

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 under 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. 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/HR

Options

- Reducing Windows
- Cooling Fan System
- Reel Feed
- Starter Pack of Plastic
- Mobility with Castors
- Vacuum Receiver Tank
- 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
757mm / 29.8"	1140mm / 44.9"	1474mm / 58"	125kg / 275lbs	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)
- University of Nottingham (Education – UK)
- PT Kawan Lama Sejahtera (Education – Indonesia)
- Blackhawk Industrial (R&D – USA)
- Airborn (Packaging – USA)
- Ligier Group (Automotive – France)

For more information and product videos formech.com