

# ***Therm-O-Type Manual Foil-Tech Foil Fuser***

Spec Sheet



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Manual

# Foil-Tech Foil Fuser

DEVELOPING FOIL FUSING EQUIPMENT AND TECHNIQUES SINCE 2002

**Features include:**

- No dies required
- Automatic paper feed
- Variable speed control
- Digital heat control
- Foil jam sensor w/interrupt
- 14.5 max. paper width
- Foil unwind and rewind controls
- 4.5" diameter foil roll capacity
- No compressed air required
- Available for 110 and 220 VAC



Foil-Tech Video



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# Manual Foil-Tech

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The Manual Foil-Tech incorporates all the features and capabilities of the Automatic Foil-Tech except the impression control system has been replaced with a lever that the operator uses to manually engage and disengage the impression mechanism.

The Manual Foil-Tech can fuse metallic, pigment, glitter, holographic pattern and security foils to toner image areas on suitable paper and plastic substrates.

The Manual Foil-Tech does NOT require a compressed air supply.

## **No Dies Required**

Using foil fusing equipment, flat foil text and graphics can be applied without a foil stamping die or foil stamping press.

## **Friction Feeder**

The Manual Foil-Tech friction feeder eliminates the need for labor intensive manual feeding.

## **Controls**

Manual Foil-Tech electronic control features include; drive motor start/stop switch and variable speed control, heater on/off switch with digital temperature control, paper feed start/stop switch, jog reverse push button and foil jam indicator light.

Mechanical control features include; adjustable foil unwind/rewind tension controls.

## **Six Heated Fusing Rollers**

The Manual Foil-Tech uses six heated fusing rollers.

Six fusing rollers provides more thermal stability and dwell when running longer, wider and heavier stocks.

## **Foil Rolls**

The Manual Foil-Tech can support up to 1,000' long foil rolls wound on 1" cores.

This model is designed to support up to two foil rolls, positioned to contact the top of the sheet, and one foil roll positioned to contact the bottom of the sheet.

A foil jam detect/interlock is installed on the foil rewind.

A separate tension control clutch is located on each foil unwind and rewind shaft.

## **ThermoFusing**

ThermoFusing is a process that "post-fuses" sheets that have been printed with toner.

It creates a high gloss finish over toner image areas similar to spot UV. ThermoFusing also improves toner adhesion and durability.

THERM-O-TYPE foil fusing equipment uses coated and un-coated fusing film to ThermoFuse toner image areas on suitable paper and plastic substrates.

## **Freedom Foil Process**

Foil fusing equipment can be used to apply foil text and graphics over a background image, printed with toner, using the "Freedom Foil Process".

Using this process, the background image is printed, then the sheet is laminated with a special laminating film. Laminated sheets are run back through a printer to apply toner on top of the laminate. After being over-printed, the sheets are run through the Manual Foil-Tech where foil is fused to the over-printed toner image areas.

## **Scratch Off Foil**

The Manual Foil-Tech can apply Scratch Off foil using a process developed by THERM-O-TYPE.

The scratch off foil process is similar to the "Freedom Foil Process" but requires a different (scratch off foil) laminate film.

## **Laminating**

The Manual Foil-Tech can apply single or two sided thermal laminate.

When applying laminate to one side of the sheet, a barrier film is used on the opposite side to eliminate glue transfer to the bottom fusing rollers.

## **Fusing Foils and Films**

THERM-O-TYPE fusing foils and films are available in 24" wide rolls on 1" cores for use with Foil-Tech and FT-10 equipment. Foils are also available in select width rolls on 1/2" and 3" cores for customers operating competitive foil fusing equipment.

For information and pricing on current fusing film and foil products, visit: [www.thermotype.com](http://www.thermotype.com)