

Formech 508FS

Floor Standing Vacuum Forming Machine

Formech's 508FS (Floor-Standing) machine offers significant advantages over the desktop series with pre-stretch, auto-level and a much more powerful flow rate for demanding applications. Pre-Stretch allows the user to blow a bubble of air into the heated material, which avoids thinning of material when forming deep shapes. Auto-Level pumps short bursts of

air into the heated plastic to maintain an even distance between the heater and sheet, whilst providing the user an audible indication that the material is ready to form. Intuitive, graphically driven touch-screen control with memory function makes the 508FS very easy to use, whilst powerful forming capabilities provide extensive project versatility.



Key Features

- PLC control with 4" mono touch screen
- 12 Programme Memory
- Pre-Stretch
- Auto-level
- Quartz heaters with variable standby
- 4 independently controllable heating zones
- Vacuum & Release
- Vacuum Gauge

Options

- Reducing windows
- Cooling fan system
- 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
482 x 432mm / 19 x 17"	508 x 457mm / 20 x 18"	290mm / 11.5"	*6mm / 0.25"	4	Quartz

Width	Height	Depth	Weight	Single Phase Power Requirements	Europe – 3 Phase Power Requirements	USA – 3 Phase Power Requirements	Power Consumption	Air Requirements
597mm / 23.5"	1200mm / 47.25"	1100mm / 43.5"	125kg / 264lbs	208-240V / 20A	n/a	n/a	3.5kW	80 PSI / 5 bar

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

Formech 508FS customers include:

- University of Rochester (Education – USA)
- ETH Zurich (Education – Switzerland)
- KTH (Education – Sweden)
- University of the Arts London (Education – UK)
- University of Teeside (Education – UK)
- Universzita Tomase Bati ve Zline (Education – Czech Republic)
- Universidade do Minho (Education – Portugal)
- Tourbillon Patisserie (Chocolatier – France)
- Sodebo (Chocolatier – France)
- Harmac Medical Products (Medical – USA)
- Serco (Defence R&D – UK)
- Apple Inc (Prototyping/R&D – USA)
- Cyberdroid (Prototyping / R&D / Robotics – France)

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