



Used Filler and Capping Monoblock 24/8 for PET and HDPE Bottles - 6000bph



Machine type:	Filling Monoblock
Ref:	M305
Model:	24.8 volumetric
Year:	2020
Speed:	6000BPH
Condition:	Under maintenance
Formats:	1.0 L
Containers:	PET
Products:	Detergents, Liquid soap, Oil, Spreads and Sauces, Water (Still)

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Technical details

Rotation:	Clockwise	Has capper:	Yes
Filler			
No. of valves:	24	Fill type:	Volumetric
Type of nozzle:	Fixed		
Neck type:	28	Safety features:	Yes
Manuals:	Yes		
Capper			
Cap type:	Plastic press-on cap	No. of heads:	1

Description

Used Rotary Filler-Capper Monoblock 24/8 for PET and HDPE Bottles - Overview

This second-hand rotary monoblock combines a 24-head volumetric piston filler with an 8-head pick-and-place spindle capper, engineered for PET and HDPE bottles up to 1 L. Designed for industrial packaging environments, it is a robust component for a used bottling line handling non-pressurized products such as detergents and liquid soap. The machine features a painted iron frame, stainless steel panels, and a fully enclosed protective hood with safety devices, offering reliable performance in high-throughput operations. CE marking and complete documentation support integration within beverage production and home & personal care lines where non-isobaric, non-aseptic filling is required.



Technical Specifications & Performance Data

- Configuration: Rotary filler-capper monoblock (24/8)
- Container materials: PET, HDPE
- Product types: Liquid detergents, liquid soap (suitable for non-carbonated, non-aseptic applications)
- Filling technology: Volumetric piston filling
- No. of filling valves: 24
- Nozzle type: Mobile nozzles
- Max fill volume: up to 1 L
- Capper: 8-head pick-and-place pneumatic spindle capper
- Cap type: Plastic screw caps (one cap size currently tooled)
- Machine rotation: Clockwise
- Nominal speed: up to 5,000 bottles/hour (depending on product, bottle, and closure)
- Isobaric: No (non-pressurized filling)
- Aseptic: No
- Integrated rinser: Not included

Filling Section

- Bottle infeed screw
- Central product tank with magnetic float switches
- 24 pneumatic cylinders, upper plates, lower plates
- Internal plates with stainless-steel/Viton sealing
- Opening/closing valves per station

Capping Section

- 8 pneumatic capping heads with spindle screwing system
- Pick-and-place cap transfer
- Vibratory cap bowl (one cap size)
- Cap cup and cap chute (one cap size)
- Automatic cap elevator

Mechanical & Structural

- Frame: Painted iron
- External panels: Stainless steel
- Protective hood: Enclosed with doors and safety devices

Advanced Automation & Control Systems

- Pneumatic control panel for filler and capper actuation
- Electrical panel with CE-compliant components
- Wiring diagram included for streamlined commissioning
- Magnetic level control in product tank for stable filling



Production Line Integration Capabilities

This monoblock integrates seamlessly into second-hand used bottling line configurations for industrial packaging and beverage production of still, non-pressurized liquids. Its clockwise carousel rotation, bottle infeed screw, and cap-handling system allow straightforward connection with upstream conveyors, depalletizers, blow molding machines, and downstream labellers, inspection systems, and secondary packaging.

- Upstream compatibility: Blow molding machine, bottle unscrambler/depalletizer, conveyors
- Downstream compatibility: Labeller, inspection/quality control, packer/shrink-wrapper, palletizer
- Changeover scope: Supplied with 1 bottle format and 1 cap format; additional formats can be engineered on request

Machine Condition & Maintenance History

- Condition: In storage
- Documentation: Use and maintenance manual (Italian) and wiring diagram
- Safety features present; CE marking
- Recommended: Technical inspection and format validation with customer bottles/caps before commissioning

Operational Performance & Versatility

- High repeatability through volumetric piston dosing for viscous and semi-viscous products
- Mobile nozzles support controlled filling and clean operation
- Pneumatic spindle capping ensures consistent torque for plastic screw caps
- Suitable for various bottle geometries in PET/HDPE within the 1 L range
- Optimized for non-isobaric, non-aseptic operations

Installation Requirements & Site Preparation

- Utilities: Electrical power per CE electrical panel specifications; compressed air for pneumatic systems
- Facility: Level flooring, sufficient access for handling and enclosure opening
- Validation: Provide representative bottles, caps, and product for setup and format verification
- Integration: Interface to existing conveyors and line control to be aligned during installation

Safety Standards & Compliance Certification

- CE marking and CE-compliant electrical panel
- Protective hood with doors and safety devices
- Machine designed for safe industrial operation within applicable EU Machinery, Low Voltage, and EMC requirements



Used
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