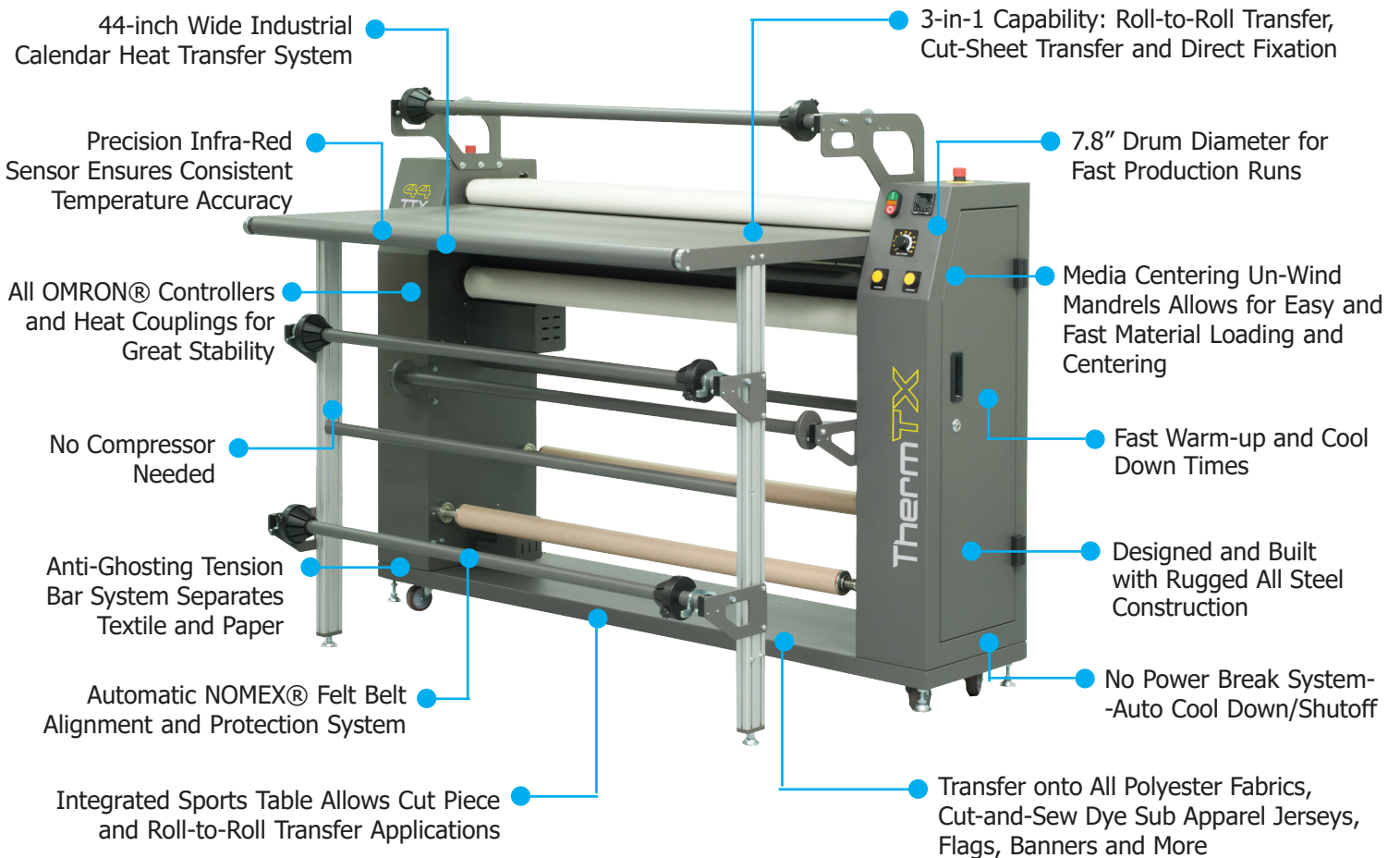


# ThermTX Calendar 44-TTX

## 44" 3-in-1 Industrial Calendar Heat Transfer System



## Product Overview

ThermTx® 44-TTX Calendars is an affordable, easy to use solution for all your dye sublimation paper transfer applications. The ThermTx® 44-TTX Calendar delivers precision temperature fixation to a broad range of textile applications, thus saving time on production. An all steel solid construction provides high quality performance and ensures the ThermTx® 44-TTX Calendar is built for year on year production.



