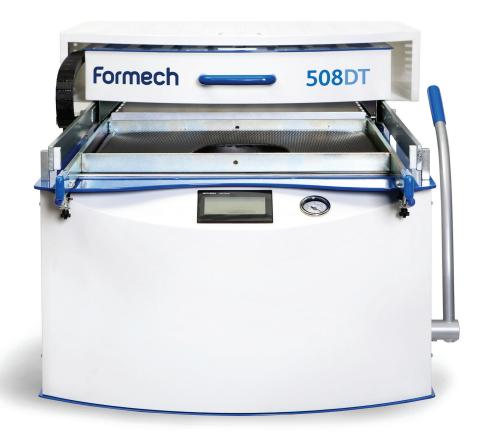
Desktop Vacuum Forming Machine

Featuring PLC touch screen control, Formech's plug and play 508DT is a user friendly desktop machine with the power and capability to form demanding shapes and materials. Rapid, energy efficient quartz heaters with variable standby means the 508DT is ready to form in

less than 5 minutes. 20 programme memory to recall heater profile and timing settings for each project. A dedicated trolley option provides a minimal footprint with the convenience of portability and optimum working height.



Key Features

- PLC Control with 4" Mono Touch Screen
- 20 Programme Memory
- Quartz Heaters with Variable Standby
- 4 Independently Controllable Heating Zones
- Safety Interlock
- Vacuum & Release
- Vacuum Gauge

Options

- Vacuum Receiver Tank
- Dedicated Trolley
- Reducing Windows
- Reel Feed
- Spare Parts Kit

Technical Specifications

Forming Area (mm / inches)	Sheet Size (mm / inches)		Max Material Thickness	Heating Zones	Heater Type
482 x 432mm / 19 x 17"	508 x 457mm / 20 x 18"	185mm / 7.3"	*6mm / 0.25"	4	Quartz

Width	Height	Depth	_	Single Phase Power Requirements	Europe – 3 Phase Power Requirements		Power Consumption	Air Requirements
720mr	m / 538mm /	1394mm /	100kg /	208-240V / 13A	n/α	n/a	3.2kW	n/a
28.4"	21.2"	54.9"	220lbs					

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

Formech 508DT customers include:

- Central St. Martins (Education UK)
- Yale University of Architecture (Education and Model Making USA)
- Decathlon (Sports apparel R&D France)
- Nike (Sports apparel R&D USA)
- Reebok (Sports apparel R&D USA)
- Under Armour (Sports apparel R&D USA)
- Hershey Chocolate (Chocolatier USA)
- Aardman Animation (Film design UK)

- Siemens (Prototyping/R&D Italy)
- L'Oréal (Cosmetics France)
- LaserTag GmbH (Toy Makers Germany)
- Baumann Dental GmbH (Medical Germany)
- Fa. Edelmann (Tool makers Germany)
- Espada Almacenes (Packaging Spain)
- BDN Packaging Ltd (Packaging UK)
- Techniks Bvba (Chocolate & Confectionery Belgium)
- SAS Dupont (R&D France)

For more information and product videos formech.com

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

- Cooling Fan System
- Vacuum Receiver Tank
- Reducing Windows
- Reel Feed
- Spare Parts Kit

Technical Specifications

Forming Areα (mm / inches)	Sheet Size (mm / inches)		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	_	Single Phase Power Requirements	Europe – 3 Phase Power Requirements	USA – 3 Phase Power Requirements		Air Requirements
757mm / 29.8"	1140mm / 44.9"	1474mm / 58"	125kg / 275lbs	208-240V / 20A	n/a	n/α	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