Safety Precautions for Users

English

ThermoFlex Narrow Hybrid With Offset Option

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Important Notes on Safe Operation



WARNING: Before using the *ThermoFlex* Narrow Hybrid With Offset Option, you *must* read this guide and understand it.
When using the *ThermoFlex* Narrow platesetter, you *must* follow *all* of the safety precautions and recommended procedures. This guide must be accessible to anyone who operates the *ThermoFlex* Narrow platesetter.
Your failure to read, understand, and follow the information in this guide may result in the incorrect operation of this product and could create a dangerous situation. This could result in serious injury as well as damage to the output device.

Introduction

This document is an addendum to the ThermoFlex Narrow Safety Precautions for Users. It describes the differences that are unique to the *ThermoFlex* Narrow Hybrid With Offset Option. You must read this document in addition to the ThermoFlex Narrow Safety Precautions for Users.

Laser Head

The laser head must be in home position (on the left side of the drum) whenever the top door is open.



WARNING: Upon opening the top door, verify that the laser head is in home position. If it is not in home position, turn off the platesetter and call your service engineer.

Registration Pins

The offset option enables you to image offset plates on a *ThermoFlex* Narrow platesetter. One or two plates can be imaged simultaneously and no plate clamping is required.

Prepunched offset plates are manually loaded onto the drum using either two or three registration pins as reference guides. After the plate is loaded, you secure it with tape on the leading and trailing edges.

The registration pins (up to six in total) must then be returned to the pin holder (see Figure 2 on page 4) which is connected to the mechanical interlock system.

If any of the six pins are not returned to the pin holder, the interlock microswitch is activated. This stops the motors from operating and prevents exposure from beginning.

If any registration pins are not in the pin holder, an error message appears when the operator either starts up the platesetter or opens the top door.

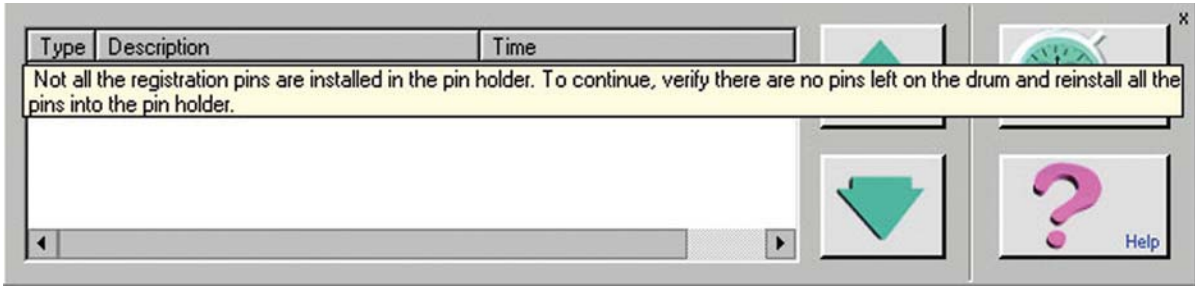


Figure 1: Error message reporting that not all the registration pins are in the pin holder

Note: The registration pins are available in various shapes (either circular or square head) depending on the customer's punch configuration.

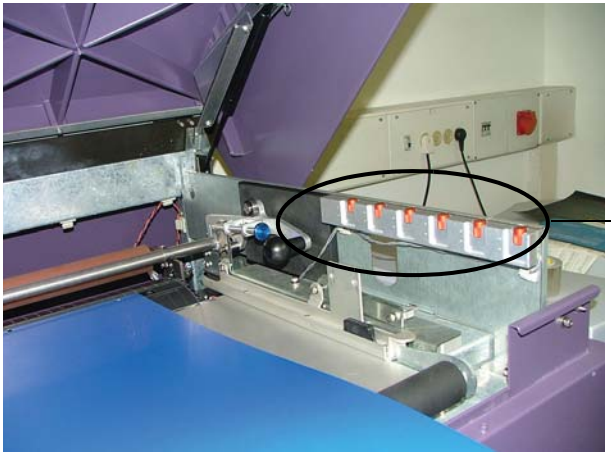


Figure 2: Registration pin holder

WARNING: Never attempt to operate the platesetter if any registration pins are not present in the pin holder.
Pins flying off the rotating drum can cause laser and/or mechanical hazards.

