

THW 3516  
THW 4016

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

# Thin-wall particle foam cup moulding machine



For now and in the future

# Thin-wall particle foam moulding machine



This versatile and robust machine is the one and only dry moulding machine in the market in which reliability and production speed are combined. It achieves major production volumes with minimal rejects, lowest maintenance costs, little down time and low energy consumption, resulting in the lowest possible production costs. This machine is available in a long stroke version for the manufacturing of larger items.

## Horizontal thin-wall particle foam moulding machine THW 3516 / THW 4016

### TECHNICAL DATA

- Footprint THW 3516:  
L x W x H mm: 1720 x 1750 x 2400 mm  
Total weight: 2300 kg
- Footprint long stroke version THW 4016:  
L X W x H mm: 1980 x 1750 x 2400 mm  
Total weight: 2400 kg
- Automatic horizontal moulding machine for cups and containers.
- Maximum mould plates area 1500 x 300 mm (2x).
- Maximum mould positions 16 by a product diameter of max. 95 mm.
- Automatic hopper loading system
- Pressure fill system for EPS beads
- PLC control cabinet with digital front panel
- Mould clamping by toggle lever system
- Reed contact limit switches
- For example: cups productivity on 6 oz. cup 7000 cups / h

### SPECIFICATIONS

- Steam pressure min 7 bar
- Steam consumption 350 - 400 kg / h
- Steam connection 1 1/2 "
- Cooling water pressure min. 4 - 4.5 bar
- Cooling water temperature 35 - 40°C
- Cooling water flow at 4 bar 4 - 4.5 liter / sec
- Cooling capacity 194 kW
- Cooling water connection 1 1/2"
- Air pressure min. 7 bar
- Air consumption 1 - 1.5 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 2216 / 4016

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

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