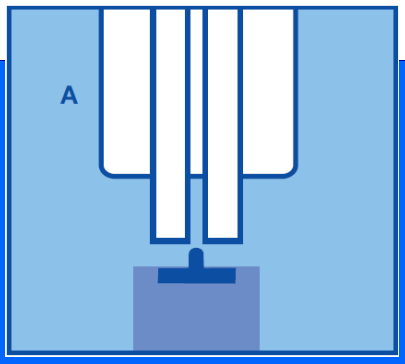
Testing the cover feeder

Place a piece of stock cover into the grippers and turn the drum by hand so that the stock passes over the female. Remove the creased stock before it passes under the folding unit and check the crease quality. The crease should be giving a distinct even sided crease. If this is not correct the female should be moved slightly until a good even sided crease is formed.



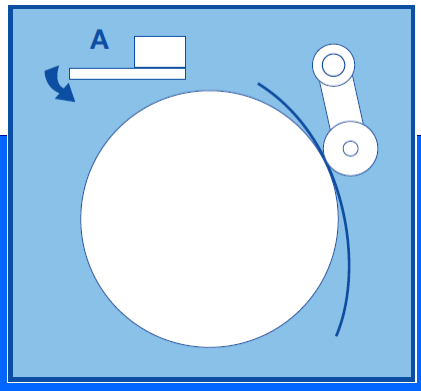
It is important to remember that maximum results can only be achieved through central alignment of the female channel to the creasing matrix.

When this has been achieved push the positioning ring (A) on the stub shaft up to the creasing arm and lock in place using a 2.5mm hexagon key.

Step 4—Setting the calliper

Place the correct stock into the callipers and adjust until the optimum crease is obtained. The female should spin freely where there is no cover stock passing over the female.

The Tech-ni-Fold Spine Creaser installation is now complete.



Installing a new matrix

When removing the old glue strip from the matrix it is important to remove all the clear plastic tape that is hidden inside the glue strip. Clean the old glue away using white spirit and dry off, rub the horseshoe recess with an abrasive brush to remove all traces of the spirit as this can dissolve the glue strip on the back of the new matrix.

MATRIX CREASING GUIDE

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

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

RE-USABLE 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 & Haymann, GUK, Horizon, Shoei, Baum, Morgana, MB, Rollem (scoring machines), Rosback (scoring machines), CreaseStream, Agor Turbo Creaser

Stitchers

Muller Martini, Heidelburg, Hohner, Osako

Perfect Binders

Muller Martini, Kolbus, Wohlenberg, Horizon

INSTALLATION GUIDE

For ST-350 & ST-450

SPINE — CREASER

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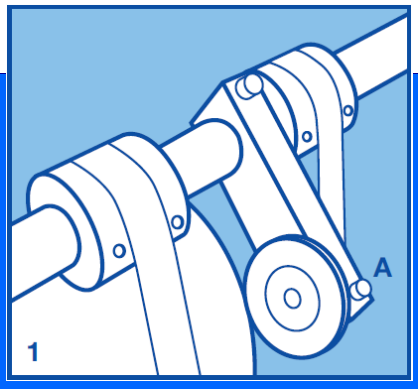
Email: info@technifold.co.uk
Website: www.technifold.com

INSTALLATION GUIDE

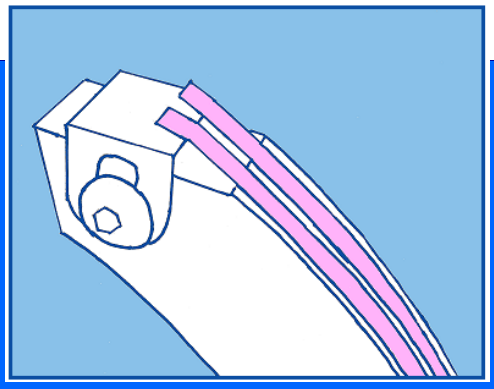
Before installation make sure all power to the machine is switched off. Ensure that all residue such as dust and grease is wiped from the feeder drum using white spirit or similar cleaning substances.

The cover feeder clutch must be set in the out of drive mode to allow a forward motion of the drum to be manually turned during make ready.



