

# 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

### Options

- Reducing windows
- 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
945mm / 37"	1280mm / 50.4"	1900mm / 74.8"	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)
- Wild Blue Tech – (Design – USA)
- Jim Marshall Speakers – (Prototyping – USA)
- Neurospin (Neuroimaging research – France)

For more information and product videos [formech.com](http://formech.com)