

USER MANUAL

Matrix Remover & Slitter

MCH100MTX17

THIS PRODUCT IS CERTIFIED:



IMPORTANT NOTICE

**THE UNIT TO BE USED AS SLITTER ONLY,
TAKE OUT THE WASTE REMOVER CORE.**



Warnings

- The main plug of power supply cord set of AC/DC power supply is considered as disconnecting device of equipment.
- Do not operate the Matrix Remover while wearing loose fitting clothing or neck ties. Serious injury may result. If clothing or fingers are caught in the rollers, immediately disconnect the D.C. connector.
- Keep your hands away from the Matrix Remover at all times while the unit is running.
- When replacing Slitter blades work from the back blade housing to the front. This will minimize the chance of injury since you will not be working over already installed blades.
- When transporting the unit or any time the unit is not in use always lower the slitter station into the down/cut position. This will prevent accidental contact with the slitter blades. The two rollers below the slitter station act as a guard when the slitter station is in the down position.
- To prevent fire or shock hazard, do not expose the unit to rain or moisture. Operate the unit with only proper electrical specifications as labeled on the unit and the AC adapter.

WARNING
HAZARDOUS MOVING PARTS
KEEP FINGERS AND OTHER BODY PARTS AWAY

Note on Media Environment:

50% humidity and 72 degrees Fahrenheit is the optimal conditions for both storage and use of label stock. Store label stock in protective plastic wrappings. Rewrap partially used stock. Do not store stock directly on concrete floors.

Label stock should be conditioned in this environment for 72 hours prior to use. Failure to store media in these conditions may result in media tension problems. Too much humidity will cause labels to curl on the edges.

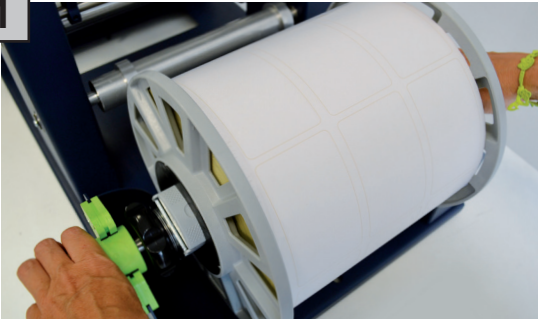
RUN A JOB



WARNING: Before starting a new job, always make sure the waste matrix from the previous job has been removed.

Do not attach the matrix from a different size label to an existing roll. This will cause an uneven wrap which will cause the material to walk.

1



Load the die cut roll onto the core holder.

Slide it until it touches roll guide. Install the outer disk and tighten it using the knob.

Insert the core holders onto their respective supports.

2



Load a cardboard core onto the core holder.

Slide the cardboard core until it reaches the core holder guide stop. Tighten it using the knob.

Set the waste core holder in its respective support.

3

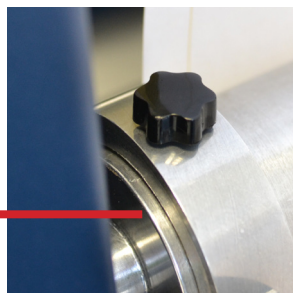


Insert the empty cardboard cores onto core holder for new labels rolls.

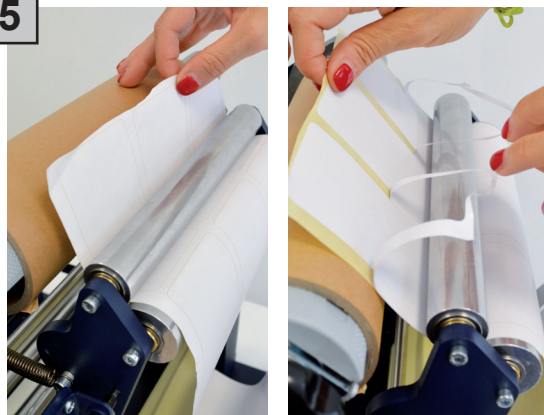
4



Pull the media under the first guide then adjust the roll guide.



5



Insert the media between the two rollers near the waste core holder.

