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# Used PROCOMAC RM 36-42-6 filling monoblock, flat liquids 9000 BPH

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|---|---|
| **Machine type:** | Filling Monoblock |
| **Ref:** | M354 |
| **Model:** | PET HAL 36/42/6 |
| **Year:** | 2002 |
| **Speed:** | 9000 Bottles/hour |
| **Condition:** | Ready for Operation |
| **Formats:** | 1.5 L, 2 L |
| **Containers:** | PET |
| **Products:** | Flat Drinks |

## Technical details

| | | | |
|---|---|---|---|
| Rotation: | Clockwise | Has rinser: | Yes |
| Has capper: | Yes | Filler - No. of valves: | 42 |
| Neck type: | PCO 1881 | Filler - Type of nozzle: | Fixed |
| Filler - Fill type: | Gravity/light depression | Safety features: | Yes |
| Manuals: | Yes | Power: | 10 kW |
| Voltage: | 380 V | Frequency: | 50 Hz |

## Description

### Used PROCOMAC RM 36-42-6 filling monoblock, flat liquids 9000 BPH

### Technical Specifications & Performance Data

The PROCOMAC FILLSTAR BLOCK is a filling monoblock designed for integrated rinsing, filling and capping of still products in PET bottles. Built in 2002, the PET HAL 36/42/6 configuration combines a PROCOMAC GRIPSTAR rinser, HAL SF filler and AROL PK capper in a compact rotary bottling unit for beverage production and industrial packaging applications.

- **Manufacturer:** PROCOMAC
- **Model:** PET HAL 36/42/6
- **Configuration:** rinser, filler and capper monoblock

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- **Maximum production speed:** 9,000 bph on 0.5L bottles
- **Rinser:** PROCOMAC GRIPSTAR with 36 grippers and 1 treatment
- **Filler:** HAL SF with 42 filling valves for still liquids
- **Capper:** AROL PK with 6 heads for PCO 1881 caps
- **Current bottle formats:** 0.5L, 1.5L and 2.0L
- **Bottle neck diameters:** 66 mm, 89 mm and 95 mm

## List of overhaul / revision works

- Overhaul of main gearbox

- Overhaul of main motor bearings

- Replacement of carousel drive belt

- Overhaul of star wheel bearings

- Overhaul of rinser grippers

- Overhaul of rinser rotary manifold

- Overhaul of filler pneumatic cylinders

- Inspection of bottle transfer grippers

- Overhaul of filling valves

- Overhaul of valve lifting carriage

- Overhaul of product rotary manifold

- Overhaul of inlet modulating valve

- Overhaul of sanitizing by-pass valves

- Overhaul of capper pistons

- Overhaul of capper heads

- Overhaul of capper cones

- Replacement of centrators

- Overhaul of cap distributor

- Inspection of pneumatic system

- Inspection of electrical system

- General functional check

## Advanced Automation & Control Systems

The monoblock is equipped with a dedicated separate electrical panel and Siemens electrical components. A Siemens S7 PLC provides machine control, while the ESA 9-inch touchscreen operator panel supports day-to-day operation

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and adjustment. The electrical supply is specified at 380 V, 50 Hz, three phases plus neutral, with a 24 V auxiliary supply and 10 kW installed power.

- Siemens S7 PLC control system
- ESA 9-inch touchscreen operator interface
- Dedicated separate electrical panel
- 380 V, 50 Hz, three phases plus neutral
- Installed power: 10 kW

## Production Line Integration Capabilities

Designed as an integrated rinser-filler-capper block, this machine can serve as the central filling station in a used bottling line for PET bottle production. Neck-handling bottle transfer supports stable container movement through the rinsing, filling and capping stages. The quick format-change arrangement supports changeovers between the listed 0.5L, 1.5L and 2.0L bottle formats, making the monoblock suitable for production lines that require multiple package sizes.

The pneumatic cap elevator and feeder manufactured by BERTOLASO supplies caps to the AROL capping section. Upstream and downstream conveyor systems can be coordinated with the monoblock for integration with bottle handling, labeling, secondary packaging and palletizing equipment.

## Machine Condition & Maintenance History

This second hand filling monoblock was manufactured in 2002. Its integrated architecture combines the key rinsing, filling and capping operations within one machine frame, supporting a streamlined layout for beverage production and industrial packaging. The enclosed stainless-steel cabin and dedicated automation equipment are important elements for buyers evaluating the machine for recommissioning and integration into an existing production line.

## Operational Performance & Versatility

The HAL SF filling section is configured for still products and flat liquids. The machine is designed for PET bottle handling and currently includes 0.5L, 1.5L and 2.0L bottle formats. Its 42-valve filler and 6-head capper provide balanced processing across the principal stages of the bottling cycle.

A fully enclosed stainless-steel cabin is pressurized by two LASATEC filter units. This enclosure arrangement supports a controlled operating area around the filling process. The neck-handling transfer system and quick format-change capability contribute to flexible operation across the available bottle sizes.

## Installation Requirements & Site Preparation

Installation requires a 380 V, 50 Hz, three-phase electrical supply with neutral, together with compressed air at 8 bar and 700 Nl/min. The dedicated electrical panel and pneumatic cap-feeding system should be incorporated into the site layout and utility plan. Adequate access is required around the monoblock for operation, cleaning, format changes and connection to upstream and downstream conveyor sections.

The bottle transfer system is designed for neck handling. Integration should therefore account for the neck finish and bottle geometry used with the PCO 1881 capping configuration and the listed bottle neck diameters.

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## Safety Standards & Compliance Certification

The filling monoblock features a fully enclosed stainless-steel cabin, creating a protected process area around the rinsing, filling and capping operations. The pressurized cabin uses two LASATEC filter units. The touchscreen operator panel, separate electrical panel and PLC-based control architecture support centralized machine operation. Safety procedures, guarding verification and utility isolation should be assessed as part of installation and commissioning within a used bottling line.