & Performance Data

The Bertolaso Filling Monoblock Synchronia 16-16-1-840 is a second hand bottling monoblock designed for high-quality beverage production on glass bottles. This used bottling line component integrates rinsing, filling, and corking in a compact rotary platform engineered for reliable industrial packaging performance. Manufactured by Bertolaso, the machine features an inert gas management concept for both bottle conditioning and closure, making it an excellent choice for premium products requiring oxygen reduction.

- **Manufacturer:** Bertolaso
- **Model:** Synchronia 16-16-1-840
- **Year:** 2000

- **Container type:** Glass bottles
- **Rinser:** 16 grippers with penetrating nozzle and double inert gas treatment
- **Filler type:** Gravity/light depression with nitrogen support
- **Corker:** Single-head straight corking with inert gas and vacuum corking
- **Formats:** Compatible with 0.375L and 0.75L bottle formats
- **Electrical:** 400 V, 50 Hz
- **CIP readiness:** Integrated CIP with stainless steel dummy bottles
- **Model code & configuration:** Synchronia 16-16-1-840

Advanced Automation & Control Systems

The monoblock includes process features aimed at consistent quality and reduced oxygen pickup. The rinser employs double inert gas treatment to pre-condition the bottles. The filler operates in light vacuum/gravity mode with nitrogen, complemented by level control at the valve. A sensor detects hanging bottles at the outfeed to protect product flow and minimize stoppages. Integrated CIP and stainless steel dummy bottles enable efficient cleaning-in-place procedures across rinsing and filling turrets, supporting hygienic operation in beverage production.

Production Line Integration Capabilities

Designed for industrial packaging environments, this monoblock can operate as a standalone unit or be integrated into a complete used bottling line. It is optimized for glass bottle handling and can interface with upstream conveyors and downstream inspection or labeling systems. Format flexibility includes 0.375L and 0.75L sizes, and quick changeover is supported by the turret design and format parts.

Machine Condition & Maintenance History

The machine is in excellent overall condition and has processed approximately 1,000,000 bottles over its lifetime. Its condition and integrated CIP system suggest careful operation and maintenance, making it suitable for facilities seeking ready-for-operation bottling equipment with proven reliability.

Operational Performance & Versatility

This monoblock is particularly suited to oxygen-sensitive products handled in glass bottles. The double inert gas rinsing, nitrogen-assisted filling under light depression, and vacuum corking with inert gas injection collectively provide robust oxygen management. The machine's engineering by Bertolaso is recognized for precision filling, gentle handling, and closure integrity with straight corks. Additional safeguards include outfeed sensors for bottle position control and level regulation at the filling valve for consistent fill heights.

Installation Requirements & Site Preparation

Electrical power requirements are 400 V and 50 Hz. The process requires a nitrogen supply for inerting and vacuum corking operations, as well as utilities for CIP. The rotary monoblock design provides a compact footprint for integration into existing beverage production halls, with standard anchoring to a level industrial floor, and connections for conveyors and utilities.

Safety Standards & Compliance Certification

The machine includes guarding and sensor-based controls such as outfeed bottle detection to protect operators and ensure correct container handling. Hygienic design is supported by CIP capability and stainless steel dummy bottles to maintain sanitation standards typical of beverage and wine bottling environments. As a premium manufacturer, Bertolaso engineering emphasizes operator safety and product quality within established industrial packaging practices.