

Microtec MTX-54S is a high-performance **roll-to-roll heat transfer printing machine** designed for large-scale **dye sublimation transfer applications**. This machine offers unmatched speed, efficiency, and reliability, making it the ideal choice for high-volume production environments.

Equipped with advanced features such as **Automatic Blanket Tracking Adjustment** and **Quick Roller Change**, the **MTX-54S** maximizes operational efficiency. The **Automatic Blanket Tracking Adjustment** ensures consistent blanket tension during operation, preventing misalignment and guaranteeing high-quality transfers. The **Quick Roller Change** system minimizes downtime, enabling faster roller replacements and smoother transitions between production runs.

The **MTX-54S** incorporates a state-of-the-art **oil heating system**, providing uniform heat distribution across the width of the drum. This system not only ensures optimal transfer quality but also consumes **50% less energy** compared to traditional electric heating presses, making it both cost-effective and environmentally friendly.

This versatile machine excels in a wide range of applications, including **dye sublimation printing on polyester fabrics**, **roll-to-roll image transfer**, and **cut sheet applications**. It is particularly well-suited for producing high-quality **dye sublimation banners**, **soft signage**, **displays**, as well as **cut and sew dye sublimation products** such as Flags, Sports wear, Curtains, Bedding, Cushion etc.

With its combination of advanced features, energy efficiency, and ease of use, the **Microtec MTX-54S** provides a reliable, sustainable solution for businesses seeking to enhance their dye sublimation transfer capabilities.



