



# Thermal Press

The Original Thermal Press®

See more info now at:  
[www.thermalpress.com/H-Series.asp](http://www.thermalpress.com/H-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  
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."*

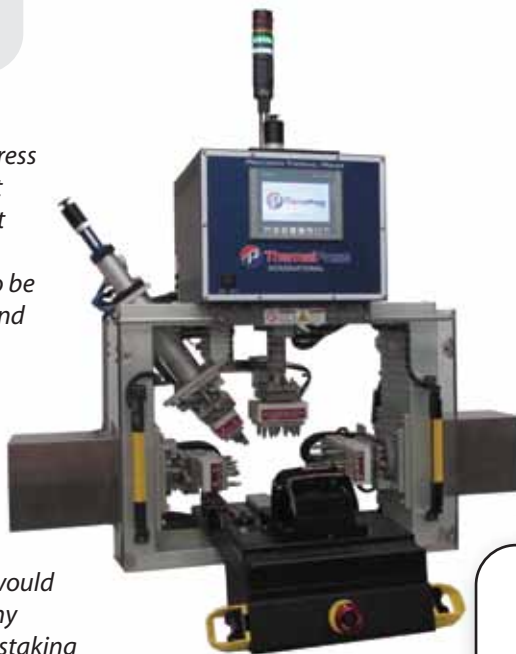
*-Patrick  
Medical Device Mfg, Santa Barbara, CA*

## H-Series Thermal Press®

The H-Series Thermal Press provides higher forces for more demanding applications. The stout H-frame design will maintain planarity even during very high forces applied throughout the machine's cycle. The H-Series Thermal Press will fit on a standard work bench.

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 assembly processes.



## Available Options:

- Quick-Change Custom Tooling Packages
- Servo-Actuators & Controls
- Part Clamping Systems
- Vision and Inspection Systems
- Part Detection and Verification
- Part Loading & Unloading
- Extended Stroke Machine
- Tables: Power, Linear & Pallet Transfer
- Data Acquisition & SCADA Packages
- Integrated Force/Output Measurement
- Advanced Roll Feed Systems
- Automation and Integration

Join an elite team today!  
**Call Us: 877-642-7100**  
[www.thermalpress.com/H-Series.asp](http://www.thermalpress.com/H-Series.asp)

**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:

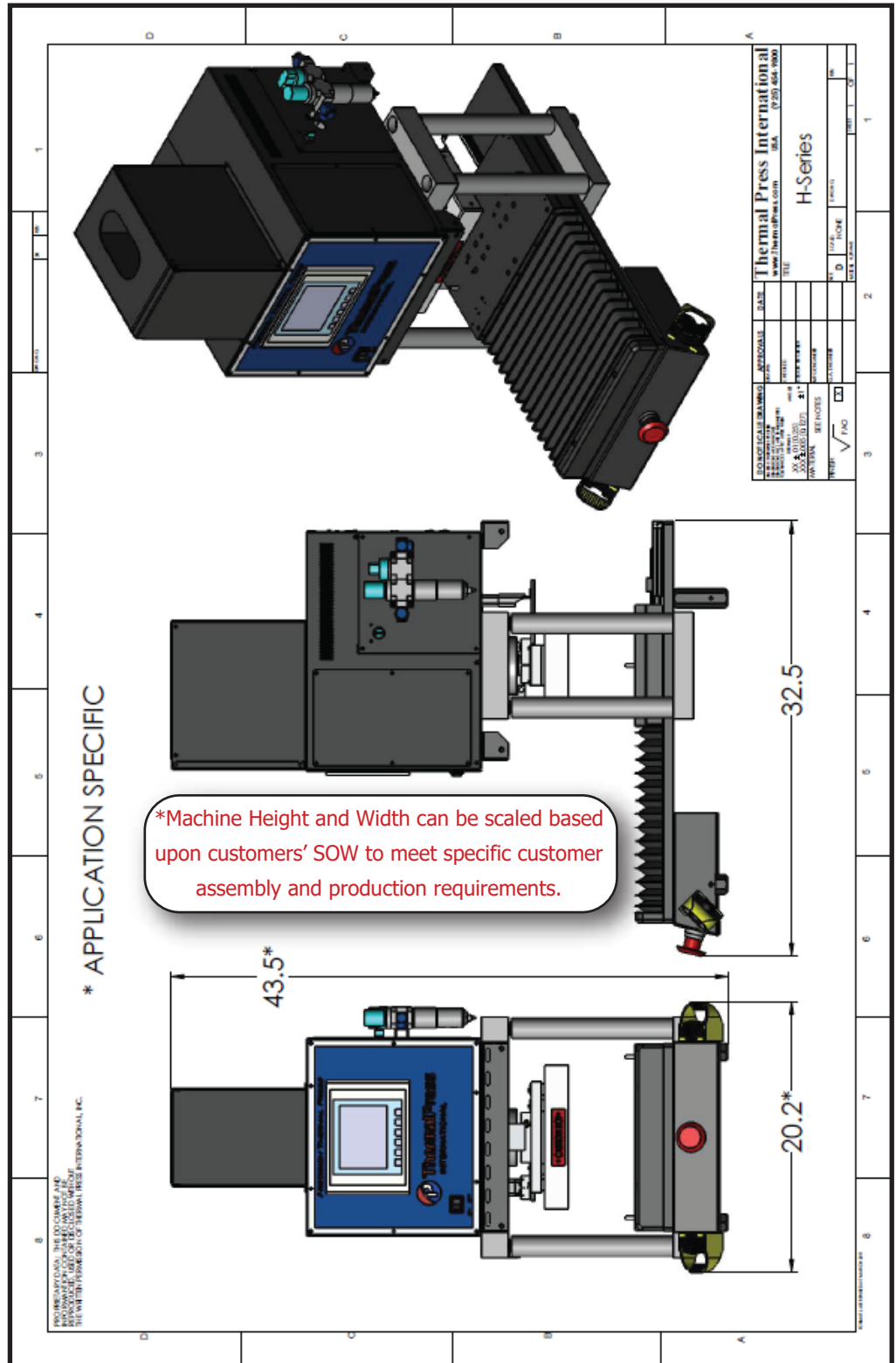
- \*Electrical:  
 (Standard) 220VAC (15A MAX)  
 (Optional) 120VAC (15A MAX)  
 (Custom) 220VAC (30A MAX)
- \*Pneumatic (MAX):  
 10 to 100 PSI (0.7-7 bar), 2-4 SCFM
- Standard Stroke: 4 inches (100 mm)
- \*Column Height: 10+ inches (250+ mm)
- \*Width: 20+ inches (508+mm)
- \*Force Output (MAX):  
 Model H50 = 3 tons (2722 kgs)
- \*Weight {w/o Tooling}: 220 lbs (100 kgs)
- \*Work Surface Requirements:  
 24" W x 33" D x 30" H

**\* Specifications May Vary**

## FEATURES:

- Rigid "H-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 Digital Motion Control
- 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.**



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