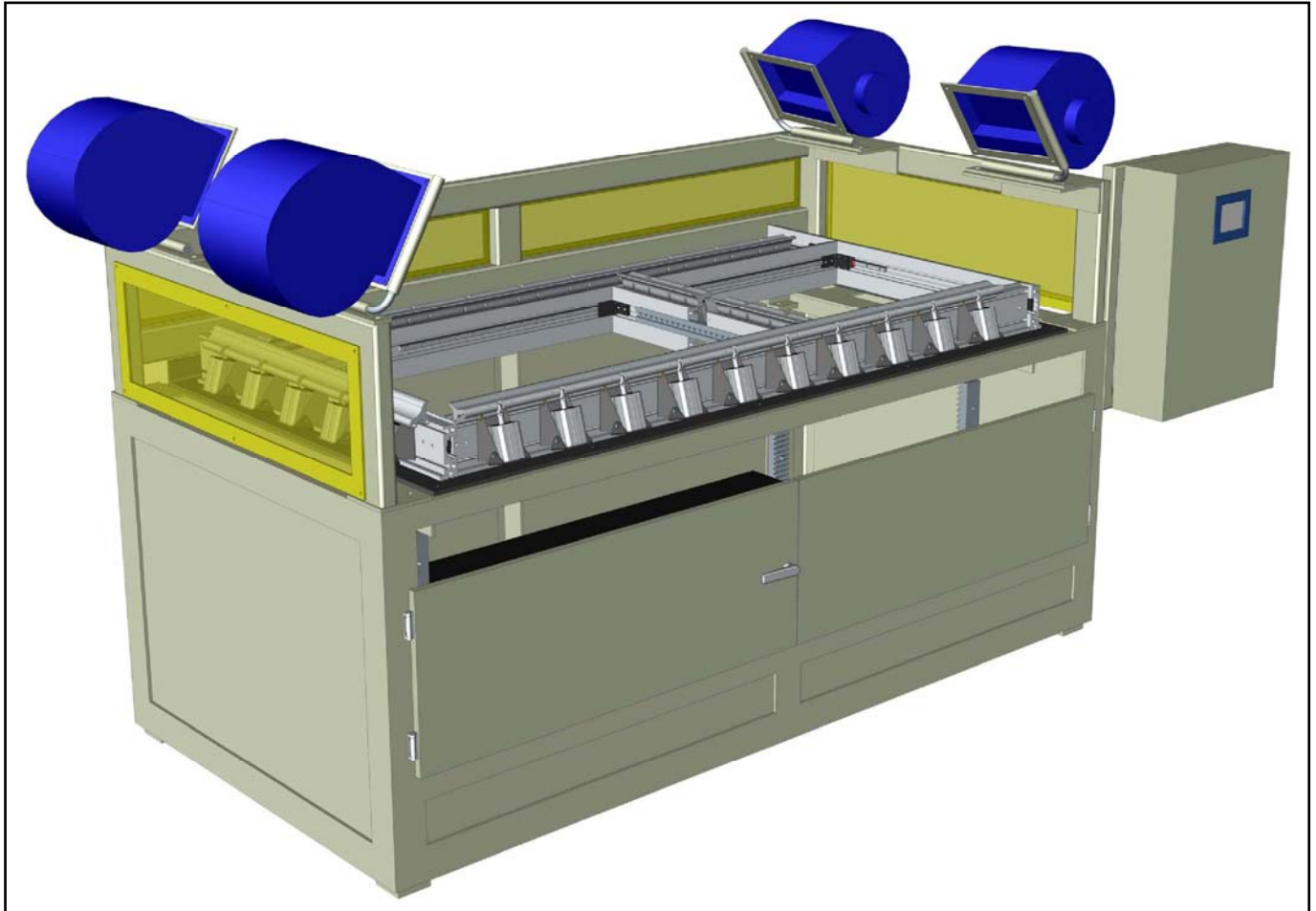


UV-23-06 UNIVERSAL VACUUM FORMER



MACHINE SPECIFICATION

ELEMENT	SPECIFICATION																
Machine Capabilities	<table border="0"> <tr> <td>Maximum product size:</td> <td>2000 x 2000mm</td> </tr> <tr> <td>Maximum forming aperture:</td> <td>2014 x 2014mm</td> </tr> <tr> <td>Minimum forming aperture:</td> <td>711 x 500mm</td> </tr> <tr> <td>Maximum tool height:</td> <td>600mm</td> </tr> <tr> <td>Maximum tool push through:</td> <td>250mm</td> </tr> <tr> <td>Maximum sheet thickness:</td> <td>8mm</td> </tr> <tr> <td>Cycles per hour (4mm cast acrylic):</td> <td>12 cycles</td> </tr> <tr> <td>Output (aluminium mould & 4mm cast acrylic):</td> <td>12 products per hour</td> </tr> </table>	Maximum product size:	2000 x 2000mm	Maximum forming aperture:	2014 x 2014mm	Minimum forming aperture:	711 x 500mm	Maximum tool height:	600mm	Maximum tool push through:	250mm	Maximum sheet thickness:	8mm	Cycles per hour (4mm cast acrylic):	12 cycles	Output (aluminium mould & 4mm cast acrylic):	12 products per hour
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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
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:	3kW 165m ³ /hr
Product cooling	By cooling fans with directional adjustment Number of fans: Fan motor rating: Fan flow rate:	4 or 6 dependent on spec 150W 425m ³ /hr
Mould Heating Facility	Power rating (when supplied): On/Off timer from control system Cold water supply required	9kW
Control System	PLC controlled sequence. Touch screen user interface. Two-hand start for safe operation. Programmable sequence parameters.	
Compressed Air	Minimum pressure: Dry filtered supply	5.5 Bar
Electricity	3 Phase supply + Neutral + Earth: Maximum power consumption:	380/415V @ 50Hz 16kW

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