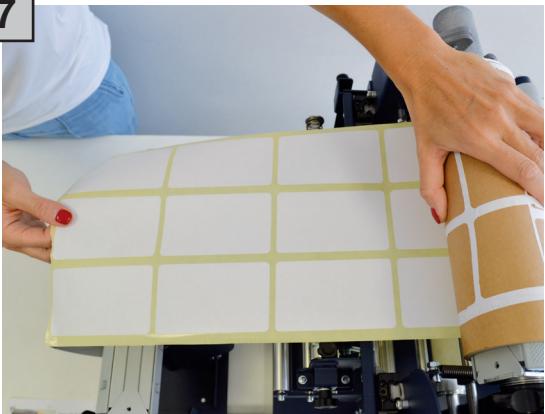
At this point separate the matrix from liner.

6



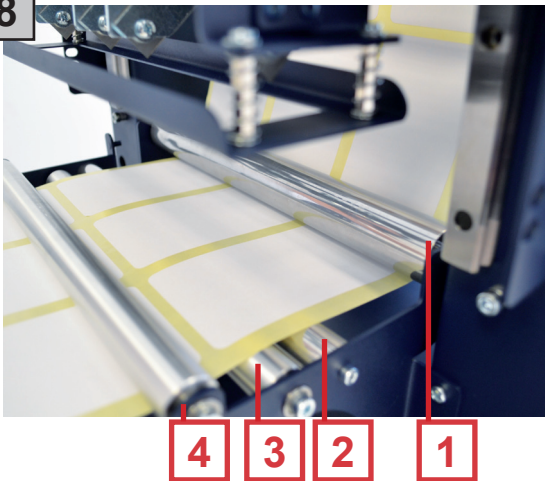
Attach the matrix to the empty cardboard, then use the knob to release the peeling rollers module.

7



Continue pulling the die-cut rolls and manually turning the waste core holder so that the matrix is wrapped around the waste core at least once.

8



Insert the media under the first roller. Proceed by inserting the media over the next two rollers, then under the last roller.

9



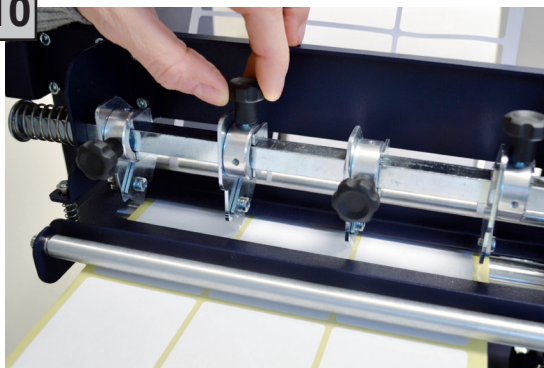
Position each cardboard core directly under the new label.

Tighten the core by turning the knob and the guides in place.

Temporarily attach the label directly to the core holder.

This will provide the necessary tension in order to start the slitting process.

10



Align the blades in the alley between each column (label edges can also be slit using the same step)

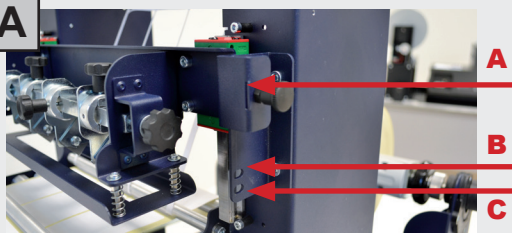
You can alternate the position of the thumb screw from the top to the side to gain easier access and set the blade holders closer.

WARNING!

The slitter blades are very sharp when exposed. Use extreme caution when working in that area.

SLITTER MODULE

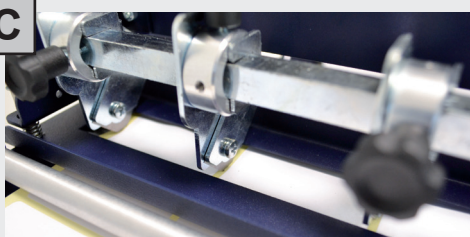
A

**OPEN****CLOSE**

B



C



The Slitter Module has 3 settings:

- Upper position (A), the blades are closed to allow the media loading;
- Middle Position (B) Used to align the blades with the center and/or edges of the label. (Use thumb screw to lock the blade in place once it's in position;
- Lower Position (C) Used to penetrate the media and start the slitting process.



Screw or unscrew the thumb knob on the blade holder support to move slightly all blades to the right or to the left.

11



Turn on the MATRIX REMOVER using the power switch on the back.

Make sure the speed knob is in the slowest position before you switch on the MATRIX REMOVER.

