

Blow molding machine SIPRA SFR 8 2009 - 12400bph

Machine type:	Blow Molding Machine
Ref:	SO144
Model:	SFR 8
Year:	2009
Speed:	12400 Bottles/hour
Condition:	In Production
Formats:	1.5 L, 500 ml, 750 ml
Containers:	PET

Technical details

Type:	Rotary	No. of cavities:	8
Elevator:	Not stated	Preforms tipper:	Not stated
Unscrambler:	Not stated	Compressor:	No
Chiller:	Yes	Preform neck type:	28mm / 1881 short neck
Air Recovery System:	Not stated	Safety features:	Yes
Manuals:	Yes		

Description

Technical Specifications & Performance Data

The SIPA SFR 8 is a rotary PET stretch blow molding machine designed to form PET bottles from preforms for beverage production and industrial packaging applications. Manufactured in 2009, this machine provides a stated production capacity of **12,400 bottles per hour**. Its rotary architecture supports continuous bottle production and is suitable for integration into a used bottling line where consistent container supply is required ahead of filling, capping, labeling and secondary packaging equipment.

- **Manufacturer:** SIPA
- **Model:** SFR 8
- **Year of manufacture:** 2009
- **Production capacity:** 12,400 bottles per hour
- **Blow mold configuration:** 4 mold sets with 8 cavities each
- **Preform neck finish:** 28mm / 1881 short neck

- **Supported bottle formats:** 0.5L, 0.75L and 1.5L
- **Container material:** PET

Advanced Automation & Control Systems

This rotary stretch blow molder is intended for automated PET bottle manufacturing, transforming heated preforms into finished containers through the stretch-blow molding cycle. The supplied preform feeding system supports controlled preform handling into the machine. Rotary blow molding equipment is typically operated through coordinated process controls that synchronize preform transfer, heating, stretching and blowing stages.

The machine is supplied with its preform feeding system and chiller. These components support a more complete blowing package by providing preform infeed capability and process cooling. The high-pressure compressor is excluded, so compressed-air infrastructure must be planned as part of installation and commissioning.

Production Line Integration Capabilities

The SIPA SFR 8 can operate as the bottle production stage of a PET used bottling line. It is positioned upstream of filling monoblocks, labeling machines, shrink wrappers, handle applicators and palletizing systems, producing PET containers for onward handling in a beverage production line. The available mold sets provide flexibility for 0.5L, 0.75L and 1.5L bottle formats, subject to the installed mold and associated line setup.

The supplied preform feeding system supports integration with preform handling equipment. A preform hopper is not included, allowing the buyer to configure a hopper solution according to site layout, autonomy requirements and preform logistics. The 28mm / 1881 short-neck finish should be matched with compatible preforms, closures and downstream filling equipment.

Machine Condition & Maintenance History

The machine is described as being in very good condition and regularly maintained by the manufacturer. It remains operational until September 30, 2026, indicating that it is currently in production rather than stored or decommissioned. This operating status gives prospective buyers the opportunity to evaluate the machine as part of an active production environment before dismantling.

Planned dismantling and loading will follow the end of operation. Buyers should arrange site assessment, technical verification and transport planning in coordination with the removal schedule.

Operational Performance & Versatility

Designed specifically for PET bottle manufacture, the SFR 8 supports production of multiple bottle volumes through dedicated blow mold sets. The supplied mold package includes configurations for 1.5L, 0.75L and 0.5L formats, enabling practical format flexibility for beverage production and industrial packaging operations. Rotary PET stretch blow molding technology is commonly selected for continuous production where bottle quality, repeatability and compatibility with downstream bottling equipment are important.

The machine can be considered for water, juice, CSD and other beverage applications when the selected PET preform, bottle design, closure system and filling process are compatible with the installed configuration.

Installation Requirements & Site Preparation

Installation requires suitable electrical, cooling and compressed-air connections for stretch blow molding operation. The included chiller supports process cooling, while a compatible high-pressure compressor must be supplied separately because it is excluded from the package. Site planning should also allow for preform supply equipment, bottle discharge conveyors, safe operator access and connection to downstream bottling machinery.

Before commissioning, the machine should be aligned with the required preform specification, 28mm / 1881 neck finish, mold set, production format and downstream bottle-handling layout. Transport and installation planning should account for professional dismantling, reassembly and commissioning procedures.

Safety Standards & Compliance Certification

Rotary PET blow molding machinery should be installed with appropriate guarded operating areas, controlled access and emergency-stop provisions in accordance with the site safety assessment. During commissioning, the buyer should verify the condition and operation of safety devices, electrical protection, pneumatic connections and interlocks. Safe handling procedures are particularly important around moving rotary mechanisms, high-pressure air systems and heated preform-processing zones.