



*BUSINESS PRESENTATION*

# **BLOWER MACHINE BS-1**

**Kegs from 5000 to 30.000ml**

**Still water**

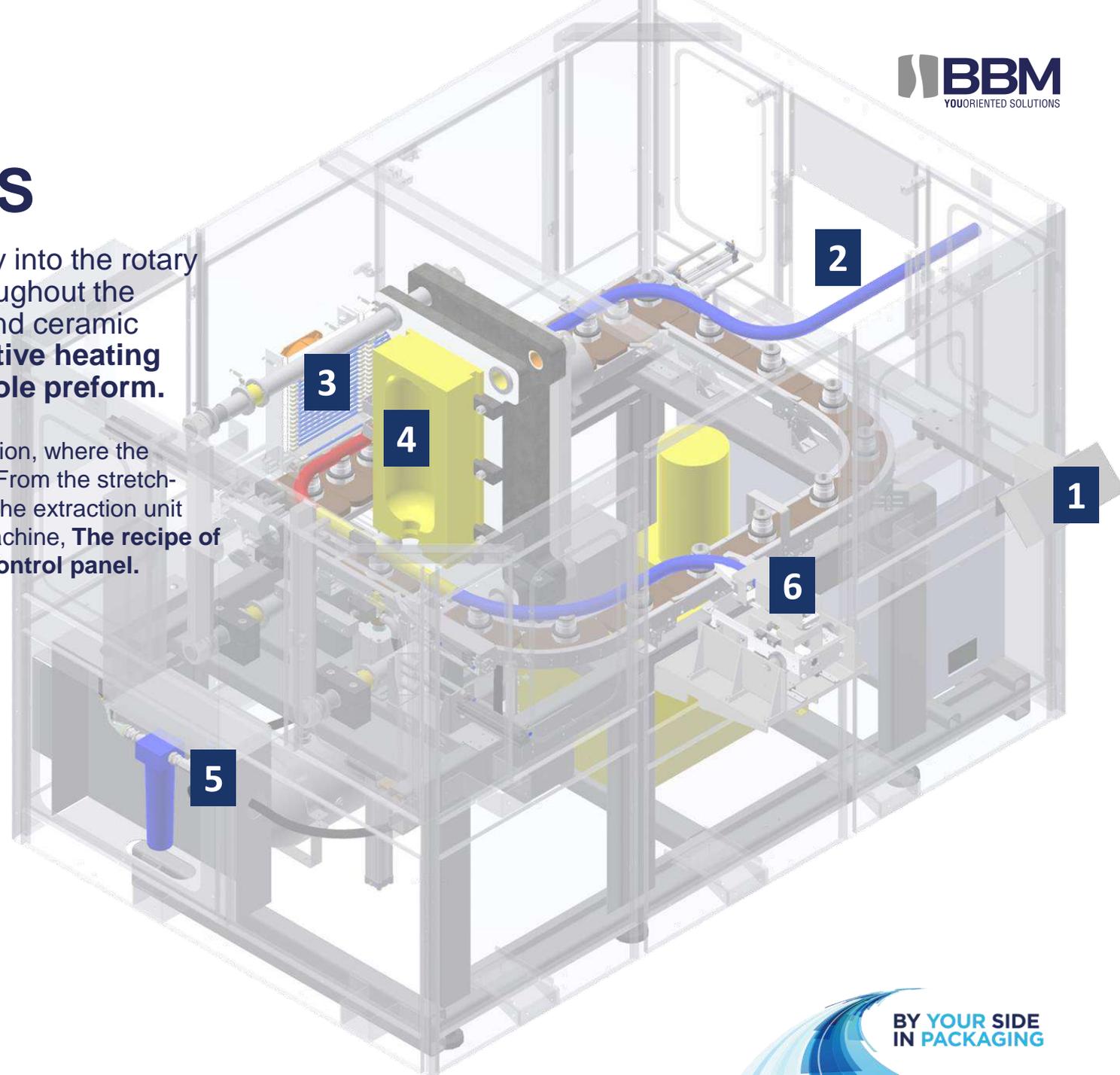
**Sparkling water**



# FRAME AND PROCESS

The preforms, loaded manually or automatically into the rotary mandrel holders, are moved progressively throughout the heating module, composed of infrared lamps and ceramic reflector panels **to ensure a perfect and effective heating profile and radially homogeneous of the whole preform.**

