



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

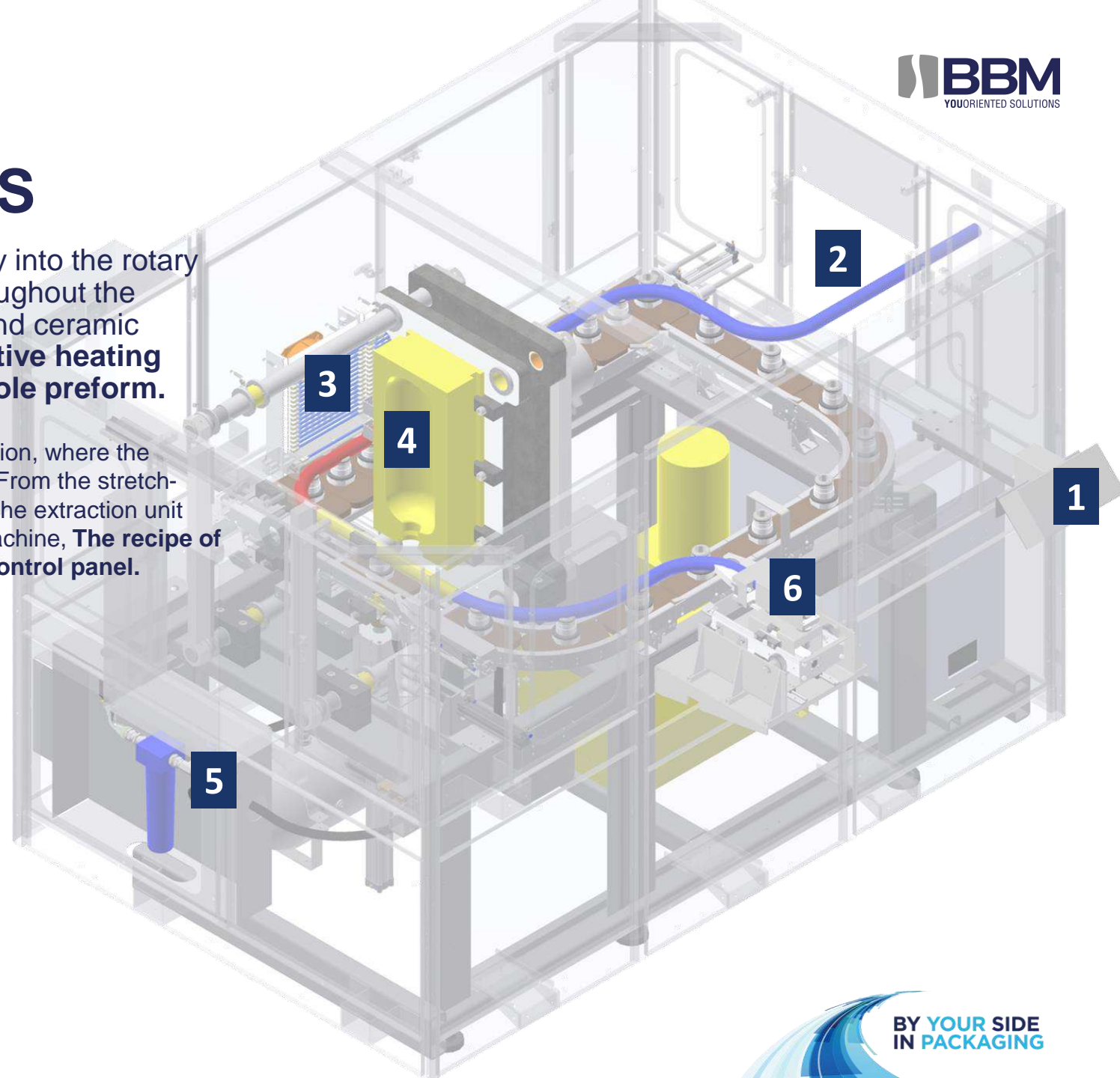
2. Preform infeed

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

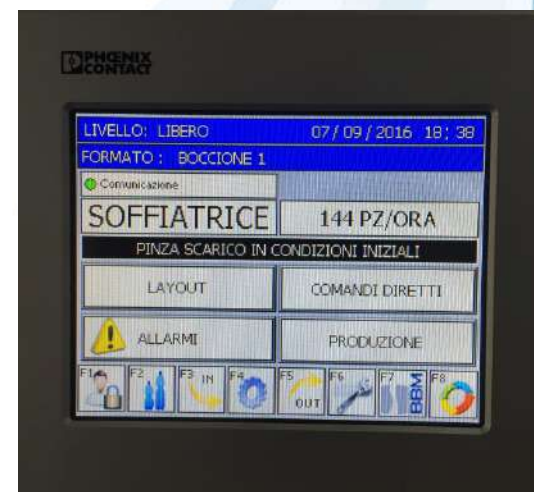
*Consumption calculated on 30lt format.

**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



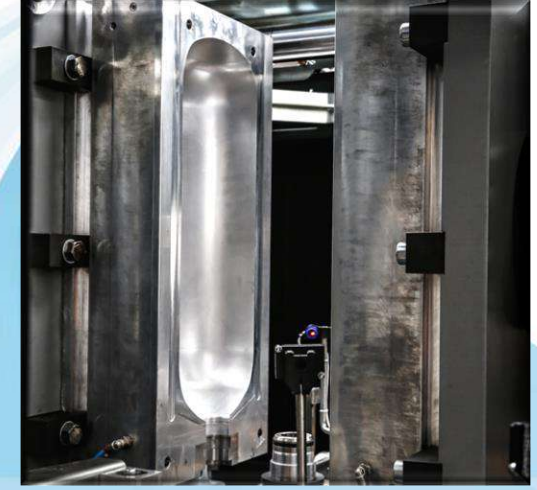
PREFORM HEATING

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.

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