Adusting for 0.185 in. and 0.217 in. Media

Applies to

☑ ThermoFlex Wide 1

Background

Because 0.185 in (4.7 mm) and 0.217 in. (5.5 mm) media are not currently supported by the ThermoFlex Wide 1, the following procedure describes the changes needed to the device to enable imaging thick media. Imaging these thicker media should only be done under very limited conditions for the purpose of producing sample images.

Once media qualification testing is complete, further guidelines for the operating conditions and limits will be announced.

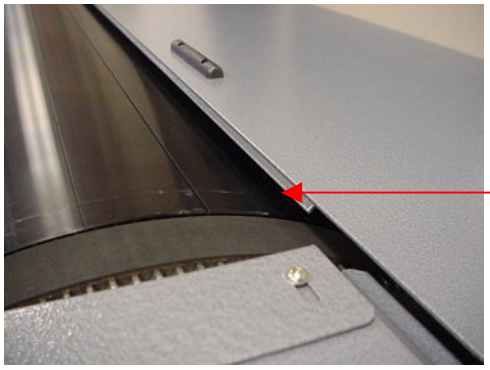
Tools and parts

- Metric Hex key set
- 9/32 nut driver
- Needle nose pliers or small slot screwdriver (for disconnecting control cable anchor)
- Scale or gauge block (to measure clearance gaps)

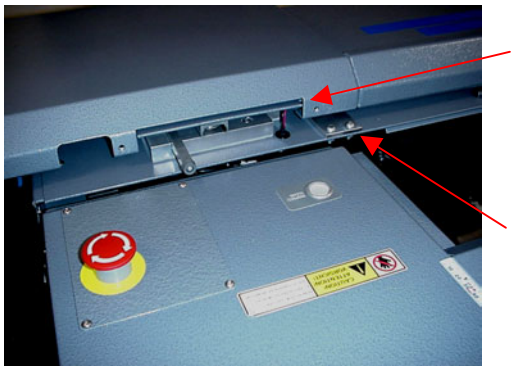
Steps

Cross-member to drum gap adjustment

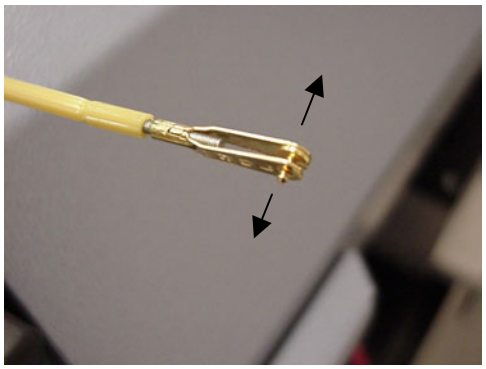
1. Check the cross-member to drum gap clearance. The gap across the drum width should be between 8 mm and 9 mm. If adjustment is needed, continue to step 2.



2. Remove the flash cover stop plates (both sides).

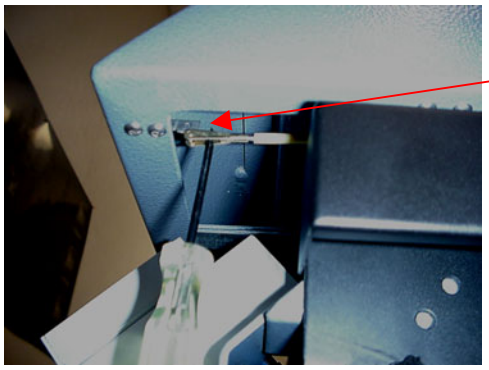


3. Slide the flash cover away from the drum as far a possible to expose the cable anchor plates. Remove the screws securing the cable anchor plates to the cross-member.
4. Remove all three front panels from the machine.
5. Disconnect the table locking control cables from each side of the flash cover.



