



CALENDER ROLL TO ROLL

MODEL: MTX-44/54/68



Pressure Adjustable



Fast Heating



More Evenly Heating



Professional Sublimation

MTX-54 Multifunctional Oil Heating Rotary Thermal Transfer Machine - Precision and Efficiency in Dye Sublimation Printing

Introducing the **MTX-54 Multifunctional Oil Heating Rotary Thermal Transfer Machine**, the ultimate solution for large-scale, high-quality printing needs. This advanced rotary heat press offers a seamless roll-to-roll or piece-to-roll heat transfer solution, perfect for a wide range of applications, including textiles, sportswear, furnishings, and promotional items.

Features

- **Max. Working Width:** 54" (1370mm)
- **Max. Temperature:** 392°F (200°C)
- **Drum Diameter:** 7.8" (200mm)
- **Heating Element:** 1 (Thermal Oil Heating)
- **Digital Display for Temperature Control:** For precise and easy operation
- **Max. Feeding Speed:** 0-1100mm/min
- **Number of Mandrels:** 6 Mandrels (3 Feed, 3 Take-Up)

- **Max. Material Roll Dimension:** 350mm



Why Choose the MTX-54 Multifunctional Oil Heating Rotary Thermal Transfer Machine?

Efficient & Cost-Effective Heating: The MTX-54 uses an innovative oil heating system, delivering superior heat distribution across the entire drum width. This system reduces energy consumption by 50% compared to electrically heated machines, making it not only eco-friendly but also cost-effective. Whether you're working with cut pieces or continuous roll materials, the MTX-54 ensures precision and optimal heat for flawless sublimation results.

Versatile & Flexible Applications: The MTX-54 is perfect for a variety of sublimation applications, including:

- **Textiles**
- **Furnishings**
- **Fashion & Sportswear**
- **Promotional Items**
- **Soft Signage and Banners**

Its versatility makes it ideal for large-scale dye sublimation printing projects, ensuring vibrant, detailed prints on polyester fabrics and other media types.

Robust & Durable Design: Constructed with a strong all-steel frame, the MTX-54 is built to last, providing years of reliable, high-quality performance. The machine's robust design ensures consistent output for your production needs, whether you're printing small batches or large volumes.

User-Friendly Operation

- **Integrated Sports Tables:** Perfect for both cut-piece and roll-to-roll applications.
 - **Six Mandrels:** Ensure smooth feeding and take-up of materials, eliminating potential operational issues.
 - **Spring-Loaded Take-Up Mandrels:** Easily load and remove media without the need for additional tools.
 - **Tension Control & Adjustable Rod:** Achieve precise tension control for the blanket, optimizing print quality.
 - **Belt Speed & Take-Up Speed Controllers:** Customize belt speed and take-up mandrel speed to suit specific requirements.
 - **Automatic Cool Down:** The machine cools down automatically after use, saving time and maintaining safety.
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Applications in Sublimation Printing

- **Fashion & Sportswear:** High-quality prints on performance fabrics and garments.
- **Home & Commercial Furnishings:** Customize textiles for upholstery, curtains, and more.
- **Promotional Items:** Create branded products such as towels, bags, and caps.
- **Soft Signage:** Ideal for banners, displays, and other printed materials.
- **Precision Cut-Sheet Projects:** Perfect for handling both roll-to-roll and cut-piece applications.

The **MTX-44** from **Microtec** is the ideal solution for businesses looking to expand their dye sublimation printing capabilities while keeping energy costs low and production efficient. Its precise heat control, cost-effectiveness, and ease of use make it a top choice for both small and large-scale operations.

Upgrade your printing process today with the MTX-44 Rotary Thermal Transfer Machine and experience unmatched quality and versatility in dye sublimation printing.

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.