

Used MBF Synchrofil LV filling machine 7000 BPH

Machine type:	Filling Monoblock
Ref:	M346
Model:	LV 1200-35 / 240-4V
Year:	2001
Speed:	7000 Bottles/hour
Condition:	In Production
Formats:	1 L

Technical details

Rotation:	Clockwise	Has rinser:	Yes
Has capper:	Yes	Filler - No. of valves:	35
Filler - Fill type:	Gravity/light depression	Safety features:	Yes
Manuals:	Yes	Width:	3400 mm
Length:	2300 mm	Height:	2600 mm
Weight:	4000 kg	Voltage:	380 V
Frequency:	50 Hz		

Description

Used MBF Synchrofil LV filling machine 7000 BPH

Technical Specifications & Performance Data

This MBF filling monoblock delivers reliable performance for beverage production within a used bottling line or as a standalone station in industrial packaging environments. Built for hot and cold filling processes, it provides steady output and quality control for second hand bottling operations seeking dependable equipment.

- **Manufacturer:** MBF
- **Model code:** LV 1200-35 / 240-4V
- **Year of manufacture:** 2001
- **Production speed:** 7000 bph
- **Filler configuration:** 35 valves
- **Filling technology:** Gravity with light vacuum (low vacuum)

- **Capping:** alluminio MCA 28x15 mm
- **Rotation direction:** Clockwise
- **Worked formats:** Compatible with 0.5L and 1.0L bottle formats
- **Designed for bottle handling:** Cylindrical containers
- **Electrical supply:** 380 V, 50 Hz
- **Compressed air consumption:** 200 NI/min at 0.6 MPa
- **Machine weight:** 4000 kg
- **Safety features:** Integrated protections and guards
- **Documentation:** Manuals and maintenance documentation available
- **Dimension:** Width x Height x Depth: 3.40 m x 2.60 m x 2.30 m

Advanced Automation & Control Systems

The monoblock is engineered for consistent operation and straightforward control within beverage production. Safety circuits, interlocked guards, and emergency stops support safe operation. Format changeovers between 0.5L and 1.0L are supported with dedicated change parts and adjustments suited to gravity/light vacuum filling. The electrical configuration at 380 V and 50 Hz aligns with common industrial standards for packaging machinery, facilitating integration into existing control architectures and line PLC/HMI systems.

Production Line Integration Capabilities

This filling monoblock integrates seamlessly into a complete used bottling line, upstream of capping and downstream of rinsing or bottle preparation equipment. It can operate as part of a larger bottling equipment layout with conveyors, labelers, and secondary packaging machines, supporting industrial packaging requirements for a wide range of beverage production scenarios.

- Inline or standalone operation
- Compatible with standard conveyor systems
- Format flexibility for 0.5L and 1.0L bottles
- Suitable for hot and cold filling applications

Machine Condition & Maintenance History

The machine is currently in production, indicating proven operational status. Manuals and maintenance documentation are available to support installation, operation, and service. Spare parts availability is confirmed, supporting uptime and long-term reliability in second hand bottling operations.

Operational Performance & Versatility

The gravity with light vacuum system provides gentle product handling and stable fill levels, ideal for still beverages and applications benefiting from low vacuum assistance. Clockwise rotation aligns with common line layouts, and the 35-valve configuration balances speed and precision at 7000 bottles per hour. Its hot and cold filling capability extends operational versatility across seasonal or multi-recipe beverage processing.

Installation Requirements & Site Preparation

The monoblock requires a 380 V, 50 Hz electrical supply and a stable compressed air service at approximately 0.6 MPa with a nominal consumption of 200 NI/min. The 4000 kg construction provides robust stability; appropriate floor loading and anchoring are recommended. Plan line flow to match the clockwise rotation, with adequate clearance for format change parts and routine maintenance.

Safety Standards & Compliance Certification

Built with operator protections, interlocked guards, and emergency stop systems, this filling monoblock supports safe operation in industrial environments. The equipment bears CE marking, aligning with European safety and hygiene expectations common to food and beverage packaging machinery.