

# 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
- Cooling Fan System
- Reel Feed
- Heating Pyrometer
- Cooling Bolster
- Vacuum Flow Regulator
- Mobility with Castors
- Vacuum Receiver Tank
- 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"	*6mm / 0.25"	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"	1932mm / 76.1"	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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