# 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  $1220 \times 1220 \text{mm}$  or  $1250 \times 1250 \text{mm}$  (1250) /  $1500 \times 1000 \text{mm}$  (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.

For more information and product videos formech.com

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

 $<sup>^{\</sup>star}\text{certain}$  materials over 4mm thick may require turning the sheet mid-cycle

## **Technical Specifications 1500**

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

Width	Height	Depth	_	Single Phase Power Requirements	Europe – 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

 $<sup>\</sup>ensuremath{^{\star}}\xspace$  certain materials over 4mm thick may require turning the sheet mid-cycle

