

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
- Power Table
- Pre-Stretch
- Auto-level
- Vacuum Gauge
- Dry rotary vane pump 16m³/HR

Options

- Reducing windows
- Pyrometer
- Cooling fan system
- Cooling Bolster
- Reel Feed
- 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"	325mm / 12.8"	Sheet: *6mm / 0.25" Reel: 1.8mm/0.07"	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"	1170mm / 46.1"	1800mm / 70.9"	260kg / 573lbs	208-240V / 40A	380-415V / 32A	208-220V / 40A	8.0kW	80 PSI / 5 bar

*certain materials over 4mm thick may require turning the sheet mid-cycle

Formech 686 customers include:

- Brunel University (Education – UK)
- Domus Academy (Education/Design – Italy)
- Lockheed Martin (Aerospace – USA)
- RAF (Royal Air Force – UK)
- Skoda (Automotive – Czech Republic)
- 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)
- Kaleidoscope (Prototype Packaging – USA)
- Biofire Defense (Hospital & Medical – USA)
- Chuck Steel Ltd (Film & Video – UK)

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