



# MULTI-STATION

## thermal transfer cup machine M15



Reliable  
Quality



Strong  
Durable



PLC Precise  
Control



Fully  
automated



## Description

### 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.



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## 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.

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## Upgrade Your Production Line Today—Embrace Unmanned Efficiency!

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

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## 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!

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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 operation.