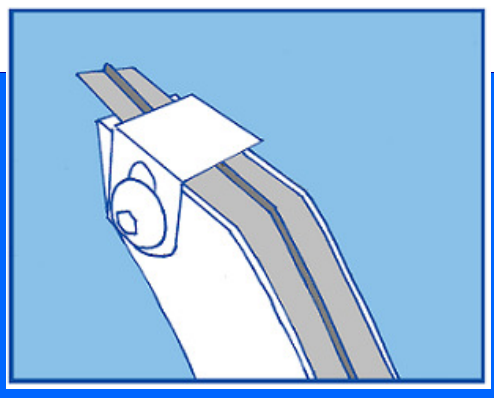
Step 1—Remove Old Device
Remove the creasing wheel (A) with a number 5mm hexagon key is located the pressure creasing arm.

Step 2
Unscrew the 3 x 10mm bolts that hold the horseshoe creaser to the drum this is located in the centre of the cover feeder, the horseshoe should now be detached and hang loosely from the drum. With the gripper and sucker bar facing towards the direction of the stitching heads the shoe needs to be rotated by hand in a clockwise direction so that it can be pulled free without getting stuck on any feeding mechanisms.
The new stainless steel horseshoe can now be fixed back onto the drum using the same method as the removal process.



ST350 027

Place the red 2 sided adhesive on each side of the drum.
Remove the protection strip to expose the adhesive.

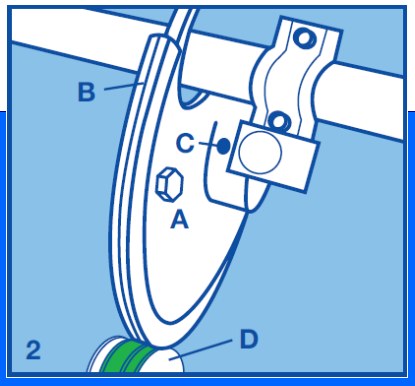


ST350 030

Insert creasing matrix into the alignment channel.
Place matrix under the brackets.
Push bracket onto matrix and tighten fixing screw.
Trim of any protruding surplus matrix.

Choosing the male rubber creasing matrix which corresponds to the weight of the stock you are about to crease.

- Orange dot creasing matrix (Mould 24) = 80-135gsm
- White dot creasing matrix (Mould 23) = 135-250gsm
- Yellow dot creasing matrix (Mould 22) = 250-350gsm



Starting at the opened gap (B) in the horseshoe (the paper stock creases after the first 25mm) push the matrix into the recess all round the drum and trim off any protruding excess with a sharp knife.
Centralise the horseshow drum. This is achieved by loosening the 2 screws holding drum (C) on the main drive shaft. Gently push the drum sideways to centralise the matrix with the centre of the green recessed belt (D) this is located immediately after the horseshoe. When this has been achieved retighten the 2 drum fixing screws.

Step 3—Choosing the female channel width

Unscrew the hexagon screw located in the centre of the female. Gentle push the female away from the stud shaft and replace the correct female channel width.

- Orange dot = Small—80 –170gsm
- White dot = Medium—135-300gsm
- Yellow dot = Large—280—350gsm

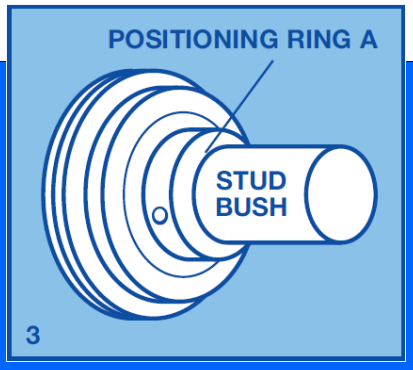


Diagram1
Attaching the female
Slide the stud through the 17mm opening on the creasing arm (A) and tighten with a No5 hexagon key.

Push the desired female onto the special fitting stud bush and tighten with a No 5mm hexagon key

Screw the No 5 hexagon key holding the stud in place.

Align the female into the centre of the black rubber matrix and tighten the No5 hexagon key again.

The cover feeder is now ready for testing.