The preform is positioned into the stretch-blow molding station, where the blowing process is ensured by an electronic valve system. From the stretch-blow molding station, the containers are moved forward to the extraction unit where an overturning gripper delivers it externally to the machine, **The recipe of each container is previously preset and stored in the control panel.**



1. Operation panel

2. Preform infeed

3. Preform heating

4. Single-cavity mold

5. Electronic valve

6. Containers extractor

# TECHNICAL FEATURES

TECHNICAL DATA	
Power supply	380V - 3F + N + PE – 50Hz
Installed power	From 45kW with N. 1 lamps module
Compressed air pressure*	20 bar: 200NI/min [air for blowing] V 8 bar: 500NI/min [air for auxiliary]
Speed	200bph2**
Components	Commerce of first quality

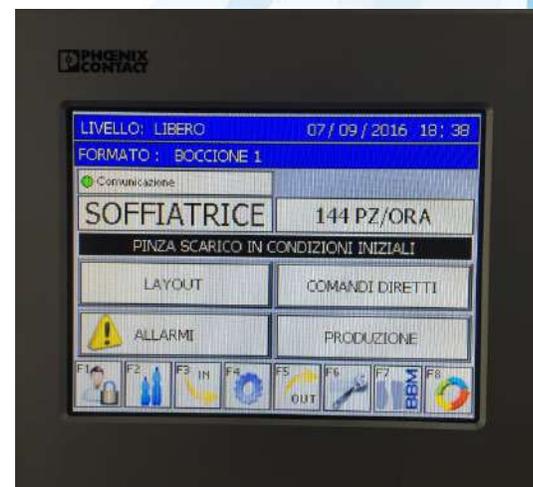
\*Consumption calculated on 30lt format.

\*\*According to the format to realize and to the preform weight.

## OPERATOR PANEL LCD

Operative flexibility, thanks to the touch-screen panels that allows to

- set the machine on each job-cycle
- save the receipts for preforms and containers;
- control the machine performances.



## MAIN FEATURES

- Stainless steel compact frame.
- Infrared heating with N. 1 lamps module and ceramic panels, extensible up to 4 modules.
- Molds in special aluminum alloy resistant to mechanical stress.
- Easy system for format and mold change.
- Moving on the work surface with a type pads system.

# FEATURES



## PREFORM INFEED

Preform manually loading with operator. Option available with automatic loading



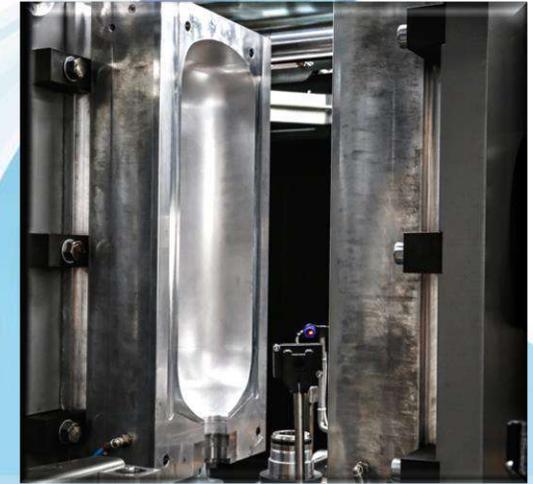
## PREFORM HEATING

The heating module composed of thermo-reflective panels allows the preforms a symmetrical distribution of heat



## MACHINE SETTING

Electronic control of power, lighting and switching off of the lamps is made through operator panel



## SINGLE CAVITY MOULD

Blowing single-cavity mold with cooling water and change format system

# FEATURES



## BLOWING TANK

Electronic system to control the blowing, preblowing and discharge process, parameterizable through operator panel



## CONTAINER EXTRACTOR

Extraction system with rotating gripper. Option available with discharge on accumulation buffer

# STRENGTHS

Limited investment

Compact layout for easy transport by container

Quick installation and start-up time

Italian high technology

Available for still & sparkling water

Easy functioning with process parameter control by PLC

**THANK YOU.**

**BBM Service s.r.l.**

Via Pregalleno, 24  
24016 San Pellegrino Terme  
Bergamo | Italy

Tel +39 0345.23642  
E-mail: [info@bbmpackaging.com](mailto:info@bbmpackaging.com)  
**[bbmpackaging.com](http://bbmpackaging.com)**

