

# Formech 1372

## Large Format Vacuum Forming Machine

A popular choice for film and theatre set designers, universities, automotive and aerospace R&D departments the 1372 offers a powerful combination of large forming area and wide forming capabilities at a very attractive price. An extensive range of options

including automation, heating, cooling, control and vacuum reservoir marks the 1372 as a highly versatile and adaptable machine. A heating zone and control upgrade facilitate precise heating profiles suited to advanced engineering plastics.



### Key Features

- PLC Control with 7" Hi-res Touch Screen
- FCV® (Formech Cycle View) with 40 Programme Memory
- Quartz Heaters with Variable Standby
- 15 Independently Controllable Heating Zones
- Power Table
- Table Height Adjust
- Pre-stretch
- Auto-level
- Vacuum and Pressure Gauges
- Dry Rotary Vane Pump 25m<sup>3</sup>/HR

### Options

- Reducing Windows
- Twin Cooling Fan System
- Heating Pyrometer
- Cooling Bolster
- Vacuum Flow Regulator
- Pneumatic Trigger Clamps
- Multi User Pin Access Control
- Reel Feed
- Spare Parts Kit
- SA – Semi-Auto Package
- HP – High Performance Package
- VT – Vacuum Tank Package

### Technical Specifications

Forming Area (mm / inches)			Sheet Size (mm / inches)		Max Depth of Draw	Max Material Thickness	Heating Zones	Heater Type
1330 x 620mm / 52.4 x 24.5"			1372 x 660mm / 54 x 26"		420mm / 16.5"	*6mm / 0.25"	15	Quartz

Width	Height	Depth	Weight	Single Phase Power Requirements	Europe – 3 Phase Power Requirements	USA – 3 Phase Power Requirements	Power Consumption	Air Requirements
2144mm / 84.4"	1320mm / 52"	2099mm / 82.6"	600kg / 1323lbs	n/a	380-415V / 40A	208-220V /63A	17.0kW	80 PSI / 5 bar

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

### Formech 1372 customers include:

- Bristol University (Education – UK)
- Ecole Superior Aveiro Norte (Education – Portugal)
- Orange Coast College (Education – USA)
- EPFL (Education – Switzerland)
- Expressway Graphic Corp (Sign maker – Puerto Rico)
- Disney (Set/Prop design – France)
- Science Museum (Set/Prop Design – UK)
- Helsinki Royal Opera House (Set/Prop Design – Finland)
- VW Group (Automotive – Germany)
- Ford Motor Company (Automotive R&D – USA)
- Tesla Motors (Automotive R&D – USA)
- Hindustan Aeronautics (Aerospace R&D – India)
- Walt Disney (Theatre & Drama – USA)

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