

Used KOSME blower unit 6 cavity - 12000 BPH

Machine type:	Blow Molding Machine
Ref:	SO140
Year:	2012
Speed:	12000 Bottles/hour
Condition:	In Production
Containers:	PET

Technical details

Type:	Rotary	No. of cavities:	6
Elevator:	Not stated	Preforms tipper:	Not stated
Unscrambler:	Not stated	Compressor:	Not stated
Chiller:	N/A	Preform neck type:	28 mm
Air Recovery System:	Yes	Safety features:	No
Manuals:	Yes	Power:	27 kW
Voltage:	400 V	Frequency:	50 Hz

Description

Used KOSME blower unit 6 cavity - 12000 BPH

Technical Specifications & Performance Data

This rotary blow molding machine by KOSME delivers reliable PET bottle production with a proven 6-cavity configuration. Optimized for beverage production and industrial packaging, it achieves a maximum output of 12,000 bottles per hour on the 0.5L format. An energy-saving ceramic oven and an additional air recovery system support efficient operation, reducing both power and compressed air consumption. The machine comes customized for 28 mm neck finishes, aligning with common beverage closures used in water and CSD packaging.

- **Manufacturer:** KOSME
- **Year:** 2012
- **Architecture:** Rotary
- **No. of cavities:** 6
- **Maximum output:** 12,000 bottles/hour (0.5L)

- **Container type:** PET bottles
- **Neck finish:** 28 mm customization
- **Heating system:** Energy-saving ceramic oven
- **Air system:** Additional air recovery
- **Electrical:** 400 V, 50 Hz, 27 kW
- **Operating hours:** 17,600 hours

Advanced Automation & Control Systems

The machine features a robust control panel for process set-up and monitoring, supporting stable heating profiles across the ceramic oven zones and precise blow parameters for consistent bottle quality. Recipe-based settings streamline format optimization while minimizing operator intervention. Safety guarding and interlocks protect operators during production and changeovers, and the system supports efficient warm-up and standby modes to reduce energy use during short stops.

Production Line Integration Capabilities

Designed for seamless integration in a used bottling line or as a standalone stretch-blow module, this unit interfaces easily with standard preform handling systems and downstream PET filling, labeling, and secondary packaging machinery. It supports beverage production workflows where high efficiency and quick synchronization with conveyors and accumulation systems are required.

- Inline or standalone operation
- Compatible with standard preform handling equipment (elevator, tipper, unscrambler)
- Interfaces with PET fillers, labeling machines, shrink wrappers, and palletizers
- Format noted: 0.5L; additional sizes can be configured with appropriate tooling

Machine Condition & Maintenance History

The machine is currently in production and reported in very good condition. It has approximately 17,600 operating hours and has recently undergone its scheduled 18,000-hour maintenance. Documentation is available to support commissioning, operation, and maintenance activities, ensuring a smooth start-up in a second hand or upgraded industrial packaging environment.

- Currently in production
- Very good condition
- Recent 18,000-hour maintenance
- Manuals available

Operational Performance & Versatility

With a 6-cavity rotary platform and energy-saving ceramic oven, the machine offers stable production at 12,000 bph on 0.5L PET bottles. The additional air recovery system enhances efficiency by reducing high-pressure air consumption, an important benefit in beverage production facilities managing compressed air costs. The 28 mm neck customization

makes it suitable for common beverage closures, supporting applications in water and carbonated soft drinks on modern bottling equipment lines.

Installation Requirements & Site Preparation

The blow molder operates on a 400 V, 50 Hz electrical supply and requires high-pressure compressed air and cooling utilities typical of PET stretch-blow processes. Adequate floor space should be allocated for the rotary base, oven module, preform infeed, and bottle discharge conveyors. For optimal performance, provide stable utilities, sufficient ventilation around the oven, and clear access for maintenance and format tooling changes.

- Electrical: 400 V, 50 Hz
- Power: 27 kW
- Compressed air: high-pressure supply required
- Cooling: process cooling/chiller connection typically required

Safety Standards & Compliance Certification

The unit is equipped with machine guarding, interlocked access points, and emergency stop circuits to support safe operation in beverage production environments. Hygienic and robust construction materials are suitable for food-grade PET bottle manufacturing, aligning with industry safety and quality expectations for modern bottling equipment and packaging machinery.