

Description

For large-scale production needs, the PSTM series sublimation heat press machine by Microtec stands as a formidable choice. As a leader in the realm of large format heat presses, the PSTM heat press offers versatility with three available sizes: 80x100cm (32"x40"), 100x120cm (40"x48"), and 120x170cm (48"x68"). With the added advantage of dual working tables, it significantly enhances your production capacity.

What sets the PSTM heat press machine apart is its evolution from the ASTM series. Notably, the **PSTM employs a finely crafted aluminum heat platen with individual plug-in heat tubes.** This innovative design contributes to superior temperature control and even heat distribution. Additionally, **maintenance is simplified**, as you can replace faulty heating tubes individually, rather than the entire heat platen.

Operating as a pneumatic press with an air cylinder, the PSTM heat press machine provides excellent pressure and heat transfer capabilities. While it occupies a middle-tier position in our pneumatic heat press lineup, it excels in minimizing color variation when transferring thin materials like cloth, especially when compared to our high-end XSTM heat presses. Moreover, the PSTM demonstrates remarkable proficiency in transferring thicker materials, including wood, ceramic tiles, photo slates, and more.

Distinguishing itself from the PSTM-S variant, the **PSTM heat press machine boasts a double working station**, elevating productivity for your business.

Rest assured, the safety and quality of our press machines adhere to stringent CE standards, ensuring continuous quality control. Additionally, all spare parts have received UL certifications, reinforcing our commitment to delivering reliable and safe equipment to our valued customers.



**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

Feature

The Microtec PSTM Large Heat Press Machine offers a range of attractive features that cater to the needs of large-scale production. Here are some of its standout features:

Three Size Options: Choose from three size options - 80x100cm (32"x40"), 100x120cm (40"x48"), and 120x170cm (48"x68") - to accommodate a variety of printing projects.

Individual Plug-In Heat Tubes: Utilizes a fine aluminum heat platen with individual plug-in heat tubes for even heat distribution and easy maintenance, as you can replace faulty heating tubes individually, reducing downtime and costs.

Dual Working Tables: Equipped with two working tables, it significantly enhances production capacity and workflow efficiency.

Pneumatic Operation: Operates as a pneumatic press with an air cylinder, ensuring consistent and powerful pressure for excellent heat transfer results.

Versatile Material Compatibility: Excellently transfers designs onto both thin materials like cloth and thicker materials such as wood, ceramic tiles, and photo slates.

ASTM Series Evolution: Builds on the success of the ASTM series, offering improved features and capabilities for large-format heat pressing.

Color Consistency: Minimizes color variation, making it ideal for applications where accurate color reproduction is crucial.

Safety Assurance: Complies with CE standards, ensuring permanent control of safety and quality, providing peace of mind to operators.



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

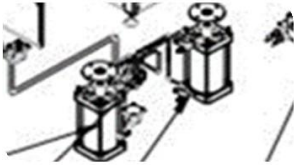
Only need to replace the faulty heating
tube instead of replacing the entire heat
platen; Lower Maintenance Cost.



GY-06 Digital Controller: Equipped with a digital control panel that allows you to set and adjust both temperature and time. This precise control is essential for achieving the best results with different materials and transfers.



Double Working Station: With two separate stations, allowing for simultaneous printing on two different items or locations. This feature significantly increases productivity.



Pneumatic Heat Press with Two Cylinders: That offer the higher pressure, ideal for sublimation metal boards, sportswear with good productivity and flexibility.



Individual Plug-In Heat Tubes: Utilizes a fine aluminum heat platen with individual plug-in heat tubes for even heat distribution and easy maintenance, as you can replace faulty heating tubes individually, reducing downtime and costs.



Advanced Heat Platen: Utilizes a fine aluminum heat platen with individual plug-in heat tubes for precise temperature control and even heat distribution.

Specification

Model No.	PSTM-40/ PSTM-48/ PSTM-68
Machine Type	Automatic, Double Station, Individual Plug-In Heat Tubes
Platen Size	32"x40"/40"x48"/48"x68" (80x100cm/100x120cm/120x170cm)
Controller	GY-06 Digital Time & Temp. Control
Printable Articles	Up to 20mm Thickness
Air Compressor Required	Yes
Voltage	220V 1phase/ 220V 3phase/ 380V 3phase
Power	5.1KW/ 7.5KW/ 9KW
Time Range	0-999 sec.
Maximum Temp.	225 C
Temperature Accuracy	±0.5%
High Pressure	8kg/cm
Packing Size	182x138x176/ 204x157x177/ 241x156x176cm
Net Weight	425kg/ 536kg/ 641kg
Gross Weight	604kg/ 764kg/ 900kg (Wooden Package)
Tips	Price include machine, 2pcs of teflon sheets, repair kits, not include air compressor (3HP)

Application

PSTM large format heat press machine is suitable for a wide range of applications, including heat transfers onto apparel, sportswear, flags, sublimation printing on textiles, and heat-pressing various promotional products and personalized gifts.



Application>

- Sports goods.
- Advertising, flags, banners, accessories.
- Large photos, posters.
- Transfer on Hard Substrate (ceramic, aluminium, plastic, wood...)
- Textile : home finishing, apparel, curtains...



A collection of heat-pressed promotional products including a small photo of two dogs, a 'Savannah' banner with flamingos, a mountain scene bag, purple patterned socks, a face mask with a logo, a roll of pink fabric, and a dark blue t-shirt with a large graphic and 'GONZALEZ #8'.



Lead Your Path to Heat Transfer Excellence





22 Year's Heat Press
Manufacture



28000m² Factory
280+ Staffs



CE/SGS/RoHS/UL
Certificate



2 Years Warranty
Lifetime Online
Support



100% Quality Control
Inspection



Constant R & D
Leading the Industry



Customized Service
Available



100+ Export
Countries

— **ADVANCED EQUIPMENTS** —

Robotic Arms & Laser Cutting Machines

Standardized Production Line

Higher Production Efficiency

Safer Working Environment

Highly Improved Machine Quality



– STRICT QUALITY CONTROL



100% QC Inspection:

Full black sublimation transfer printing for each unit of machine



Heat Platen Flatness:

Die-casting mould technology to ensure the heat platen flatness



Supercoiled Heater Technology:

Embedded heater windings throughout the entire platen for even heat distribution and fast heat up

MEET MICROTEC

Come and meet Microtec at global expos, such as FESPA, SGIA, ISA, Sign China.

You are also welcomed to visit our factory and office in China.