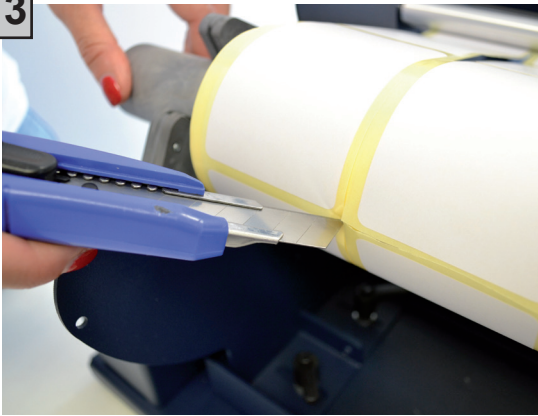
12



Slowly turn the speed knob.

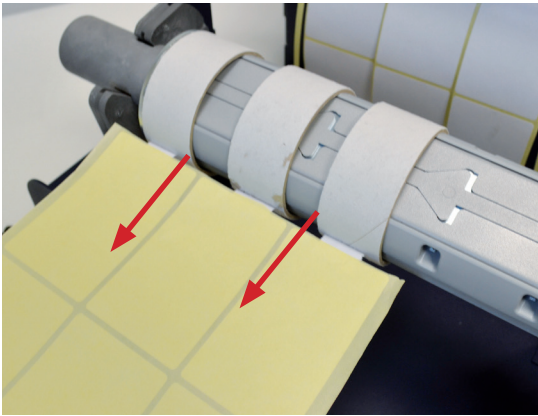
Run the machine until the slit labels reaches the core holder and then turn the unit off.

13



After slitting setup is complete, remove any unwanted labels by cutting them off the core holder.

Do this to start a fresh new roll of labels.



14



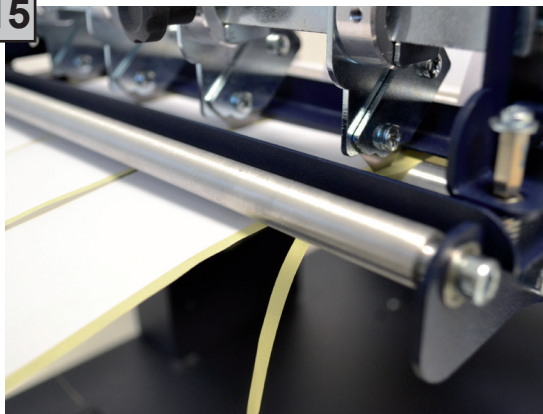
Attach the fresh labels onto core using waste label or tape.



Note:

*Make sure the media tension on all rolls is even.
If this does not happen, the entire waste process could be compromised!*

15



Feed the edge waste under the last roller.

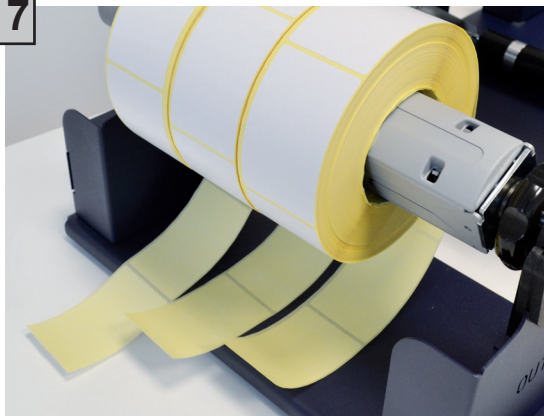
16



Turn on the Matrix and slowly increase the speed while observing the following areas for errors:

- 1. Matrix Release**
- 2. Matrix Core Wrapping**
- 3. Slitting**
- 4. Finishing Core holder**

17



When the roll is finished, the unit automatically stops.

HOW TO ADD OR REMOVE BLADE HOLDERS

1



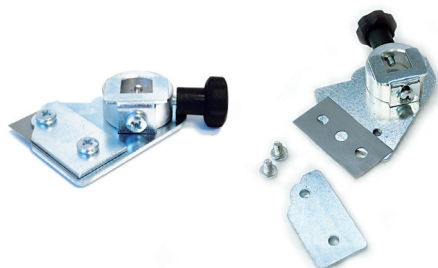
Unscrew the black knob to remove iron slide bar.

2



Slide each blade holder in/out the slide bar. Place the slide bar back to its original position then tighten the black knob.

REPLACING THE SLITTER BLADES



Loosen the two screws holding the blade in place.

Replace the blade.

