

Description

When it comes to large-scale production, the ASTM series sublimation heat press machine by Microtec stands out as a competitive and cost-effective solution. Designed to meet the demands of high-volume operations, the ASTM heat press offers versatility and efficiency in three size options: 80x100cm (32"x40"), 100x120cm (40"x48"), and 100x160cm (40"x64"). With the added convenience of dual working tables, it maximizes your production capabilities.

The Microtec ASTM heat press machine is a pneumatic [auto heat press machine](#), ensuring optimal pressure and heat transfer results. While it falls within the mid-range of our pneumatic heat press lineup, the ASTM model excels in maintaining color fidelity when transferring delicate materials like cloth, in comparison to our high-end XSTM heat presses. However, where the ASTM truly shines is in its ability to flawlessly transfer thicker materials, such as wood, ceramic tiles, metal board, and more.

Distinguishing itself from the ASTM-S variant, the ASTM heat press machine features a double working station, enhancing productivity in your workspace.

Rest assured, the safety and quality of our heat press machines are of paramount importance. The ASTM series adheres to strict CE standards for continuous quality control, and all spare parts have received UL certifications to guarantee reliability and peace of mind for our customers.



Feature

Microtec ASTM Large Heat Press Machine offers a range of outstanding features designed to meet your sublimation and heat transfer needs efficiently.

Versatile Sizing: Choose from three size options - 80x100cm (32"x40"), 100x120cm (40"x48"), and 100x160cm (40"x64") - to suit your production requirements.

Dual Working Tables: Benefit from two working tables for increased productivity and seamless workflow management.

Pneumatic Operation: This heat press machine utilizes an air cylinder for consistent and powerful pressure, ensuring excellent heat transfer results.

Sublimation Expertise: Ideal for transferring designs onto various materials, including cloth, wood, ceramic tiles, photo slates, and more.

Color Accuracy: Maintains precise color fidelity, especially when transferring delicate materials like fabric, minimizing color variation.

High-Volume Capability: Tailored for large-scale productions, making it perfect for businesses with high output demands.

Cost-Effective: Offers an attractive price point, making it one of the most competitively priced large-format heat press machines in the market.

These features collectively make the Microtec ASTM Large Heat Press Machine a top choice for businesses seeking cost-effective, high-quality, and versatile solutions for their sublimation and heat transfer needs.



GY-06 Touch Screen 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.



Adjustable Pressure: You can easily adjust the pressure settings to accommodate various materials and thicknesses, ensuring that the heat transfer adheres correctly without damaging the fabric or substrate.



Sturdy Construction: The machine is typically constructed with a durable frame and high-quality components, ensuring long-lasting performance and reliability.

Specification

Model No.	ASTM-40/ ASTM-48/ ASTM-64
Machine Type	Automatic, Double Station
Platen Size	32"x40"/ 40"x48"/ 40"x64" (80x100cm/ 100x120cm/ 100x160cm)
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	168x138x176/ 188x157x177/ 227x156x176cm
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)

Pneumatic Large Format Dual-Station Heat Transfer Machine

Heat Platen Size: 80x100cm, 100x120cm, 100x160cm

The ASTM series is high performance large format pneumatic heat presses system with significant working space for transferring high quality images onto a variety of substrates with ease. The ASTM combines a heavy-duty industrial grade solid steel frame with precise and easy to use electronics providing the best possible features for a variety of heat transfer applications.



Application:

Transfer high quality images onto a variety of media - any size!
Ideal for printing on t-shirts, apparel and harder to print sizes.



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Features:

- 80x100cm, 100x120cm, 100x160cm Available
- Automatic Air Operated Pressing
- Double Location Design for Saving Working Time
- Integrated Tube Technology for Even Distributed Heating
- Digital Time & Temperature Controls
- Easy Shuttle Operation
- Laser-quality Iron framework
- Voltage: 220V 1phase/ 220V 3phase/ 380V 3phase

More Choice:



Pneumatic Large Format Draw-out Heat Press
Item No.: APHD-40
Heat Platen Size: 75x105cm



Pneumatic High Pressure Draw-out Heat Press
Item No.: APD-20/24
Heat Platen Size: 40x50/40x60cm



Pneumatic Double Location Shuttle Heat Press
Item No.: APDS-15/20
Heat Platen Size: 38x38/40x50cm



Semi-automatic Manual Large Heat Press
Item No.: STM
Heat Platen Size: 60x80cm, 80x100cm, 100x120cm, 100x140cm

Application

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



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 custom-printed items demonstrating the machine's capabilities:

- A banner with a tropical theme featuring pink flamingos and the word "Savannah" in cursive.
- A tablecloth with a green and white mountain landscape design.
- A pair of purple socks with a yellow and white pattern.
- A yellow face mask with a colorful pattern.
- A roll of pink and white striped fabric.
- A large dark blue t-shirt with a stylized graphic of a palm tree and the text "GONZALEZ #8" in red.