



# CALENDER ROLL TO ROLL

**MODEL:** MTX-54S/MTX-68S



## Description

### MTX-54S 54" Sublimation Roll-to-Roll Heat Press - High-Performance Printing for Large-Scale Applications

The **MTX-54S 54" Sublimation Roll-to-Roll Heat Press** is engineered to deliver superior performance in high-volume dye sublimation printing applications. With advanced features and a large working width, this machine is ideal for businesses seeking to maximize efficiency and product quality in large-scale production environments. Designed for continuous printing on textiles, banners, and promotional materials, the MTX-54S ensures top-tier sublimation transfers, making it a vital tool for companies in the fashion, textile, and signage industries.

## Key Features

- **Max Working Width:** 54" (1375mm) for large-format printing and efficient handling of wide materials.
- **Max Temperature:** 392°F (200°C), suitable for various dye sublimation applications.
- **Drum Diameter:** 9.8" (250mm) for consistent and even pressure across the material.
- **Heating Elements:** 3 powerful heating elements to ensure uniform heat distribution throughout the drum.
- **Power:** 13.5KW for high-output performance and rapid production cycles.

- **Voltage:** 220V/3 phase & 380V/3 phase, delivering reliable power for large-scale operations.
- **Heating Media:** Thermal oil heating system for excellent temperature control and reduced energy consumption.
- **Digital Temperature Display:** Provides precise temperature control for optimal transfer quality.
- **Mandrels Included:** 6 mandrels (3 feed, 3 take-up) to support continuous roll-to-roll printing.



## Advanced Features for Optimal Efficiency

- **Automatic Blanket Tracking Adjustment:** Maintains consistent blanket tension for flawless, aligned transfers, preventing misalignment and ensuring high-quality results.
- **Quick Roller Change System:** Designed to minimize downtime, allowing for fast roller replacements and smoother transitions between production runs.
- **Energy-Efficient Oil Heating System:** The state-of-the-art thermal oil system consumes 50% less energy than traditional electric heating systems, lowering both operational costs and environmental impact.
- **Automatic Cooldown:** After turning off the machine, it will cool down automatically (factory

setting: 2 hours), helping protect the equipment and enhance safety.

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## Versatile Sublimation Applications

- **Sublimation Printing on Polyester Fabrics:** Ideal for producing high-quality sportswear, fashion apparel, and promotional items.
  - **Roll-to-Roll Printing:** Perfect for continuous printing of banners, soft signage, and other large-format materials.
  - **Piece-to-Roll Operation:** Capable of handling both cut sheets and roll-based materials for flexible production.
  - **Applications:** Dye sublimation banners, flags, sportswear, curtains, bedding, cushions, and much more.
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## Why Choose the MTX-54S

- **Simplified Controls:** Intuitive, easy-to-use interface for seamless operation and quick setup.
- **Large-Scale Production:** Designed to handle continuous, high-volume printing with exceptional consistency and quality.
- **Eco-Friendly & Cost-Effective:** Reduced energy consumption and lower operating costs, making it a sustainable and economical choice for businesses.
- **Adjustable Speed:** Customizable printing speed for different production needs, enhancing workflow flexibility.

The **MTX-54S 54" Sublimation Roll-to-Roll Heat Press** is the perfect solution for businesses looking to take their dye sublimation printing to the next level. With advanced technology, energy efficiency, and outstanding reliability, it ensures high-quality results and maximum production efficiency.

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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.