

THERMEX THERMATRON®

THERMAL INLINE PRESS SYSTEM

Thermex Thermatron, LP, the foremost name in industrial Microwave and Radio Frequency equipment, is pleased to present our latest addition – the **Thermatron Thermal Inline Press System**. Our recent innovation is versatile, rugged and dependable, and can be customized to your specific applications. With the ability to seal much larger areas than ultrasonic, our thermal press is ideal for heat sealing dissimilar materials not suitable for radio frequency processing.



Features:

- PLC with PC interface control monitors each of the four (4) stations
- Station 1: Unwind Stand
- Station 2: Hot Press
- Station 3: Automatic Indexer
- Station 4: Trimming Station

Common Uses: Welding and heat sealing thermoplastic and industrial coated materials such as nylon, polypropylene, polyethylene, and polyester

Let Us Build One For You



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SPECIFICATION HIGHLIGHTS:

UNWIND STAND	Holds four (4) rolls of material and four (4) rolls in reserve PLC monitored supply level with low and out of material sensors Lifting device to support up to 1,000 lbs. of rolled material Heavy duty frame with leveling screws Web guide alignment device Pneumatic dancer/relaxer system Air filter, water trap, lubricator and pressure regulator with gauge
HOT PRESS	Heavy duty air operated C-press Twin 1 ½" guide rod assemblies for accurate die positioning Delivers 8475 lbs. of force at 100-psi pressure. 30 x 30 heated aluminum bedplate – 150 degrees F maximum 30 x 30 heated aluminum upper platen – 500 degrees F maximum Four (4) position platen-leveling adjustments Heavy duty control relays Customizable number and layout of hole punches
AUTOMATIC INDEXER	Indexing function is PLC controlled Modular pneumatic clamp-carrier indexer Index stroke adjustable from 0" to 36" Index accuracy +/- 0.125 of an inch Three (3) mode operating switch – Index Only, Semi-Automatic, Full Automatic
TRIMMING	PLC controlled trimming station Modular pneumatic clamp-cutter 30" Guillotine

APPLICATIONS INCLUDE:

- Medical bags
- Waste collection bags
- Tents
- Awnings
- Vehicle covers
- Air or water mattresses
- Inflatables
- Medical cushion support
- Liners

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