

Used SIDEL PET Blow molding machine - Year 2010

Machine type:	Blow Molding Machine
Ref:	SO146
Model:	SBO10, Neck 28mm 1881
Year:	2010
Speed:	14000 Bottles/hour
Condition:	Ready for Operation
Containers:	PET

Technical details

Type:	Rotary	No. of cavities:	10
Elevator:	Yes	Preforms tipper:	Not stated
Unscrambler:	Not stated	Compressor:	Not stated
Chiller:	N/A	Preform neck type:	Ø28 1881
Air Recovery System:	Not stated	Safety features:	Yes
Manuals:	No	Width:	3200 mm
Length:	8900 mm	Power:	306 kW
Voltage:	400 V	Frequency:	50 Hz
Ampere:	452 A		

Description

Used SIDEL PET Blow molding machine - Year 2010

Technical Specifications & Performance Data

This Sidel PET blow molding machine, model SBO10, is designed for the rotary stretch-blow molding of PET bottles from preforms. Manufactured in 2010, the machine is configured with 10 cavities and has a stated production capacity of **14,000 bph**. The Ø28 1881 neck finish is specified for the installed mold and preform configuration.

- **Manufacturer:** Sidel
- **Model:** SBO10
- **Year:** 2010
- **Production capacity:** 14,000 bph

- **Number of cavities:** 10
- **Preform neck finish:** Ø28 1881
- **Blower footprint:** 8,900 mm length x 3,200 mm width
- **Installed power:** 306 kW
- **Main electrical supply:** 3 x 400 V, 50/60 Hz
- **Maximum current:** 452 A

Advanced Automation & Control Systems

The machine operates from a 3 x 400 V electrical supply and is specified for 50/60 Hz operation. A 24 V remote-control circuit is indicated. Its electrical installation includes a short-circuit rating of 25 kA RMS symmetrical, supporting integration into an appropriately designed industrial electrical system.

The rotary PET blow molding process is suited to automated preform handling, bottle formation and discharge to downstream bottling equipment. The supplied preform handling equipment includes an elevator column, mini-hopper assembly and main hopper/feeder.

Production Line Integration Capabilities

This PET bottle blower can serve as the bottle-forming stage of a used bottling line for beverage production and industrial packaging. It can be integrated with preform supply equipment upstream and with air conveyors, filling monoblocks, labeling machines, shrink wrappers and palletizing systems downstream.

The supplied equipment list includes a Sidel EBH 2050 PET preform press manufactured in 2010 and a Sidel-Alsim air conveyor manufactured in 1999. The air conveyor supports transfer of newly formed PET bottles toward subsequent packaging machinery.

- **Preform elevator column:** 5,200 mm length x 1,300 mm width x 1,200 mm height; 250 kg
- **Mini-hopper assembly:** 2,900 mm length x 1,630 mm width x 1,160 mm height; 367 kg
- **Main hopper/feeder:** 2,590 mm length x 1,850 mm width

Machine Condition & Maintenance History

The machine is presented as a second hand Sidel PET blow molding machine with identified year, model, output and electrical data. Buyers can use the stated configuration and associated handling equipment details when planning inspection, recommissioning and integration into a PET bottling or industrial packaging production line.

Operational Performance & Versatility

The SBO10 is designed to convert PET preforms into finished PET bottles through a rotary stretch-blow molding process. Its 10-cavity arrangement supports continuous bottle production at the stated output. The specified Ø28 1881 neck finish identifies the available preform and bottle-neck configuration.

As part of beverage production equipment, a PET blow molding machine typically supplies empty bottles directly to filling and packaging operations. Format changes depend on the appropriate molds and associated bottle-handling adjustments.

Installation Requirements & Site Preparation

Installation planning should allow for the blower footprint of 8,900 mm by 3,200 mm, together with additional access space for operation, maintenance and preform handling. The preform elevator, mini-hopper assembly and main hopper/feeder require coordinated layout planning to ensure a continuous preform supply to the machine.

The electrical connection must accommodate 3 x 400 V power at 50/60 Hz, installed power of 306 kW and maximum current of 452 A. Site preparation should also account for the compressed-air, cooling and process utilities normally required by PET stretch-blow molding equipment.

Safety Standards & Compliance Certification

CE marking is indicated for this Sidel PET blow molding machine. Safe installation and operation require suitable electrical protection, controlled access to moving machinery, proper guarding and emergency-stop procedures in accordance with the applicable site safety requirements. The 24 V remote-control circuit supports industrial machine-control architecture.