

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. Intuitive, graphically driven touch-screen control

with memory function makes the 508FS very easy to use, whilst powerful forming capabilities provide extensive project versatility. Higher wattage Quartz heaters (vs. 508DT) further enhance the 508FS capability.



Key Features

- PLC Control with 4" Mono Touch Screen
- 20 Programme Memory
- Pre-stretch
- Auto-level
- Quartz Heaters with Variable Standby
- 4 Independently Controllable Heating Zones
- Vacuum & Release
- Vacuum Gauge
- Dry Rotary Vane Pump 10m3/h

Options

- Reducing Windows
- Cooling Fan System
- Reel Feed
- Starter Pack of Plastic
- Mobility with Castors
- Vacuum Receiver Tank
- Vacuum Flow Regulator
- 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" ⁽¹⁾	4	Quartz

Width	Height	Depth	Weight	Single Phase Power Requirements	Europe – 3 Phase Power Requirements	USA – 3 Phase Power Requirements	Power Consumption	Air Requirements
757mm / 29.8"	1140mm / 44.9" ⁽²⁾	1474mm / 58"	125kg / 275lbs	208-240V / 20A	n/a	n/a	4.2kW	87 PSI / 6 bar

⁽¹⁾ certain materials over 4mm thick may require turning the sheet mid-cycle

⁽²⁾ height does not include cooling fan assembly

Formech 508FS customers include:

- University of Rochester (Education – USA)
- ETH Zurich (Education – Switzerland)
- KTH (Education – Sweden)
- University of the Arts London (Education – UK)
- Universidade do Minho (Education – Portugal)
- Tourbillon Patisserie (Chocolatier – France)
- Sodebo (Food Industry – France)
- Harmac Medical Products (Medical – USA)
- Serco (Defence R&D – UK)
- Apple Inc (Prototyping/R&D – USA)
- University of Nottingham (Education – UK)
- Blackhawk Industrial (R&D – USA)
- Airborn (Packaging – USA)
- Ligier Group (Automotive – France)

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