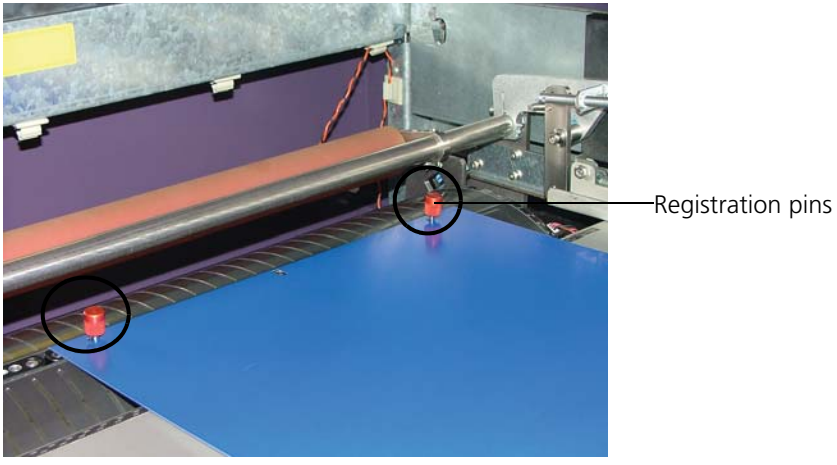


Figure 3: Plate on drum with two registration pins

The registration pin holder is sturdy so that the platesetter's vibrations will not cause the pins to loosen.

The registration pins are large enough so that if one of them falls into the front part of the platesetter, it cannot get stuck in any place that has an opening of less than 3 centimeters. However, if the pin falls into the rear area of the platesetter, then the rear panel must be removed. You must call your service engineer to remove the rear panel.

Plate Roller

A plate roller is used to make the plate adhere to the drum. A blue knob on the roller lever indicates that operator intervention is required. Pulling the blue knob and pushing the lever up lowers the roller onto the drum. When you close the top door, the lever is pushed down and the roller is lifted from the drum. The next time you open the top door, the plate roller is in the up position and does not touch the drum.

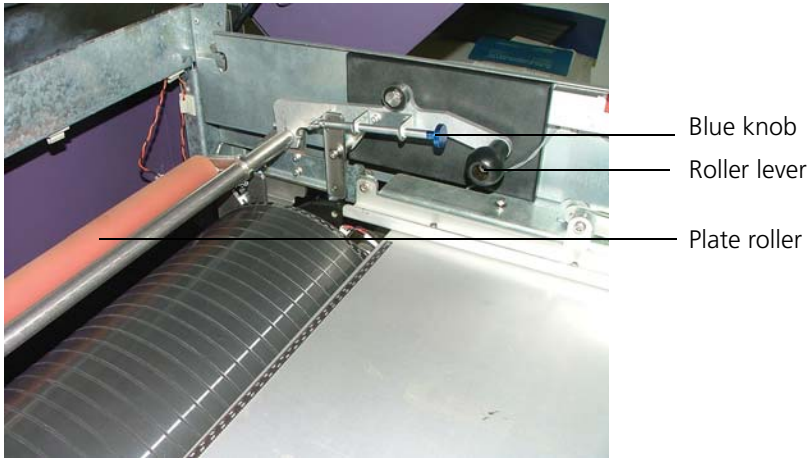
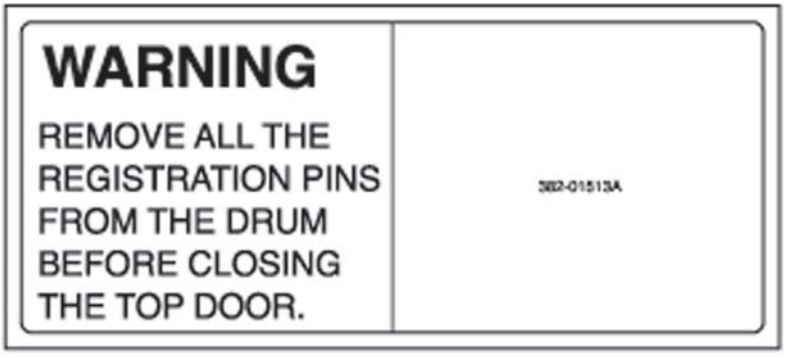