The arrows indicate the motion required to open the yoke for connection to the flash cover anchor bracket

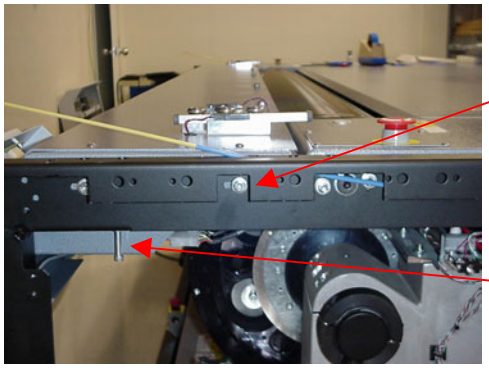
6. Disconnect the control cable anchor bracket.



Flash cover control cable anchor bracket

7. With the aid of a helper, slide the flash cover off the guide rollers.
8. Loosen the two cross-member adjustment fasteners on each side and adjust the cross-member clearance to the drum.

Note: If the jacking screw is absent, ensure adequate support is in place before proceeding.

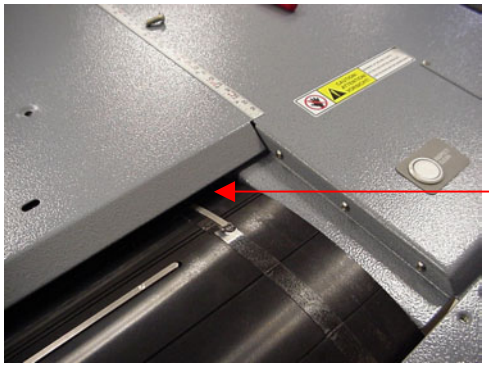


Adjustment fasteners

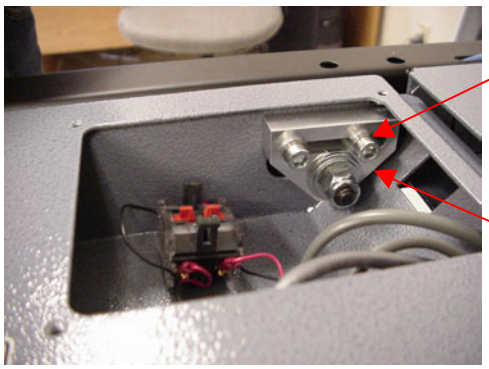
Jacking screw

Table to drum gap adjustment

1. Measure and select a gauge block material that will not damage the drum surface. Slide the gauge block along the drum-panel gap to check for sufficient clearance of between 8 mm and 9 mm. If adjustment is necessary, proceed to step 2.



2. Remove the E-stop switch mounting plates from both sides of the table to gain access to the table pivot blocks.

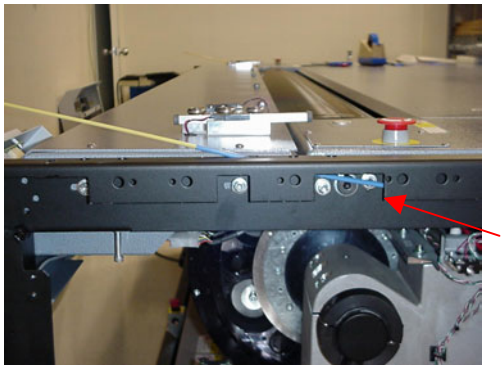


3. Loosen the two socket cap screws on each table pivot block and slide the table horizontally to adjust the table to drum gap.
4. Retighten the pivot block screws and reinstall the E-stop mounting plates.

If the range of horizontal adjustment is insufficient, continue to step 6. Otherwise, the table to drum gap adjustment is complete.

5. Remove the flash cover and side trim as indicated in the cross-member adjustment procedure.
6. Loosen the vertical adjustment fasteners and position the table to achieve the specified clearance to the drum. Ensure the table is adequately supported during this procedure to prevent contact with the drum.

Note: If the gas struts interfere with this adjustment, temporarily disconnected them. Because the table is heavy, we recommend that you get an assistant to help with the strut removal. Fully extend the strut by opening the table prior to disconnection.



Vertical adjustment fasteners – two per pivot

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