Preventing plates from catching on the table darts

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Product

- Magnus VLF CL
- Magnus VLF MCU

Background

The darts on the unload table have a 1 mm vertical face. The plate edge can sag between the darts during the unload sequence and get caught on this face or under the darts.

Solution

Apply adhesive UHMW tape between the darts.

Parts required

Part Number	Part Name	Quantity
512-00329A	MUT PANELS, RECESSED DARTS, MTA (includes this procedure and 2.5 m of adhesive UHMW tape).	1

Tools required

- Scissors

Procedure

1. Turn the interlock override safety switch to the **Interlock Override** position.
2. Open the front hood.
3. Load the smallest customer plate size (subscan direction) that is getting caught on the unload table darts.
4. Unload the plate using the step feature:
   ```
   >>step enable
   >>unload
   ```
5. Press **Enter** until the plate wraps off the drum but is still held by the clamps. This stage of the unload sequence is usually where the plate edge gets caught on or under the darts.
6. Note the location of the plate edge relative to the darts.
7. Continue pressing **Enter** to complete the unload sequence.
8. Remove the unload table panels from the device.
9. Cut the UHMW tape into the shape shown in Figure 1.

Preventing plates from catching on the table darts

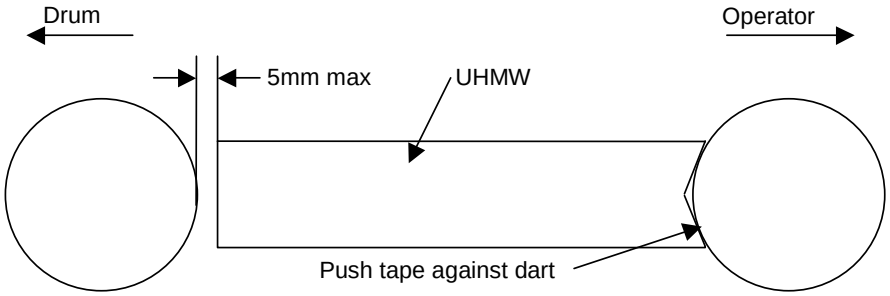


Figure 1: Cutting the UHMW tape

10. Apply the tape between the darts that you noted in step 6. Be sure to push the tape against the dart that is the farthest away from the drum.



11. Repeat this procedure for other plate sizes that are having this problem. If you require more UHMW tape, you can order additional kits (512-00329A) or UHMW tape (56-3226).
12. Load and unload the plates several times to ensure that the plates no longer get caught on the darts. If the problem persists, you may have to order a set of unload table panels with recessed darts (kit 512-00328A). Keep in mind that this kit is very expensive.
13. Close the front hood and turn the interlock override safety switch to the **Normal Operation** position.

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