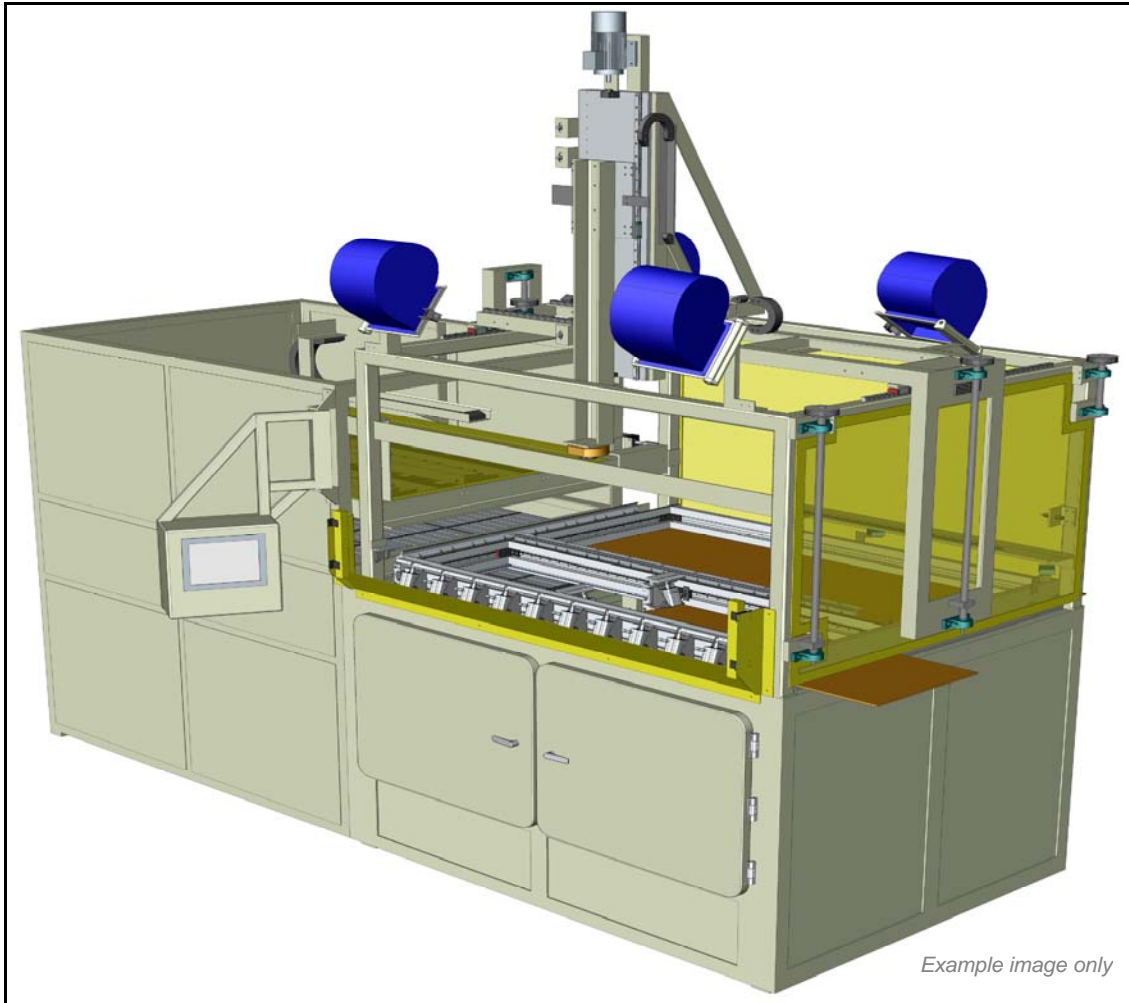


**HT-23-06
HORIZONTAL THERMOFORMER**



Example image only

MACHINE SPECIFICATION

ELEMENT	SPECIFICATION														
Machine Capabilities	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Maximum product size:</td> <td style="text-align: right; padding: 2px;">2000 x 2000mm</td> </tr> <tr> <td style="padding: 2px;">Maximum forming aperture:</td> <td style="text-align: right; padding: 2px;">2014 x 2014mm</td> </tr> <tr> <td style="padding: 2px;">Minimum forming aperture:</td> <td style="text-align: right; padding: 2px;">711 x 500mm</td> </tr> <tr> <td style="padding: 2px;">Maximum tool height:</td> <td style="text-align: right; padding: 2px;">700mm</td> </tr> <tr> <td style="padding: 2px;">Maximum tool push through:</td> <td style="text-align: right; padding: 2px;">250mm</td> </tr> <tr> <td style="padding: 2px;">Maximum sheet thickness:</td> <td style="text-align: right; padding: 2px;">8mm</td> </tr> <tr> <td style="padding: 2px;">Cycles per hour (4mm cast acrylic):</td> <td style="text-align: right; padding: 2px;">12 cycles</td> </tr> </table>	Maximum product size:	2000 x 2000mm	Maximum forming aperture:	2014 x 2014mm	Minimum forming aperture:	711 x 500mm	Maximum tool height:	700mm	Maximum tool push through:	250mm	Maximum sheet thickness:	8mm	Cycles per hour (4mm cast acrylic):	12 cycles
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Machine Construction	Main frame: Casing: Paint finish:	Rolled steel sections – BS EN 10025 material Sheet steel – BS EN 10025 material Textured powder coating
Clamping Bars	Material: Adjustment:	Extruded aluminium profile – Armour design By precision linear slides & make up pieces
Heating System	Front & rear banks of quartz infra-red heating elements Element size: Element power: Total elements per heater bank: Element distribution: Number of heating zones: Zone control: Maximum power rating:	247 x 62mm 400W 216 8 wide x 27 deep 216 (each containing 1 top & 1 bottom element) Software controlled Power: 0 – 100% in 5% increments 172.8kW
Mould Table Movement	By hydraulic power through mechanical gearing Power-pack motor rating: Maximum pressure:	3kW 3000psi
Vacuum System	Vacuum pump motor rating (when supplied): Vacuum pump flow rate:	5.5kW 250m ³ /hr
Product cooling	By cooling fans with directional adjustment Number of fans: Fan motor rating: Fan flow rate:	6 150W 425m ³ /hr
Mould Heating Facility	Power rating (when supplied): On/Off timer from control system	9kW
Control System	PLC controlled sequence. Touch screen user interface. Modem for remote diagnostic interrogation.	
Compressed Air	Minimum pressure: Dry filtered supply	5.5 Bar
Electricity	3 Phase supply + Neutral + Earth: Maximum power consumption:	380/415V @ 50Hz 212kW

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