

Formech 686

Floor Standing Vacuum Forming Machine

Featuring a power table, Formech's 686 makes light work of the most demanding applications. Pre-stretch provides a more uniform material thickness for deep moulds whilst auto-level signals to the user the material is ready to form. Rapid response quartz heaters with 6 independently

controllable zones provides accurate heat control for consistent, high definition results. Intuitive colour touch screen interface and 20 nameable presets provide ultimate user convenience and ease of use.



Key Features

- PLC Control with 5" Colour Touch Screen Control
- 20 Programme Memory
- Quartz Heaters with Variable Standby
- 6 Independently Controllable Heating Zones
- Pneumatic Table
- Pre-stretch
- Auto-level
- Vacuum Gauge
- Vacuum Flow Regulator
- Dry Rotary Vane Pump 16m3/h

Options

- Reducing Windows
- Cooling Fan System
- Reel Feed
- Heating Pyrometer
- Cooling Bolster
- Mobility with Castors
- Vacuum Receiver Tank
- Table/heater interlock key
- Spare Parts Kit

Technical Specifications

Forming Area (mm / inches)		Sheet Size (mm / inches)		Max Depth of Draw	Max Material Thickness	Heating Zones	Heater Type	
646 x 620mm / 25.5 x 24.5"		686 x 660mm / 27 x 26"		320mm / 12.6"	6mm / 0.25" ⁽¹⁾	6	Quartz	
Width	Height	Depth	Weight	Single Phase Power Requirements	Europe – 3 Phase Power Requirements	USA – 3 Phase Power Requirements	Power Consumption	Air Requirements
960mm / 37.8"	1165mm / 45.9" ⁽²⁾	1932mm / 76.1"	260kg / 573lbs	208-240V / 40A	380-415V / 32A	208-220V / 40A	8.0kW	87 PSI / 6 bar

⁽¹⁾ certain materials over 4mm thick may require turning the sheet mid-cycle
⁽²⁾ height does not include cooling fan assembly

Formech 686 customers include:

- Brunel University (Education – UK)
- Domus Academy (Education/Design – Italy)
- Lockheed Martin (Aerospace – USA)
- RAF (Royal Air Force – UK)
- Mechachrome (Automotive – France)
- Raytheon (Defence R&D – UK)
- Revision Military (Defence R&D – USA)
- Xerox (R&D – USA)
- Jim Marshall Speakers (Prototyping – USA)
- Neurospin (Neuroimaging research – France)
- Microsoft (Electronics – USA)
- Google (Electronics – USA)
- Milan Cerny - Sklotex Plasty (Trade Former – Czech Republic)
- Polyfoam Kautschuk GmbH (Trade former – Germany)
- Biofire Defense (Hospital & Medical – USA)
- Chuck Steel Ltd (Film & Video – UK)

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