

THW 3510

**THERMOWARE** **TW**  
PARTICLE FOAM MACHINERY

# Thin-wall particle foam cup moulding machine



For now and in the future

# Thin-wall particle foam moulding machine



This versatile and robust moulding machine has never been beaten as the first original horizontal dry-moulding machine in the market. The THW 3510 works with moulds for a wide range of applications in various industries. For example: it can hold up to 10 cup moulds, but can also be equipped with various moulds for containers, dishes, plates, trays and other small parts. The desired moulds are developed by our experts and produced in our own factory.

## Thin-wall particle foam moulding machine THW 3510

### TECHNICAL DATA

- Footprint:  
L x W x H mm: 1720 x 1750 x 2200 mm  
Total weight: 1850 kg
- Automatic horizontal moulding machine for cups, food trays, containers and packaging.
- Max. mould-plate area 1500 x 300 mm.
- Max. mould positions 10 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: cup productivity up to 4500 cups / h

### SPECIFICATIONS

- Steam pressure min. 7 bar
- Steam consumption 250 - 300 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 3 - 3.5 ltr / sec
- Cooling capacity 157 kW
- Cooling water connection 1 1/2"
- Air pressure min. 7 bar
- Air consumption 0.8 - 1.0 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 2260

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

**THERMOWARE**   
PARTICLE FOAM MACHINERY

**Thermoware Particle Foam Machinery B.V.**

Voltastraat 17 | 3771 RX Barneveld | The Netherlands | T: +31 342 490 899 | E: info@thermoware.com | I: www.thermoware.com

### DISCLAIMER

The conditions of this disclaimer apply to all our brochures. By using the information provided in the brochures, you agree to the applicability of this disclaimer. The information in this brochure is composed and maintained by Thermoware with constant care and attention and is exclusively intended as general information. No rights whatsoever can be derived from this information. Thermoware does not accept any liability for damage that in any way results from the use of the information in this brochure, or from the incompleteness and/or inaccuracy of the information provided on the brochure. No part of this publication may be copied and/or distributed without written permission from Thermoware.