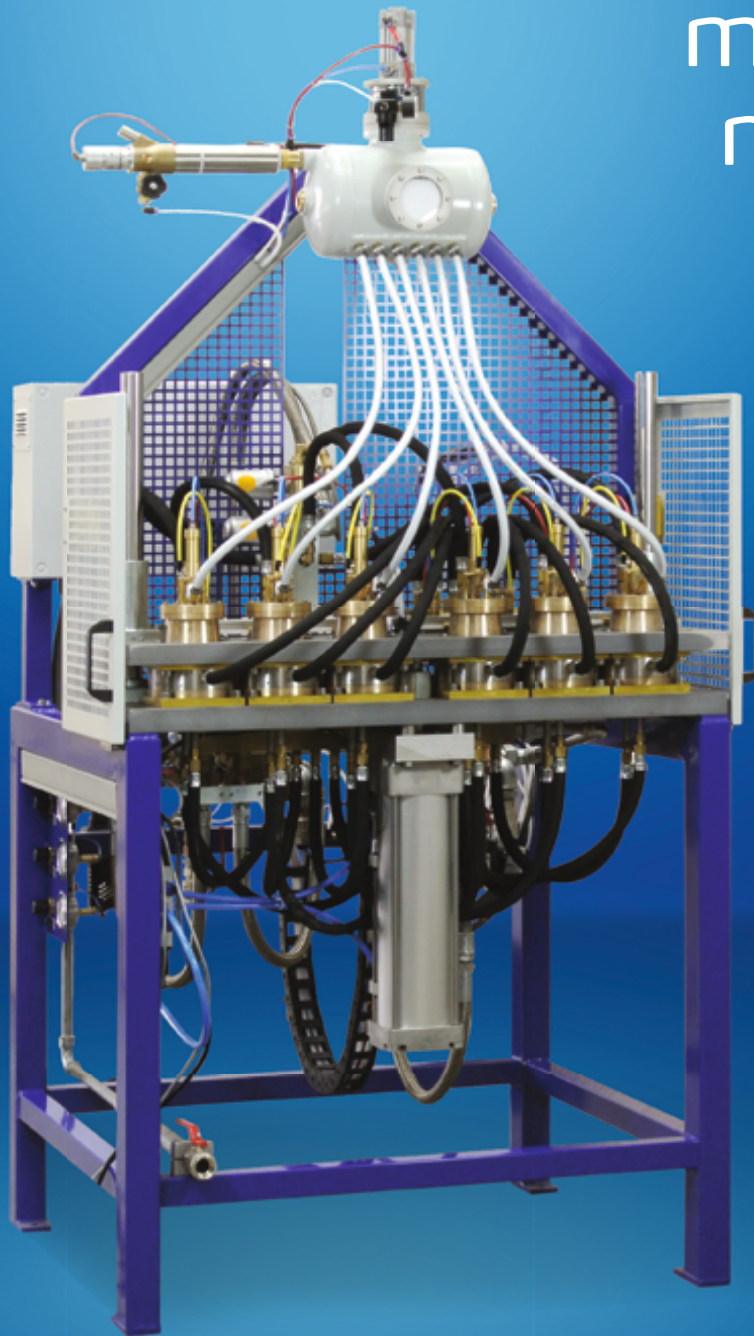


THW 850

**THERMOWARE** **T**  
PARTICLE FOAM MACHINERY **W**

# Thin-wall particle foam moulding machine



For now and in the future

# Thin-wall partical foam moulding machine



This vertical thin-wall foam cup moulding machine offers a space-saving design for the production of cups. It is a reliable, fast and low maintenance machine where large side doors provide easy access to the mould area. Like all Thermoware machines it is operated and monitored via a user-friendly PLC and a touch screen. The steam and cooling systems have been optimized to shorten the cycle time and to minimize the steam and cooling water consumption.

## Vertical thin-wall particle foam cup moulding machine THW 850

### TECHNICAL DATA

- Footprint:  
L x W x H mm: 1000 x 1085 x 2302 mm  
Total weight: 900 kg
- Automatic vertical moulding machine for EPS cups.
- Max. mould positions 6 by a product diameter of max. 95 mm and max. height of 150 mm.
- Automatic hopper loading system
- Pressure fill system for particle foam beads
- PLC control cabinet with digital front panel
- 24 V - dc internal electric circuit
- Reed contact limit switches
- Integrated steam reducer
- Cup productivity up to 3000 cups / h

### SPECIFICATIONS

- Steam pressure min. 7 bar
- Steam consumption 150 - 175 kg / h
- Steam connection 1"
- Cooling water pressure min. 4 - 4.5 bar
- Cooling water temperature 35 - 40°C
- Cooling water flow at 4 bar 2.6 ltr / sec
- Cooling capacity 82 kW
- Cooling water connection 1"
- Air pressure min. 7 bar
- Air consumption 0.6 – 0.8 m<sup>3</sup> / min.
- Air connection 1"
- Electricity supply 100 / 240 VAC, 50 / 60 Hz  
1 ph + N + FG
- Electricity rated power 0.3 kW
- Machine code THW 2106

**Machines we manufacture for the European market comply with CE regulations.**

**THERMOWARE**   
PARTICLE FOAM MACHINERY

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