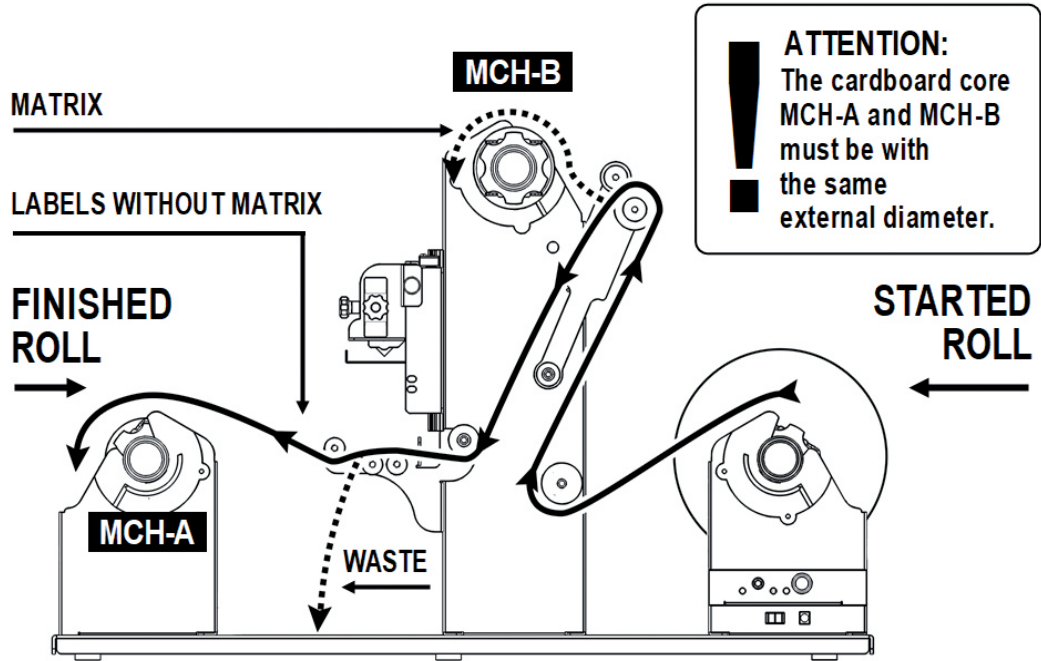
Secure the blades by tightening the screws back in place.

HOW TO ADJUST THE CLUTCH ON THE UNWINDER



With the clutch feature it is possible to control the the tension on the media during the process and adjust the tightness on the new rewinded rolls.

PAPER PATH



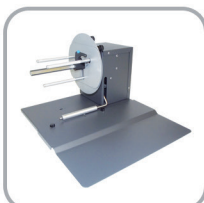
SMART SOLUTIONS FOR THE LABELING INDUSTRY

Label rewinder, label unwinder, electronic label dispenser and more...

OTHER
PRODUCTS



LABEL UNWINDER/REWINDER



SMALL LABEL
UNWINDER/REWINDER



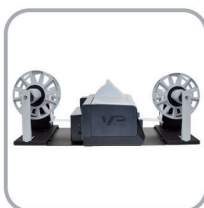
LABEL COUNTER



ROLL TO ROLL SYSTEM
FOR LABEL PRINTERS



ROLL TO ROLL SYSTEM
FOR EPSON PRINTERS



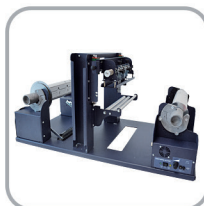
ROLL TO ROLL SYSTEM
FOR VipColor VP SERIES



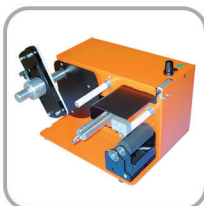
ROLL TO ROLL SYSTEM
FOR PRIMERA LX SERIES



MATRIX REMOVER AND SLITTER



LONGITUDINAL LABEL SLITTER



EASY LABEL DISPENSER



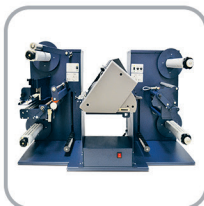
ELECTRONIC
LABEL DISPENSER



SCORPIO SERIES:
DIGITAL LABEL FINISHING SYSTEMS



GEMINI:
DIGITAL DIE CUTTER FOR SHEETS



VIRGO:
DESKTOP DIGITAL FINISHING SYSTEM



MOTORIZED CORE HOLDER
UNWINDER/REWINDER

- FOR MORE INFO CONTACT YOUR RESELLER -