

Formech 4824LF

Large Format Vacuum Forming Machine

The **Formech 4824LF** combines large format forming capability with precise process control in a versatile industrial vacuum forming machine. Designed around a **48" x 24" sheet size**, it's ideally suited to prototyping, product development, and low to medium volume production across automotive, aerospace, set and prop

design, point of sale, and other industrial applications. Its **15 independently controlled quartz heating zones**, touchscreen control, and wide range of forming features provide accurate, repeatable results across a broad selection of thermoplastic materials.



Key Features

- PLC Control with 7" Hi-res Touch Screen
- FCV® (Formech Cycle View) with 40 Program Memory
- Quartz Heaters with Variable Standby
- 15 Independently Controllable Heating Zones
- Pneumatic Table
- Table Height Adjust
- Pre-stretch
- Auto-level
- Vacuum and Pressure Gauges
- Vacuum Flow Regulator
- Pneumatic Trigger Clamps
- Multi User Pin Access Control
- Dry Rotary Vane Pump

Options

- Reducing Windows
- Twin Cooling Fan System
- Heating Pyrometer
- Cooling Bolster
- Spare Parts Kit
- VT – Package (Oil rotary vane pump and vacuum tank)

Technical Specifications

Forming Area (inches/mm)			Sheet Size (inches / mm)		Max Depth of Draw	Max Material Thickness	Heating Zones	Heater Type	
46.5" x 22.5" / 1180 x 571 mm			48" x 24" / 1219 x 609.5 mm		12.8" / 325mm	0.25" / 6mm ⁽¹⁾	15	Quartz	
Width	Height	Depth	Weight	Single Phase Power Requirements	USA – 3 Phase Power Requirements		Pump Capacity	Power Consumption	Air Requirements
70.6" / 1794mm	48.8" ⁽²⁾ / 1240mm	79.2" / 2013mm	1323lbs / 600kg	n/a	208-220V	63A	18 SCFM @ 60Hz	17.0kW	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

For more information and product videos formech.com