

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 25m3/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)

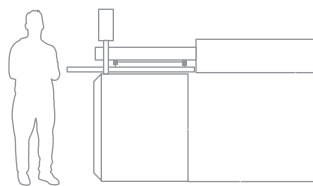
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Formech 1250/1500

Semi-Automatic, Large Format Vacuum Forming Machines

Featuring the intuitive 'FCV' (Formech Cycle View) user interface with a 7" touch-screen, the large sheet format 1250/1500 series is particularly well suited to automotive and aerospace R&D, sign and display applications and film & theatre set design. Electric heater drive, pneumatic table and clamping provides effortless operation, whilst the vacuum tank system

fitted as standard facilitates ultra-fast response for demanding applications and fast cycle times. Designed to utilise sheet sizes of 1220 x 1220mm or 1250 x 1250mm (1250) / 1500 x 1000mm (1500), Formech's 1250/1500 series affords the operator a hands on approach versus more costly and fully guarded automatic machines.



Key Features

- PLC Control with 7" Hi-res Touch Screen
- FCV® (Formech Cycle View) with 40 Programme Memory
- Quartz Heaters with Variable Standby
- 25 (1250) / 18 (1500) Independently Controllable Heating Zones
- Electric Heater Drive
- Pneumatic Trigger Clamps
- Power Table
- Table Height Adjust
- Pre-Stretch
- Auto-level
- Vacuum Receiver Tank
- Vacuum Gauge
- Twin Cooling Fans
- Oil Filled Rotary Vane Pump 21m³/HR

Options

- Reducing Windows
- Heating Pyrometer
- Cooling Bolster
- Vacuum Flow Regulator
- Multi User Pin Access Control
- Spare Parts Kit

Formech 1250/1500 customers include:

- KKTM Technical College (Education – Malaysia)
- Big Apple Visual Group (Sign making / Displays – USA)
- US Candy Network (Netherlands)
- Adornos (Sign making / Displays – Spain)
- Jurgen Ahrberg (Sign Making / Displays – Germany)
- Bolshoi Ballet Moscow (Theatre Set Design – Russia)
- Helsinki Theatre (Theatre Set Design – Finland)
- Carnival Arts (Set Design – UK)
- Toyota Europe (Automotive R&D – France)
- Strongs Plastic Products (Automotive R&D - UK)
- BE Aerospace (Aerospace R&D / Production – Ireland)
- JCB Aero (Aerospace Interiors – France)
- FirstBuild (Home Appliances – USA)
- Wybone Ltd (Building & Construction – UK)
- Embraer (Aerospace – USA)

> See reverse for Technical Specifications.

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Technical Specifications 1250

Forming Area (mm / inches)	Sheet Size (mm / inches)	Max Depth of Draw	Max Material Thickness	Heating Zones	Heater Type
1180 x 1180mm / 46.5 x 46.5"	1220 x 1220mm / 48 x 48" 1250 x 1250mm / 49 x 49"	600mm / 23.5"	*6mm / 0.25"	25	Quartz

Width	Height	Depth	Weight	Single Phase Power Requirements	Europe – 3 Phase Power Requirements	USA – 3 Phase Power Requirements	Power Consumption	Air Requirements
2113mm / 83.2"	2200mm / 86.6"	3278mm / 129"	1050kg / 2315lbs	n/a	380-415V / 40A	208-220V / 68A	25.0kW	80 PSI / 5 bar

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

Technical Specifications 1500

Forming Area (mm / inches)	Sheet Size (mm / inches)	Max Depth of Draw	Max Material Thickness	Heating Zones	Heater Type
1460 x 960mm / 57.5 x 37.8"	1500 x 1000mm / 59 x 39.4"	600mm / 23.5"	*6mm / 0.25"	18	Quartz

Width	Height	Depth	Weight	Single Phase Power Requirements	Europe – 3 Phase Power Requirements	USA – 3 Phase Power Requirements	Power Consumption	Air Requirements
2413mm / 95"	2200mm / 86.6"	2876mm / 113.2"	950kg / 2094lbs	n/a	380-415V / 40A	208-220V / 68A	25.0kW	80 PSI / 5 bar

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

Formech 2440

Large Format Vacuum Forming Machine

Featuring intuitive 'FCV' (Formech Cycle View) user interface with a 10" touch-screen, Formech's 2440 represents a breakthrough in easy to use large format vacuum forming. Particularly well suited to Signage, Point of Sale, Film and Theatre Set Design, Automotive and Aerospace applications the 2440 provides ultra-fast response with energy efficient quartz heaters and accurate heat profiling with 48 zones. 400litre vacuum tank enables instantaneous vacuum for excellent definition with the most demanding applications whilst 4 high output fans provide rapid cooling to speed up cycle times.

40 nameable memory presets enable convenient recall of settings for each application. Electric heater drive with pneumatic table and pneumatically assisted clamping make light work of large applications, whilst the intuitive control system makes the 2440 highly approachable for operators of all skill levels.



Key Features

- PLC Control with 10" Hi-res Touch Screen
- FCV® (Formech Cycle View) with 40 Programme Memory
- Quartz Heaters with Variable Standby
- 48 Independently Controllable Heating Zones
- Electric Heater Drive
- Pneumatic and Manual Clamping
- Pneumatic Table with Rack and Pinion
- Table Height Adjust
- Pre-stretch
- Auto-level
- Vacuum Receiver Tanks (2x200l)
- Vacuum and Pressure Gauges
- Four Cooling Fans
- Oil Filled Rotary Vane Pump 40m³/hr

Options

- Reducing Windows
- Heating Pyrometer
- Cooling Bolster
- Vacuum Flow Regulator
- Multi User Pin Access Control
- Spare Parts Kit

Technical Specifications

Forming area (mm / inches)	Sheet Size (mm / inches)	Max Depth of Draw	Max Material Thickness	Heating Zones	Heater type
2380 x 1160mm / 93.7 x 45.7"	2440 x 1220mm / 96 x 48" 2500 x 1250mm / 98.4 x 49.2"	600mm / 23.6"	5mm / 0.20"	48	Quartz

Width	Height	Depth	Weight	Single Phase Power Requirements	Europe – 3 Phase Power Requirements	USA – 3 Phase Power Requirements	Power Consumption	Air Requirements
3600mm / 141.7"	2200mm / 86.7"	3450mm / 135.8"	1800kg / 3960lbs	n/a	380-415V / 50Hz / 80A	208-220V / 60Hz / 150A	52.0kW	100 PSI / 7 bar

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