



Used Blow Molding Machine Sidel SBO 14 18000 BPH



Machine type:	Blow Molding Machine
Ref:	SO130
Model:	SBO 14
Year:	1999
Speed:	17999 Bottles/hour
Condition:	Ready for operation
Formats:	1.5 L
Containers:	PET

Contact:

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Technical details

Safety features:	Yes	No. of cavities:	14
Elevator:	Not stated	Preforms tipper:	Not stated
Unscrambler:	Not stated	Compressor:	Not stated
Chiller:	N/A	Preform neck type:	Not stated
Air Recovery System:	Not stated	Type:	Rotary
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Description

Blow Molding Machine Sidel SBO 14

This used Sidel SBO 14 blow molding machine is a proven rotary system engineered for high-efficiency PET bottle production. Built in 1999, it delivers up to 18,000 bottles per hour and is well suited for beverage production and industrial packaging applications on used bottling lines. With 14 molds and robust mechanical design, it offers consistent performance for large formats such as 1.5L, making it a reliable choice for second hand PET bottling operations across water, soft drinks, beer, wine, spirits, milk, and edible oil segments.

Manufactured by Sidel engineering, this model integrates smoothly within complete bottling lines or as a standalone blow molder feeding downstream filling, capping, and labeling equipment. It is available as seen, or fully overhauled and guaranteed, providing flexibility depending on your project timeline and budget. Designed for PET containers, it combines production stability, format change practicality, and industrial durability required in modern beverage production and packaging machinery.



Technical Specifications & Performance Data

- **Manufacturer:** Sidel
- **Model:** SBO 14
- **Year of manufacture:** 1999
- **Max. production speed:** 18,000 bph
- **No. of molds (cavities):** 14
- **Current bottle format:** 1.5L
- **Container material:** PET
- **Processed products:** Still water, sparkling water, soft drinks, beer, wine, spirits, milk, oil
- **Infeed-outfeed grippers:** 7
- **Mandrels:** 220
- **Machine type:** Rotary
- **Work direction:** Clockwise
- **Max. bottle height:** 320 mm
- **Warranty:** 6 months (when supplied refurbished and guaranteed)

Advanced Automation & Control Systems

The Sidel SBO series is designed for reliable, repeatable operation with centralized control and user-friendly handling. Typical features include clear HMI interfaces, recipe management for format changes, and monitored heating and blowing parameters to stabilize quality at high speeds. Integrated safety guarding and interlocks protect operators while maintaining accessibility for routine adjustments and maintenance. Quick-change components support efficient format transitions, contributing to reduced downtime and consistent line efficiency.

Production Line Integration Capabilities

This blow molding machine integrates easily with upstream preform handling and downstream conveyors, fillers, cappers, and labelers within a complete used bottling line. It supports inline operation or can run as a standalone unit feeding existing packaging machinery. The rotary design ensures smooth bottle transfer and stable handling for PET containers, particularly in the 1.5L range, with the flexibility to adapt to other formats through appropriate change parts and settings.

Machine Condition & Maintenance History

The unit is available ready for operation, as seen, or fully refurbished and guaranteed. When supplied overhauled, critical systems are inspected and serviced to restore dependable performance, and a 6-month warranty is provided. Ready-to-use supply options with compatible spare parts help reduce commissioning time and mitigate startup risks in second hand industrial packaging projects.

Operational Performance & Versatility

Optimized for PET bottle blowing, the SBO 14 delivers stable output for a wide range of beverage and liquid food applications: still and sparkling water, carbonated soft drinks, beer, wine, spirits, milk, and edible oil. The 14-cavity rotary platform balances speed with quality, providing uniform heating and blowing for consistent bottle weight and geometry. Its design supports high-uptime operation in demanding beverage



production environments.

Installation Requirements & Site Preparation

The machine requires adequate floor space for the rotary blow wheel, oven, and service access, plus utilities typical for PET blow molding: electrical supply, high-pressure compressed air, low-pressure air for pneumatics, and a cooling circuit or chiller for process stability. A level foundation and proper conveyor interfaces are recommended to ensure smooth integration and reliable performance.

Safety Standards & Compliance Certification

Comprehensive guarding, interlocked access doors, and emergency stop circuits support operator safety and compliance with industrial norms. The hygienic and maintainable design is suitable for food and beverage environments, with materials and layouts that facilitate routine cleaning and inspection.



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