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New Filling / Capping Monoblock 24.6

Machine type:	Filling Monoblock
Ref:	M126
Year:	1971
Speed:	11000 Bottles/hour
Condition:	New
Price:	Price on request
Formats:	375 ml, 500 ml, 750 ml, 1 L
Containers:	PET
Products:	Oil

Technical details

Rotation:	0	Has capper:	Yes
Filler - No. of valves:	24	Filler - Fill type:	2
Filler - Type of nozzle:	0	Safety features:	Yes
Manuals:	Yes		

Description

Technical Specifications & Performance Data

The New Filling / Capping Monoblock 24.6 is engineered for accurate, high-speed oil filling and secure press-on capping in a compact, hygienic frame. Designed for modern industrial packaging environments, it combines weight-based filling precision with consistent closure application to maximize uptime and quality.

- **Rated output:** up to 11,000 bottles/hour (application-dependent)
- **Filling system:** load cell–controlled, gravity-fed, contactless nozzles; atmospheric operation with weight-based dosing
- **Accuracy:** per-valve weigh control; gram-level resolution per liter for consistent net-weight results
- **Filler configuration: 24** filling valves
- **Capper configuration:** integrated press-on capper, **6** heads
- **Closure type and size:** plastic press-on caps, **28–30 mm**
- **Bottle formats:** 0.06 L, 0.375 L, 0.50 L, 0.75 L
- **Container material:** PET (primary compatibility)

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- **Products:** oils and oil-based liquids appropriate for gravity/weight filling
- **Condition:** NEW
- **Documentation:** operating and maintenance manuals included
- **Safety:** integrated guards and protections

Advanced Automation & Control Systems

Each filling station uses an individual load cell to measure and control product dose in real time. The system runs at atmospheric pressure with contactless nozzles to reduce cross-contamination risks and mechanical wear. Typical features include recipe selection for bottle formats and targets, automatic tare, drift compensation, and out-of-tolerance detection with reject signaling. A modern control panel with clear operator interface supports production counters, alarms, and changeover guidance. The electrical cabinet is designed for industrial duty and can be configured to common plant standards; integration with line controls and upstream/downstream interlocks is supported. Safety features include interlocked access doors, emergency stops, and jam diagnostics.

Production Line Integration Capabilities

This monoblock integrates seamlessly into complete lines alongside rinsing, labeling, coding, case packing, and palletizing systems. It is suitable for both new installations and upgrades where it must connect to an existing used bottling line or second hand equipment. Quick-change format parts support fast shifts among the available bottle sizes, while the cap feeder and 6-head press-on capper are tuned for 28–30 mm closures. The weight-filling architecture is versatile for oil applications and maintains accuracy across minor density or temperature changes. The machine communicates effectively with upstream rinsers and downstream labeling machines common in beverage production and food-grade industrial packaging environments.

Machine Condition & Maintenance History

The machine is in NEW condition and ready for commissioning. It is supplied with manuals to support installation, operation, and preventive maintenance. Wear components are designed for straightforward access, and the contactless, gravity-based design minimizes mechanical complexity. A recommended spare parts list can be provided to align with your maintenance strategy and planned uptime targets.

Operational Performance & Versatility

Optimized for oil filling, the load cell–controlled dosing ensures consistent net weights across 0.06 L to 0.75 L PET formats. The contactless nozzles are gentle on lightweight PET bottles, helping preserve container integrity at high speeds. While PET is the primary container type, the monoblock’s control philosophy and modular change parts can be engineered for broader line contexts that also handle glass or aluminum containers, enabling integration within mixed-material industrial packaging facilities. The robust capping turret applies 28–30 mm plastic press-on closures with repeatable application force for secure seals that maintain product quality through downstream labeling, packing, and distribution.

Installation Requirements & Site Preparation

The compact monoblock layout is designed for efficient floorspace utilization and straightforward conveyor connections. A level, hygienic production area with adequate access for operation and maintenance is required. Typical utilities include electrical power compliant with plant standards, clean compressed air for cap handling and

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actuators, and a conditioned product feed to the filler bowl. Integration points are available for infeed/outfeed conveyors, cap elevator/bowl, upstream rinsing, and downstream labeling and packing equipment. Detailed layout and utility specifications can be provided to support site planning and line engineering.

Safety Standards & Compliance Certification

Comprehensive safety guarding surrounds all moving turrets and transfer areas, with interlocked doors and emergency stop circuits for operator protection. The sanitary design of wetted parts supports food-grade processing of edible oils and aligns with good manufacturing practices. Risk assessment documentation and validation support can be provided to help align with plant-level and regional regulations. The combination of guarded access, clear HMI messaging, and reliable weight-based filling reinforces safe, consistent operation across demanding industrial packaging and beverage production environments, including integration with used bottling line assets where appropriate.