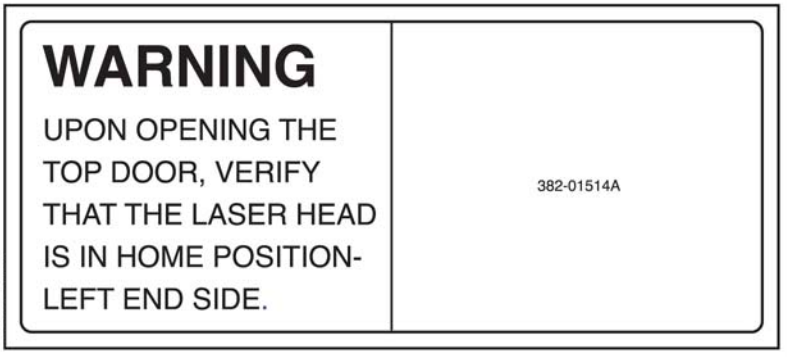
Figure 4: Plate roller, roller lever, and blue knob

Warning Labels

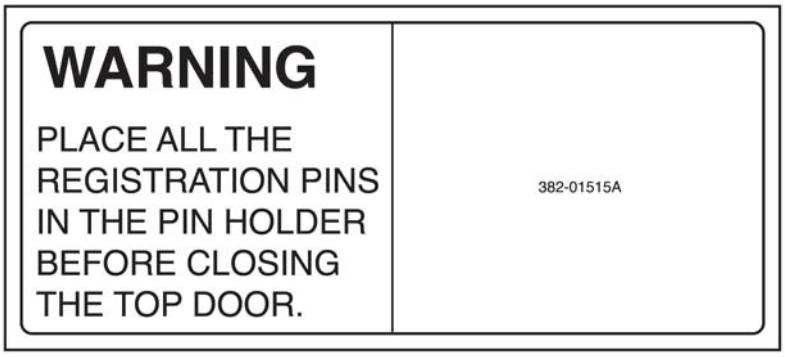
The following pages show the warning labels that are unique to the *ThermoFlex* Narrow Hybrid With Offset Option.



382-01513A



382-01514A


WARNING
PLACE ALL THE REGISTRATION PINS IN THE PIN HOLDER BEFORE CLOSING THE TOP DOOR.
382-01515A

382-01515A

Warning Label Locations

Figure 5 shows the location of the warning labels that are unique to the *ThermoFlex* Narrow Hybrid With Offset Option.

Note: The registration pin holder depicted in the figure may vary slightly from the registration pin holder on the customer's platesetter.

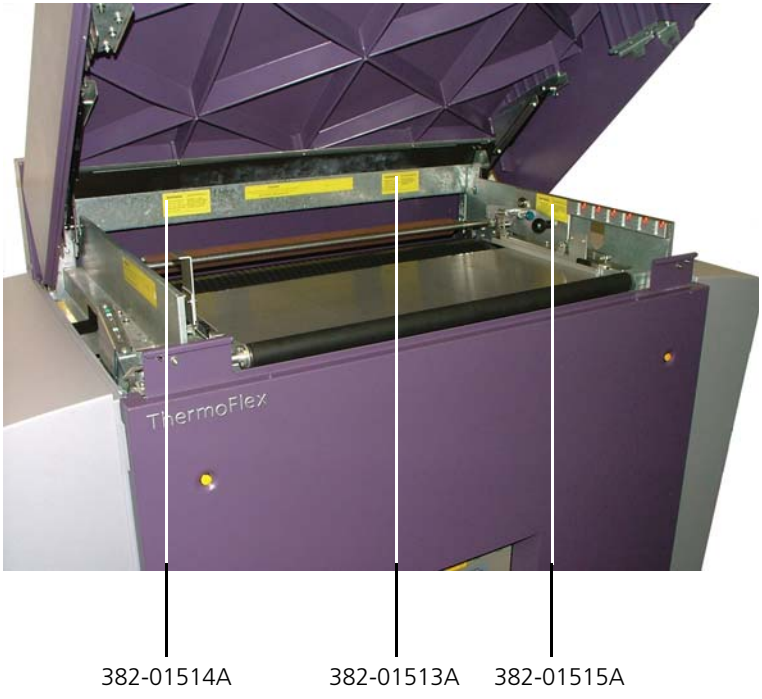


Figure 5: Warning label locations

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