SPINE-CREASER

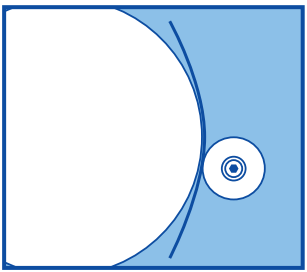
For Muller Martini 1553 & 1554 cover feeder

INSTALLATION GUIDE

INSTALLATI

Important: Please ensure that you read all the instructions before fitting

The Spine-creaser single wheel simply fixes into a position as illustrated, ensuring a perfect cylinder style crease every time



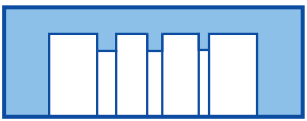
1) Crease efficiency
- The female wheel helps to produce a cylinder-like crease.
- Guaranteeing zero “fibre cracking” along the book spine.

Three Width Settings

The wheels have three crease width channels to allow narrow, medium or wide options to cater for a vast array of material weights.

Creasing Matrix

The specially adapted creasing matrix has been designed to stretch and snap into the feeder drums existing scoring groove.



Both ends of the creasing matrix have an extended tab width to allow a greater contact area for self adhesive application.

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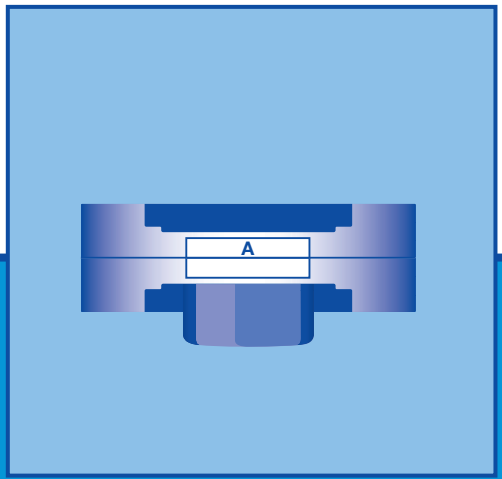
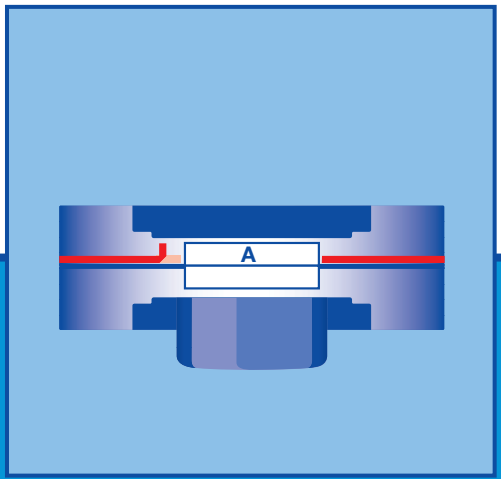
Ensure that the electrical power to the machine is switched off
Remove the panels surrounding the existing male scorer
Use an 8mm Hexagon key to remove the scoring part



Step 1 - Cleaning Drum & Apply Self adhesive Strips

Engage the cover feeder into forward manual mode. Lift up the cover feeder table to expose the drum. Wipe away excess dirt and dust from the drum circumference with white spirit or similar cleaning agent (concentrate on the scoring groove as this may be the hardest to clean).
Dry thoroughly with a cloth.Turn the drum manually until the narrow area is visible. Apply two self adhesive strips, one either side of the scoring groove. Do not peel away self-adhesive backing. See diagram above.



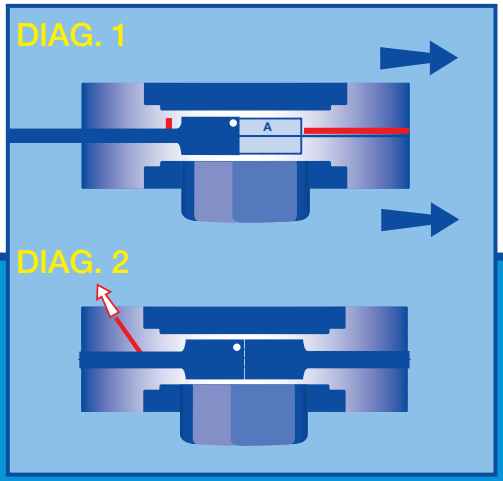
Step 2 - Apply Self Adhesive Tape.

Using the supplied role of self-adhesive tape, apply a full length around the circumference of the drum as close to the scoring groove as possible.

The tape must fall slightly short of the previously affixed self-adhesive strips. This application can be repeated on the other side of the scoring groove to add extra contact strength.

