

See more info now at:

www.thermalpress.com/DualC-Series.asp

or

Call Us: 877-642-7100

### How the Thermal Press team will improve your business:

Founded in 1976, Thermal Press International is a leading provider of plastic assembly equipment, specializing in heat staking, heat sealing, and film welding solutions. With a customer-centric approach, the company delivers superior quality machines and manufacturing solutions, resulting in enhanced productivity, minimized downtime, and increased peace of mind for our customers.

#### Services Available:

- R&D Services
- Contract CNC Machining
- ▶ Process Development
- Design Engineering
- Calibration Services
- Medical Validation/ Qualifications

## **Customers Say:**

"I highly recommend Thermal Press whether you have a project that needs the extra effort to iron out some early kinks, or a fully developed process that needs to be implemented in an organized and efficient way." -Rich

-Rich Medical Mfg, Bay Area, CA

"Thermal Press knew ahead of time that our company was from a regulated industry (medical device) and therefore knew our strict requirements. I would recommend Thermal Press to any facility requiring precision heat staking equipment."

-Patrick Medical Device Mfg, Santa Barbara, CA

# **Port Sealer Thermal Press®**

The Dual C-Series Thermal Press is also known as the Port Sealer and is a variation of our popular C-Series machine. It is an excellent choice for large format applications, such as Medical Port Sealing and Medical Bag Welding projects.

The Port Sealer machine features a wide-open workspace with a dual C-Frame skeleton to allow for maximum clearance. It is built on its own machine base/cart with swivel casters (locking & leveling).

The Port Sealer provides the ability to set up and run multiple medical ports and plates utilizing convenient TPI standardized quick-change tooling for many bag-port configurations.

Our Thermal Press machines incorporate the latest technologies of integrated digital control and monitoring devices to consistently produce high-quality finished assemblies to maximize production line throughput and ROI.

Thermal Press is the industry leading standard in the engineering of robust precision machines and thermal assembly systems used for; heat staking, swaging, sealing, insertion, film/filter sealing/welding, heat seal connectors, hot bar soldering and many other precision thermal assembly processes.

# **Available Options:**

- Standardized Quick-change Tooling
- Servo-Actuator and Control
- Roll Feed Indexing Systems
- Part Loading and Unloading,
- Multiple Force Actuators
- Data Acquisition Packages
- OPCUA (SCADA) Packages





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### **SPECIFICATIONS:**

- Electrical:

(Standard) 220VAC (15A MAX) (Optional) 120VAC (15A MAX) (Custom) 220VAC (30A MAX)

- \*Pneumatic (MAX):

10-100 psi (0.7-7 bar), 2-4 SCFM

- Standard Stroke: 8 inches (200 mm)
- \*Throat Depth: 15.75 inches (400 mm)
- \*Column Height: 8+ inches (203+ mm)
- \*Force Output (MAX):

Model DC25 = 300 lbs (136 kgs) Model DC50 = 1000 lbs (450 kgs)

- \*Weight {est}: 250-325 lbs (114-148 kgs)
- \*Work Surface Requirements: 30" W x 32" D x 78" H
  - \* Specifications May Vary

### **FEATURES:**

- Open format Dual "C-Frame" Construction
- HMI Color Touchscreen (Operation & Setup)
- Recipe Storage via HMI Touchscreen
- HMI with multi-programmable USER/PW
- Integrated Digital PID Temperature Controls
- Integrated Timers & Linear Positional Data
- Programmable Process Parameter Alarms
- Programmable Digitally Controlled Motion
- OSHA, CE, NFPE, and NEC compliant
- Industry Leading 3 Year Warranty

\*Note: Thermal Presses are configured and delivered with application specific engineered tooling packages. Actual dimensions and details will vary, based upon the tooling and options included with the system. Thermal Press provides design reviews of the equipment and tooling packages, prior to the manufacturing of the equipment.

