



MULTI-STATION

thermal transfer cup machine M15



Reliable
Quality



Strong
Durable



PLC Precise
Control



Fully
automated



Fully Automatic Mug Printing Solution for the On-Demand (POD) Market

Our **15-Station Robotic Auto Mug Heat Press** revolutionizes the heat transfer industry with its fully automated workflow, tailored for the fast-paced demands of the print-on-demand (POD) market.

Powered by advanced robotics and intelligent control systems, this machine seamlessly handles mug feeding, positioning, heating, pressing, and cooling—all without manual intervention. With flexible batch modes (5/10/15 mugs per cycle), it maximizes productivity while slashing labor costs, making it ideal for both small custom orders and high-volume production.

Key Features

End-to-End Automation

- **Robotic Mug Gripper:** Precision handling ensures zero damage and consistent results.
- **Mug Feeding & Discharge Conveyors:** Automated loading/unloading reduces labor dependency.
- **Mug Positioning Sensor:** Millimeter-level accuracy eliminates misalignment.

Advanced Heating Technology

- **Independent Heating Stations:** Customizable temperature control per mug for diverse materials.
- **Bottom Heating Assembly:** Ensures 360° uniform heat distribution for vibrant, long-lasting prints.

Smart Control & Safety

- **PLC Control Panel:** Intuitive touchscreen interface with preset modes for quick setup.
- **Gripper Pressure Regulating Valve & Filter:** Adjustable pressure for varied mug shapes.
- **Emergency Stop System:** Instant shutdown for operational safety.

Scalability & Flexibility

- **5/10/15-Station Modes:** Dynamically adjust capacity to match order demands.
- **Movable Casters:** Easy relocation for multi-environment setups.
- **Rapid Cooling System:** Reduces cycle time for faster turnaround.



Why Choose Our Machine?

Unmatched Cost Efficiency

- Replaces 3-5 manual workers, reducing per-mug costs by **over 40%**.
- 24/7 operation boosts output by **300%**, accelerating ROI.

Premium Quality & Reliability

- Industrial-grade PLC system ensures **99.9% defect-free rate**.
- Independent temperature/pressure control handles complex designs and gradients flawlessly.

Future-Proof POD Solution

Smart Production Line Integration: Seamlessly connect with Microtec's **High-Speed Automatic Mug Wrapping Machine** and **KP-650 Precision Paper Cutter** to build an **end-to-end automated production line**—from pattern cutting and precise wrapping to high-efficiency heat transfer—dramatically reducing manual handling.

Upgrade Your Production Line Today—Embrace Unmanned Efficiency!

Ideal For: Printing service providers, e-commerce OEMs, custom gift businesses, large-scale brand supply chains.

Technical Specifications

- Power: 6KW
- Voltage: 220V/380V
- Frequency: 50-60HZ
- Mug Transfer Options: 5pcs/10pcs/15pcs
- Machine Size: 170*110*180cm
- Net Weight: 516kg

Contact Us for a free demo and customized production solutions!
Let Automation Drive Your Competitive Edge!

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 operation.