IMPORTANT
Do not peel away the full strip of red plastic backing.
Fold over the red plastic backing on left side as illustrated.
See diagram above

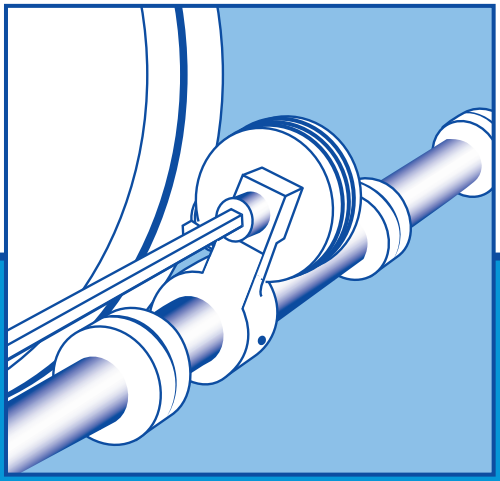
INSTALLATION



Step 3 - Applying Creasing Matix

Peel away self adhesive backing from middle strips (A). Align one end of the creasing matrix and press firmly into position Begin to stretch the creasing matrix, pushing the V-shaped underside into the scoring groove whilst a second person manually turns the drum in a forward motion. See diagram 1.

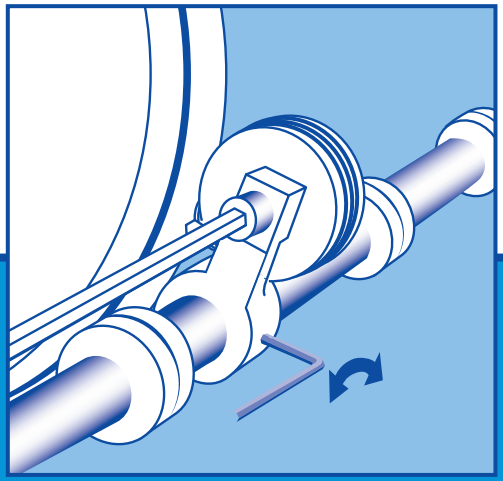
When the drum cycle is complete push the second tab firmly on to the adhesive strip so that it meets the first, Gently pull away the full length of red plastic backing without disturbing the creasing matrix above it. See diagram 2.



Step 4 - Install Wheel

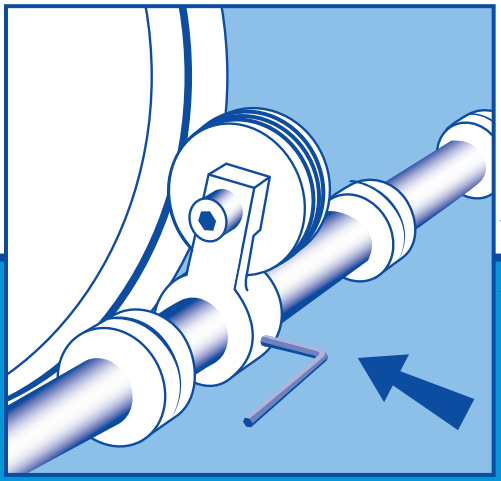
Attach the Tech-ni-fold female wheel into the vacant position left by extracting the existing Male scoring part. In most cases the bolt head should be facing you, although this may be reversed on some types of Muller cover feeder systems.Tighten the bolt using an 8mm Hexagon key.

GUIDE CONT...



Step 5 - Loosen Muller Arm

Using a 4mm Hexagon key loosen the existing Muller arm (the thread will be found on the underside of the arm) See diagram above.



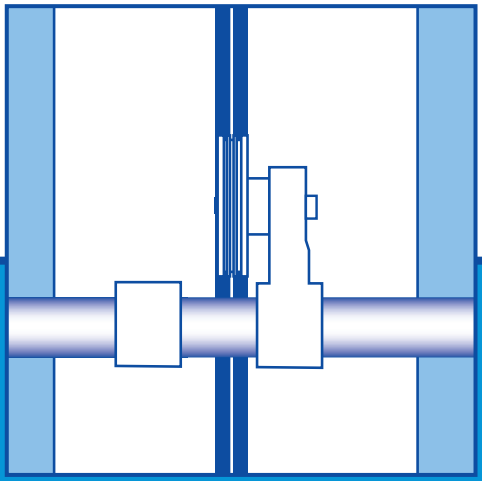
Step 6 - Aligning Muller Arm with Creasing Matrix

Push the Muller arm towards the creasing matrix, aiming the female wheel into the central channel lightly against it, tighten the Muller arm thread.

INSTALLATION GUIDE CONT. . .

IMPORTANT

At this stage please check to make sure that the female wheel middle channel is exactly central to the creasing matrix. It may be necessary to use a torch during this procedure as lighting in this area may be poor.



Step 7 - Installation Check

Now check the pressure against the creasing matrix. You can gauge this by threading a strip of cover stock material under both wheels, checking for suitable resistance. The matrix should sufficiently grip the cover as it enters both wheel. The wheel should run freely after the cover exits the creasing area.

Use existing fine adjustment dial to + or - the strength of crease.

MATRIX CREASING GUIDE

There are three types of Matrix available to crease the full range of cover stock materials.

- ORANGE = 100 - 135gsm
- WHITE = 135 - 250gsm
- YELLOW = 250 - 350gsm (Wide option)

RE-USEABLE MATRIX

Each matrix can be carefully peeled off and re-used.

We also provide creasing solutions for the following machines:

Folding Machines

Stahl/Heidelberg
MBO
Herzog & Heymann
GUK
Horizon
Shoei
Bremmer
Morgana
MB
Eurofold
Rollem (scoring machines)
Rosback (scoring machines)
Multigraf (scoring machines)

Stitchers

Muller Martini
Heidelberg
Hohner
Osako

Perfect Binders

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