

## Used master can filling monoblock 23000 CPH

<b>Machine type:</b>	Filling Monoblock
<b>Ref:</b>	M322
<b>Model:</b>	Master Can
<b>Year:</b>	2008
<b>Speed:</b>	23000 Bottles/hour
<b>Condition:</b>	Sold
<b>Formats:</b>	330 ml, 500 ml
<b>Containers:</b>	Can
<b>Products:</b>	CSD

### Technical details

Rotation:	Counterclockwise	Has capper:	Yes
Filler - No. of valves:	50	Isobaric:	Yes
Filler - Fill type:	Isobaric	Safety features:	Yes
Manuals:	No	Power:	20 kW
Voltage:	380 V	Frequency:	50 Hz

### Description

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Pre-owned isobaric monoblock filling machine for a Second-Hand Can Filling Line

#### Technical Specifications & Performance Data

##### Monoblock filler specs and performance for high-speed CSD production

This is an isobaric can filling and seaming group engineered for carbonated soft drinks, combining high-speed output with reliable carbonation control. Manufactured by TECNOFOOD GROUP, the system consists of a 50-valve filler synchronized with a 6-head seamer, offering efficient performance for beverage production and industrial packaging environments. This configuration makes it a strong choice for integration into a used bottling line or second-hand packaging machinery setup.

- **Model:** Master Can

- **Series:** 50
- **Filling technology:** Isobaric for carbonated beverages
- **Number of valves:** 50
- **Seaming heads:** 6
- **Carousel diameter:** 1800
- **Pitch:** 113
- **Rotation:** Counterclockwise
- **Base format speed:** 23,000 cans/hour at 0.5L
- **Other format speed:** 28,000 cans/hour at 0.33L
- **Filling temperature:** 18 °C
- **CO2 content:** up to 8 (as specified)
- **Installed power:** 20 kW
- **Electrical supply:** 380 V, 50 Hz; auxiliary 24 V
- **Enclosure protection:** IP55 external, IP20 internal
- **Inert gas pressure:** 6–8 bar
- **Compressed air pressure:** 6–8 bar
- **Process water pressure:** 3–4 bar
- **Year of manufacture:** 2008
- **Container types:** Aluminum cans
- **Formats:** 0.33L, 0.5L

*This pre-owned isobaric monoblock filling machine aligns with search intents for monoblock filler and monoblock filling machines, making it highly relevant for buyers building or upgrading a second-hand can filling line and evaluating alternatives to brands such as Cime Careddu.*

## Advanced Automation & Control Systems

The machine features an industrial electrical architecture optimized for beverage production lines: 380 V, 50 Hz power supply and a 24 V auxiliary circuit to support control and safety devices. The control cabinet carries IP55 external and IP20 internal protection ratings for robust operation in washdown-adjacent bottling environments. Isobaric filling ensures accurate product dosing, while the **integrated 6-head seamer** provides precise and hermetic lid application, maintaining carbonation retention for soft drinks.

As a compact monoblock filler, this unit centralizes filling and seaming for efficiency, safety, and quality. Buyers comparing pre-owned solutions to well-known options such as Cime Careddu monoblock filling machines will appreciate the reliability and control standards present here.

## Production Line Integration Capabilities

Designed for integration into a complete beverage production line, this can filler and seamer interface smoothly with upstream depalletizing and rinsing, and downstream inspection and conveying systems. Its counterclockwise carousel rotation aligns with standard infeed and outfeed conveyor layouts. The machine's processing window supports aluminum can formats of 0.33L and 0.5L, fitting common industrial packaging requirements.

This pre-owned isobaric monoblock filling machine fits naturally into a second-hand can filling line and can be paired with auxiliary equipment such as a nitrogenator or nitrogen dosing unit when required for product stability and headspace management. The compact monoblock design simplifies layout planning and reduces transfer points between filling and seaming.

## Machine Condition & Maintenance History

The filler and seamer group is reported as still in work, indicating ongoing production use and operational readiness. Regular line operation typically implies routine maintenance practices consistent with beverage industry standards. This status supports rapid redeployment in a used bottling line with minimal recommissioning time.

For buyers seeking a pre-owned or second-hand monoblock filler with proven uptime, this in-production unit minimizes risk and speeds installation compared to equipment that has been idle.

## Operational Performance & Versatility

Engineered for soft drink applications, the isobaric process manages CO<sub>2</sub> content up to 8 while maintaining a consistent fill temperature of 18 °C. The 50-valve filler and 6-head seamer configuration deliver stable high-speed output, with performance up to 28,000 cans per hour on 0.33L. This balance of speed and mechanical synchronicity ensures reliable throughput, product quality, and reduced foaming.

As an isobaric monoblock filling machine, this solution supports carbonated beverage integrity and repeatability at scale. It is a strong alternative for users researching monoblock filling machines from manufacturers like Cime Careddu, offering similar advantages in footprint, efficiency, and carbonation control.

## Installation Requirements & Site Preparation

Site utilities should include 380 V, 50 Hz electrical power, plus compressed air and inert gas at 6–8 bar and process water at 3–4 bar. The arrangement requires adequate floor space around the 1800 diameter with clear access for the seamer discharge and operator walkways. Proper leveling and anchoring are recommended for vibration control and optimal seaming stability.

When integrating into a second-hand can filling line, consider provisions for optional peripherals such as a nitrogenator, in-line inspection, and CIP, ensuring utilities and floor space accommodate these additions without disrupting monoblock filler access and safety clearances.

## Safety Standards & Compliance Certification

The equipment bears **CE marking** and uses IP55/IP20-rated enclosures. Operator protection is supported by standard beverage machinery safeguards and interlocks on both the filling and seaming sections, in line with modern industrial packaging compliance practices.

These protections align with expectations for pre-owned monoblock filling machines in regulated markets, supporting audits and due diligence for buyers comparing multiple second-hand options, including alternatives to Cime Careddu canning systems.

## Ideal for buyers searching for

- **Second-hand can filling line** solutions for CSD
- Pre-owned **isobaric monoblock filling machine** with integrated seamer
- High-speed **monoblock filler** compatible with 0.33L and 0.5L aluminum cans
- Integration with optional peripherals such as a **nitrogenator**
- Alternatives comparable to brands like **Cime Careddu**