

# New Large Size Pneumatic Heat Press Machine

## Features >>

- Pneumatic, Large-Size, Two Stations
- Fine Aluminium Heat Platen with Individual Plug-in Heat Tube
- More Accurate Temp. Control
- Lower Maintenance Cost
- Model No: PSTM-40/PSTM-48/PSTM-68 (32"x40"/40"x48"/48"x68")

Pluggable Heat Platens

## Describe

### Optimized for High-Volume Sublimation and Heat Transfer Applications

The ASTM Large Automatic Heat Press Machine by Microtec is the ideal solution for businesses seeking high-efficiency, large-scale production capabilities.

Designed with versatility, productivity, and quality in mind, this automatic, double station heat press machine is perfect for sublimation and heat transfer on a wide range of materials, including fabric, metal boards, wood, ceramic tiles, and promotional products.

Available in three size options – **80x100cm (32"x40")**, **100x120cm (40"x48")**, and **100x160cm (40"x64")**, the ASTM series offers flexibility to suit your business's production needs.

## Key Features of the ASTM Large Heat Press

- **Dual Working Stations:** The double station design allows for simultaneous operation on two different items, maximizing productivity and reducing turnaround time.
- **Pneumatic Operation:** Powered by an air cylinder, the pneumatic system provides consistent and powerful pressure, ensuring excellent heat transfer results every time. Perfect for handling thicker materials like wood, ceramic tiles, and metal boards.
- **Versatile Sizing Options:** With three available platen sizes (80x100cm, 100x120cm, and 100x160cm), the ASTM heat press is suitable for a wide range of applications, from small garments to large-scale projects.
- **Precision Control with GY-06 Digital Controller:** The digital time and temperature control panel allows precise settings for optimal results. Adjust temperature and time settings with ease to meet the specific requirements of different materials.

- **High-Volume Capability:** The ASTM series is designed for businesses with high output demands, making it an excellent choice for large-scale sublimation and heat transfer operations.
- **Color Fidelity:** The ASTM heat press excels in maintaining color accuracy, particularly when transferring designs onto delicate fabrics. It minimizes color variation, ensuring vibrant, long-lasting results.
- **Adjustable Pressure:** Easily adjustable pressure settings accommodate various materials and thicknesses, ensuring consistent and flawless transfers without damaging the substrate.
- **Durable Construction:** Built with a robust frame and high-quality components, the ASTM heat press ensures long-lasting, reliable performance. CE certified for safety and UL-certified spare parts guarantee quality and peace of mind.
- **Sublimation Expertise:** Ideal for transferring designs onto a wide range of substrates including garments, textiles, sportswear, flags, photo slates, and promotional items.



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### More Even Heat Distribution

Using fine aluminium heat platen, high density;  
Better and more even heat conductivity than  
sand-casting heat platen;

### Easy to maintain

Only need to replace the faulty heating  
tube instead of replacing the entire heat  
platen; Lower Maintenance Cost.



### Product Display >>



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## Why Choose the Microtec ASTM Large Heat Press?

- **Cost-Effective Solution:** The ASTM series offers competitive pricing, making it a cost-effective choice for businesses looking to invest in a high-quality, large-format heat press machine without breaking the bank.
- **Increased Productivity:** With dual working stations and pneumatic pressure, the ASTM machine reduces production time and enhances workflow efficiency, helping your business meet high-volume demands with ease.
- **Safety and Reliability:** Built with safety features and rigorous quality standards, including CE and UL certifications, the ASTM heat press ensures consistent results and minimal downtime.

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## Applications

The ASTM Large Automatic Heat Press Machine is suitable for a wide array of applications such as:

- Sublimation transfers on textiles (garments, sportswear, flags, and more)
- Printing on hard substrates like metal boards, ceramic tiles, photo slates, and wood
- Heat pressing promotional products like bags, caps, and more

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## Specifications

- **Machine Type:** Automatic, Double Station
- **Platen Size Options:** 80x100cm (32"x40"), 100x120cm (40"x48"), 100x160cm (40"x64")
- **Controller:** GY-06 Digital Time & Temp Control
- **Printable Articles:** Up to 20mm thickness

- **Air Compressor Required:** Yes
- **Voltage Options:** 220V 1phase / 220V 3phase / 380V 3phase
- **Power Options:** 5.1KW / 7.5KW / 9KW

Whether you're running a small-scale operation or a large production line, the **Microtec ASTM Large Heat Press Machine** provides a versatile, high-quality solution for all your sublimation and heat transfer needs.

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## Machine Warranty

### Microtec's Commitment to Customer Support

At Microtec, our primary goal is to ensure that our customers can carry out heat transfer activities seamlessly. To support this, we offer **FREE SPARE PARTS** with qualifying orders, alongside the following comprehensive guarantees:

- **Lifetime Technical Support** for all heat press machines.
- **Two-Year Warranty** on the machine.
- **Five-Year Warranty** on fusions and welds.
- **Five-Year Warranty** on the heating plate.
- **Six-Month Warranty** on heaters for cups, plates, and caps.

We are dedicated to providing long-term reliability and peace of mind for your heat transfer operations.