## Key Features

- 44-inch Transfer Area with 7.8" Heated Drum for Fast Production Runs
- Temperature Accuracy is Controlled by a Precision Infra-Red Sensor, Ensuring Consistent Transfer Process
- Fast Warm-Up and Cool Down Times--Saves Energy and Labor
- Mechanically Adjusted Belt Without the Need of Compressed Air--No Belt Adjustment Necessary
- All OMRON® Controllers and Heat Couplings for Years of Stability
- Quick Chuck® Self Locking Mandrels--Secures and Centers Cores Precisely
- **Ease of Use**
- Material Loading: The ThermTX is Equipped with 6 Mandrels; 3 for Feeding and 3 for Take-up after Sublimation
- Spring Loaded Take-up Mandrels: A unique feature to ThermTx® range. Cores are Easily Positioned Directly onto a Spring Loaded Mandrel for Accuracy and Ease of Use. No Tools Required
- Media Centering Un-wind Mandrels: All Unwind Mandrels Include a Material Centering System which Allow Users to Quickly and Accurately Load the Calendar
- Automatic Cool Down Function: Electric Supply is Disconnected when the Drum Reaches 76°C
- Integrated Fixed Sports Table: Allows Cut-Piece and Roll-to-Roll Transfer Applications
- Receptacle for Cut-Piece: For Catching Cut-Pieces for a Clean and Safe working Environment
- **Safety Features**
- Plexiglass Front Cover: Protects Users from the Feeding Mechanism and Risk of Burns; Protects Felt Belt and Drive System from being Damaged by Foreign Objects
- Emergency Stop Buttons: 2 Easy Access Emergency Stop Buttons from Front and Rear of Calendar
- System Override: If Any of the Safety Features are Activated, the User Must Press the Reset Button to Restart the Calendar
- Thermo Isolation: All Exposed Surfaces have been Thermo Isolated to Protect the User from the Risk of Burns while in Operation
- Auto Cool Down/Shutoff: When Turned Off, the Heater Drum will Automatically Shut Down when Safe Temperatures are Reached
- **Anti-Ghosting System**
- A Proprietary System of Tension Bars Separates the Textile from the Transfer Paper after Sublimation to Prevent Image Ghosting on the Fabric. The Belt is Easily Adjusted for Thicker Items like Wetsuit Material, Carpets and More
- **Benefits of the Production Table**
- The Table is in a Fixed Position, Allowing for Both Roll-to-Roll or Cut-Piece Production
- Ideal for the Production of Sportswear and Garments using Stretchable or Non-Stretchable Fabric
- Works with Tack or Non-Tack Transfer Papers in Any Weights

## Specifications



### ThermTX 44-TTX 3-in-1 Calendar Heat Transfer System

Maximum working width	44" (1180mm)
Maximum temperature	428°F (220°C)
Diameter of drum	Ø 7.8" (200mm)
Heating system / Elements	1
Heating time from room temperature to 200°C	30 min.
Digital display of temperature	Yes
Belt material	Nomex®
Speed exposure time 40 seconds	71 yd / hr - 1.18 yd / min , 65 m / hr - 1.08 m / min
Speed exposure time 90 seconds	18 yd / hr - 0.30 yd / min, 17 m / hr - 0.29 m / min
Safety features	Safety cover in front of the rollers with safety switches and reset button on the control panel
Number of mandrels included	6 mandrels, 3 feed, 3 take-up
Maximum material roll dimension	Upper position 13.8" (350 mm) Mid front position 13.8" (350 mm) Low front position 13.8" (350 mm)
Maximum roll weight	100 Lbs (45kg)
Power	15A (Ø1-220V)

## Applications

Ideal for transferring high quality images onto polyester fabrics, the ThermTX 44-TTX is able to image roll-to-roll and cut sheet applications such as dye sub banners, soft signages, displays, cut and sew dye sub, sportswear, ladies/mens/fitness garments and more.



The technical specifications and performance capabilities listed herein are subject to change at any time and may not reflect actual production capabilities. Graphics One is not responsible for any incorrect information contained herein and urges any buyer or potential buyer to test the product prior to making a purchase. Graphics One offers its products through an elite group of Channel Sales Partners. Please contact Graphics One for added details.

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