



Thermal Press
The Original Thermal Press®

See more info now at:
www.thermalpress.com/WorkStations.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
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*

Multi-WorkStation System®

The Multi-WorkStation System by Thermal Press is engineered to be scalable, robust and easy to integrate. The Multi-WorkStation System can be installed into any automated production line. Each WorkStation can function as a standalone workcell or as part of a multi-operation assembly process. The Multi-WorkStation System utilizes a centralized common control cabinet.

The WorkStation concept is based upon our popular open-format C-Series. It features easy to integrate thruster-based machines with XY mount stages for easy and accurate alignment.

Thermal Press WorkStation systems utilize all of our quick-change tooling features and can accommodate all of our standard options and accessories.



Available Options:

- Quick-Change Tooling Packages
- Servo-Actuators & Controls
- Part Clamping Systems
- Vision and Inspection Systems
- Part Detection and Verification
- Part Loading & Unloading
- Extended Stroke Machine
- Data Acquisition Packages
- Integrated Load-Cell
- Extended Length Cable Runs

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 efficiencies and ROI.

Join an elite team today!
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Your Plastic Assembly Experts - Engineering Solutions since 1976!

Thermal Press International, Inc.

4555-A Las Positas Road, Livermore, CA 94551 USA





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SPECIFICATIONS:

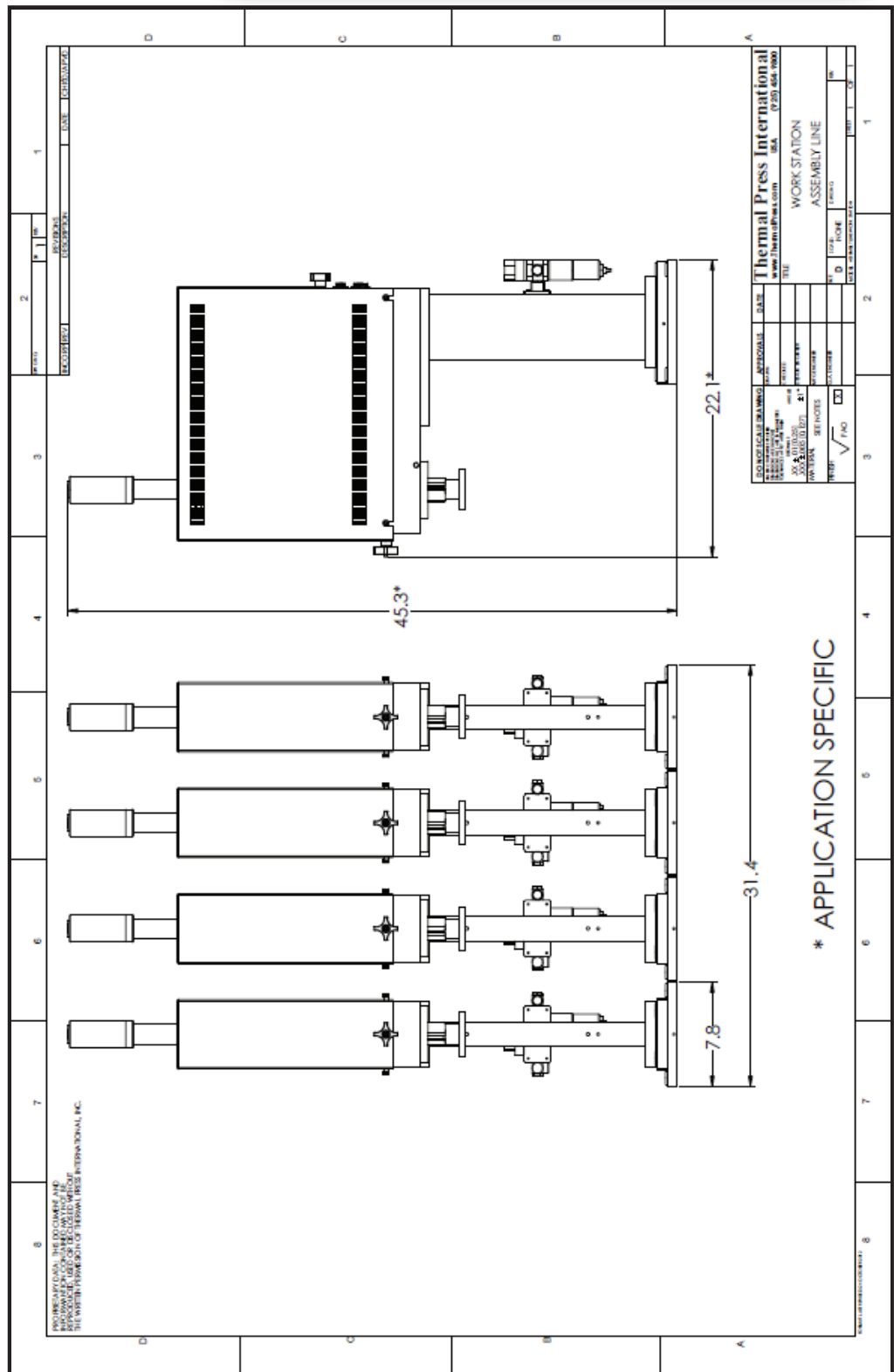
- *Electrical:
 (Standard) 220VAC (15A MAX)
 (Optional) 120VAC (15A MAX)
 (Custom) 220VAC (30A MAX)
- *Pneumatic (MAX):
 10-100 PSI (0.7-7 bar), 2-4 SCFM
- Standard Stroke: 4 inches (100mm)
- *Throat Depth: 7.5+ inches (190+ mm)
- *Column Height: 8+inches (203+ mm)
- *Force Output (MAX):
 Model WSM25 = 300 lbs (136 kgs)
 Model WSM50 = 1000 lbs (450 kgs)
- *Weight {est}: 80 lbs (36 kgs)/WorkStation
- *Work Surface Requirements:
 24" W x 32" D x 30" H

*** Specifications May Vary**

FEATURES:

- Multiple WorkStations with Control Cabinet
- Scalable for Multi-Workstations Installs
- X-Y Axis Mount Stages for easy Integration
- Open format "C-Frame" Construction
- Centralized Communication & Controls
- HMI with tiered programmable USER/PW
- Integrated Digital PID Temperature Controls
- Integrated Timers & Linear Positional Data
- Velocity Control for precise Travel Speed
- Various Tether Cable Lengths Available
- 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 specifications 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.



Your Plastic Assembly Experts - Engineering Solutions since 1976!