

# Formech 450DT

## Desktop Vacuum Forming Machine

Our desktop models are the perfect first approach to vacuum forming. Easy to use, intuitive but yet very professional, they are the go-to models for creatives, hobbyists, students and chocolatiers.

Quiet and built-in vacuum system, energy efficient quartz heaters, safety interlock and Mono HMI operating interface for the bigger desktop models will help you achieve consistent formings.



### Key Features

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

### Options

- Reducing Windows
- Dedicated Trolley
- Reel Feed
- Starter Pack of Plastic
- Spare Parts Kit

### Technical Specifications

Forming Area (mm / inches)	Sheet Size (mm / inches)	Max Depth of Draw	Max Material Thickness	Heater Type	Heating Zones	Width	Height	Depth	Weight
430 x 280mm / 17 x 11"	450 x 300mm / 18 x 12"	160mm / 6.3"	*6mm / 0.25"	Quartz	4	639mm / 25.2"	525mm / 20.7"	986mm / 38.8"	75kg / 165lbs

Single Phase Power Requirements	Other Voltage (USA)	Power Consumption	Vacuum Pump Type	Pump Flow (SCFM @ 0 in. / 60Hz) (Pump flow m <sup>3</sup> / h @ 0mbar / 50Hz)"	Mould release method	Air Requirements
208-240V / 13A	110-120V / 15A	2.4kW (1.6kW USA)	Diaphragm	3.0 (4.9)	Pump exhaust	n/a

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

### Formech 450DT customers include:

- Seoul Foreign School (Education - Seoul)
- Ingeniería para Moldes y Maquinaria Ligera S.A.L. (Engineering - Spain)
- Istituto Istruzione Superiore Giulio Natta (Education - Italy)
- Flemming Dental Tec GmbH deal (Medical - Germany)
- Nestlé Espana (Food Industry - Spain)
- Denny Craft Mould (Chocolate & Confectionery - UK)
- The Kingston Academy (Education - UK)
- Maison Thiriet (Food Industry - France)
- CHB (Electronics - France)
- Thalès (Transportation & Defence - France)
- TDX - Thermodynamix Thermoforming Specialist Services Ltd deal (Thermoforming - UK)
- Vikiallo ApS (Industrial equipment - Germany)

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