



# CALENDER ROLL TO ROLL

**MODEL:** MTX-44/MTX-68



## Description

### MTX-44 Multifunctional Oil Heating Rotary Thermal Transfer Machine - Precision and Efficiency in Dye Sublimation Printing

Introducing the **MTX-44 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.

## Key Features

- **Max. Working Width:** 44" (1180mm)
- **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-44 Multifunctional Oil Heating Rotary Thermal Transfer Machine?

**Efficient & Cost-Effective Heating:** The MTX-44 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-44 ensures precision and optimal heat for flawless sublimation results.

**Versatile & Flexible Applications:** The MTX-44 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-44 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.

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## 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.**

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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.