MTX-54S/68S

Rotary Calendar Heat Press



**Simplified
Controls**



Roll-to-Roll



**Automatic Tracking
System**



**Quick Roller
Change**



Adjustable Speed

SPECIFICATIONS

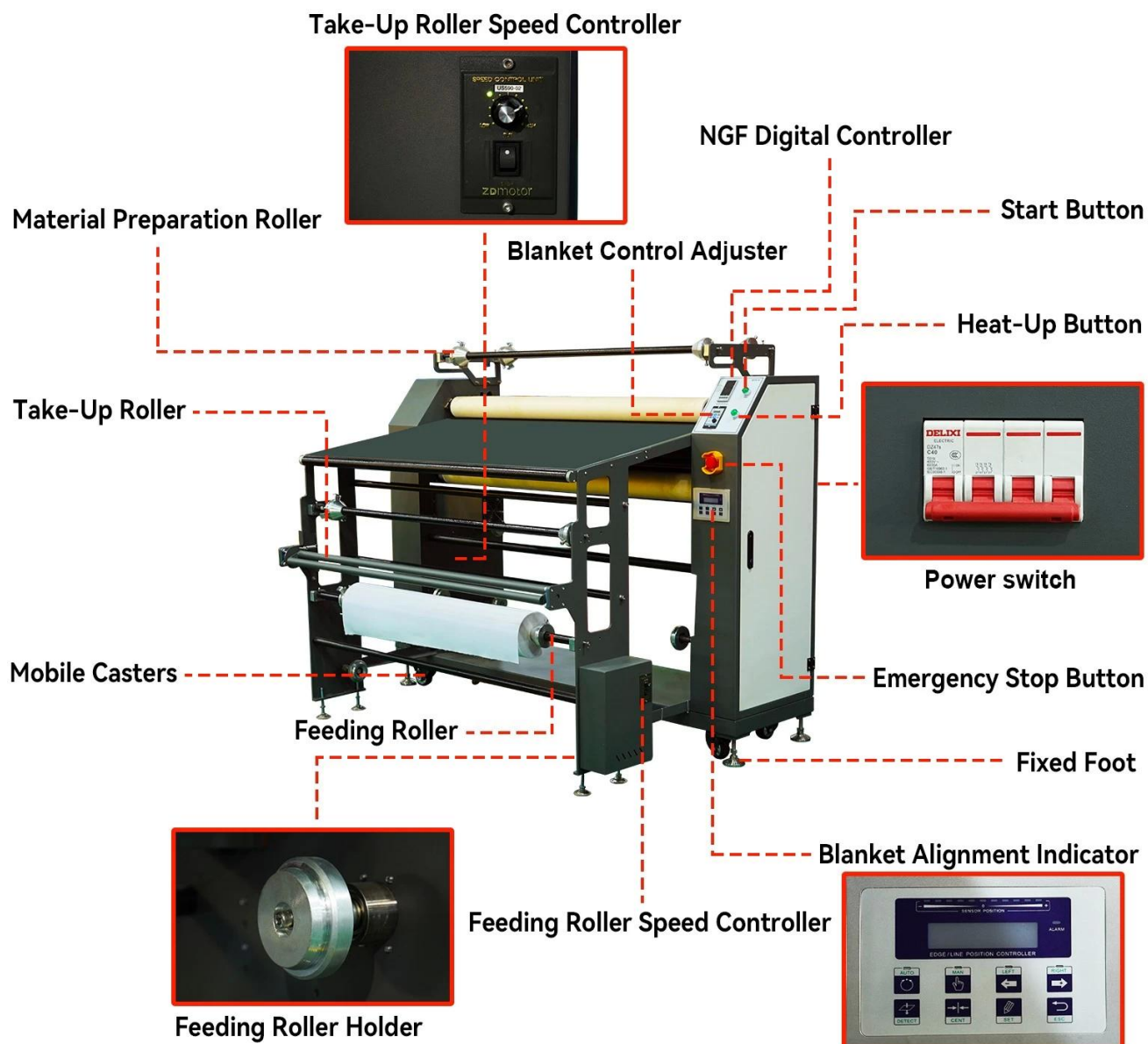
MTX-54S

Technical Parameters	
Print Width	54" (1375 mm)
Roller Width	58" (1475mm)
Roller Diameter	Φ9.8" (250mm)
Power	13.5KW
Voltage	380V/3 phase
Machine Size	195x126x155cm
Packing Size	218x149x183cm
Net Weight	655KG
Gross Weight	855KG

MTX-68S

Technical Parameters	
Print Width	68" (1730 mm)
Roller Width	72" (1830mm)
Roller Diameter	Φ9.8" (250mm)
Power	14KW/21KW
Voltage	220V 3 phase/380V 3 phase
Machine Size	230x127.2x150.5cm
Packing Size	248x149x183cm
Net Weight	800KG
Gross Weight	1000KG

MACHINE STRUCTURE



APPLICATION



CONTACT INFORMATION



www.heatpress.cn



sales@szmicrotec.com



+ 86-13924604227



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Description

Microtec MTX-54S is a high-performance roll-to-roll heat transfer printing machine designed for large-scale dye sublimation and thermal transfer applications. With advanced features, including an energy-efficient oil heating system and automated tension adjustments, MTX-54S ensures consistent, high-quality transfers for a wide range of industries.

Feature

Simplified Controls: Easy-to-use interface for seamless operation and fast setup.
Roll-to-Roll: Ideal for continuous, high-volume production with exceptional transfer quality.
Automatic Tracking System: Ensures consistent blanket tension and precise alignment for high-quality transfers.
Quick Roller Change: Reduces downtime by allowing for fast, hassle-free roller replacements.
Adjustable Speed: Customizable printing speed for flexible production processes.
Eco-Friendly and Cost-Effective: Reduces energy consumption and operational costs.
Automatic cool down: After you turn off the "Power" and "Heat", the machine will cool down automatically (factory setting is cool down for 2 hours).

Specification

Model No.	MTX-54S	MTX-68S
Max. working width	54"(1375mm)	68"(1730mm)
Dia of drum	Φ9.8"(250mm)	Φ9.8"(250mm)
Max. temperature	392°F(200°C)	392°F(200°C)
Heating media	Thermal Oil	
Controller	Digital temperature & time control	
Number of mandrels included	6 mandrels, 3 feed, 3 take-up	
Max. material roll dimension	350mm	
Max. roll weight	45kg	
Voltage	380V 3 phase	220V 3 phase/380V 3 phase
Power	13.5KW	14KW/21KW
Noise Level	30DB	30DB
Net/Gross Weight	655KG/855KG	800KG/1000KG
Machine Size	1950x1260x1550mm	2300x1272x1505mm
Packing Size	2180x1490x1830mm	2480x1490x1830mm

Machine Warranty:

- * 1 year warranty for the machine
- * Lifetime online and phone support on machine maintenance.

Application

Sublimation Application:
TEXTILES, FURNISHING, FASHION-SPORTSWEAR-PROMOTIONAL, FILMS
ROLL to ROLL: calenders for printing continuous and reel-wound materials
PIECE to ROLL: special calenders capable of operation in both modes (material in cut pieces and/or in rolls)