

Used Acma rotary filler capper monoblock for liquid soap - year 2003

Machine type:	Filling Monoblock
Ref:	M317
Model:	RCCA-1562
Year:	2003
Speed:	6300 Bottles/hour
Condition:	Ready For Operation
Formats:	450 ml, 500 ml
Containers:	Glass, PET
Products:	Liquid soap

Technical details

Rotation:	Clockwise	Has capper:	Yes
Filler - No. of valves:	15	Filler - Type of nozzle:	Mobile
Filler - Fill type:	Gravity/light depression	Safety features:	Yes
Manuals:	No	Power:	10 kW
Voltage:	380 V	Frequency:	50 Hz

Description

Technical Specifications & Performance Data

This ACMA rotary filling monoblock integrates a precision filler and capping unit with an automatic cap sorter, delivering reliable throughput for liquid detergent production and industrial packaging applications. As a second hand solution ideal for a used bottling line, it combines compact footprint with robust engineering.

Manufacturer: ACMA (Corniani division) Model: RCCA-1562 Manufacturing year: 2003 Production speed: up to 105 bpm depending on format Format performance: 0.45L: 95–100 bpm; 0.5L: 100–105 bpm Compatible formats: 0.45L, 0.5L Container handling: Designed for PET and Glass bottle handling (with appropriate change parts) Electrical supply: 380 V, 50 Hz, 10 kW Auxiliary circuits: 24 V Pneumatic pressure: 6 bar

Advanced Automation & Control Systems

The monoblock features rotary motion for steady, synchronized bottle transfer between filling and capping stations. The integrated cap sorter ensures consistent cap orientation and feeding to the capping heads, supporting sustained high-speed operation. Standard industrial control architecture enables precise timing, smooth acceleration curves, and consistent torque application during capping.

- Automatic cap sorting and feeding to the capper
- Coordinated filler-capper synchronization for stable continuous flow
- Industrial control logic for accurate cycle timing
- Operator-friendly interface and routine changeover adjustments
- Electrical protection and auxiliaries matched to 24 V control circuits

Production Line Integration Capabilities

This filling monoblock integrates seamlessly within a complete used bottling line. It can operate inline with upstream bottle preparation equipment and downstream inspection, labeling, and packaging machinery. Format changes between 0.45L and 0.5L are supported with the correct set of format parts.

- Standalone or inline operation with conveyors
- Interfaces readily with labeling, inspection, and end-of-line packaging systems
- Suitable for liquid detergents, household cleaners, and similar chemical products when configured accordingly
- Flexible container materials subject to starwheel and guide change parts

Machine Condition & Maintenance History

Offered as a second hand rotary filling monoblock, the unit presents defined performance data for 0.45L and 0.5L formats. It is positioned for quick recommissioning in an industrial packaging environment, with capacities appropriate for medium-speed production. Availability and readiness support rapid deployment in existing lines.

Operational Performance & Versatility

With speeds up to 105 bottles per minute, this ACMA monoblock is engineered for consistent fill accuracy and secure closure application. The integrated sorter enhances capping efficiency and minimizes misfeed-related downtime. The rotary platform supports smooth bottle handling, reducing scuffing and maintaining presentation quality across PET or glass bottles when equipped with the correct handling parts.

- Stable rotary handling for reduced container stress
- High capping reliability supported by integrated sorting
- Adaptable to multiple home care and chemical categories with appropriate components
- Balanced performance for medium-speed lines seeking dependable uptime

Installation Requirements & Site Preparation

Commissioning requires an electrical supply of 380 V at 50 Hz with available power of 10 kW, plus a 24 V auxiliary circuit for control systems. Compressed air at 6 bar is needed for pneumatic actuations, including the cap sorting and

feeding systems. A compact rotary footprint eases floorplan integration; final layout depends on conveyor routing and upstream/downstream equipment.

- Power: 380 V, 50 Hz, 10 kW
- Control: 24 V auxiliary circuit
- Air: 6 bar clean, dry compressed air
- Space: compact rotary monoblock footprint (final layout per line design)

Safety Standards & Compliance Certification

Engineered by ACMA with robust industrial safeguards typical of high-quality bottling equipment, the monoblock includes protective guarding and emergency-stop functionality consistent with standard packaging machinery practices. The integrated control voltages and pneumatic circuits follow industry norms to support safe operation and maintenance procedures within industrial production environments.

- Full perimeter guarding around moving rotary turrets
- Emergency stop circuits and interlocked access points
- 24 V control architecture for operator safety
- Design features appropriate for chemical and detergent industry applications