Installation Instructions for
Heidelberg Prosetter / Macey / Sheridan Cover Feeder

***Please read this manual entirely before proceeding with installation***

Before installation takes place it is important to check if the original scoring wheel is set into the centre of the machine.

The procedure to carry out this check is as follows:

Place a sheet of cover stock that has a solid colour running down the side of the spine. Feed the cover stock around the drum and align with the spine colour block.

Release the pressure adjustment knob so that it does not touch the paper as a cover is fed around the drum and check if the cover is creasing in the same position.

If the crease is not in the same position, the drum or the pressure adjustment mechanism will require centralising.
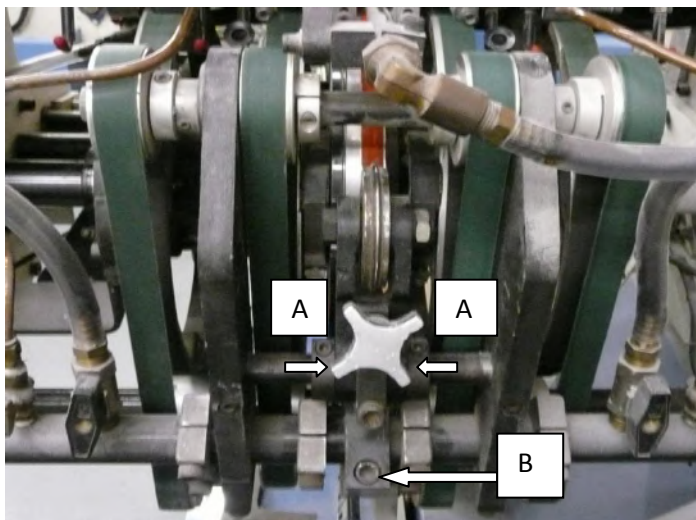
After checking the centralisation of the original crease, push the 2 location collars (A) against the side of the pressure knob mechanism and lock with the fixing screws.

Loosen the hexagon nut (B) and pull back the pressure knob mechanism.
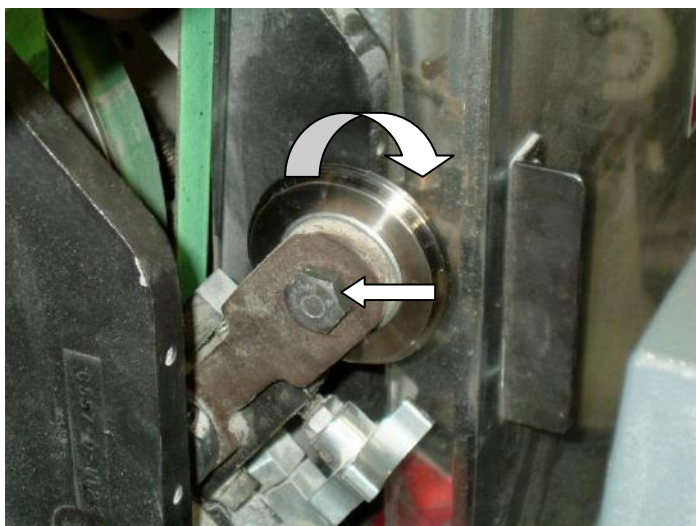

Remove the original crease unit by unscrewing the central bolt.

Depending on the cover stock weight you are working with, choose either the Orange (narrow) or White (wide) Female Channel setting supplied in with your Tech-ni-Fold kit (see page 4 of this manual).

Using an abrasive cloth remove all traces of dust from the feeder drum, especially were the black rubber matrix is going to be situated.
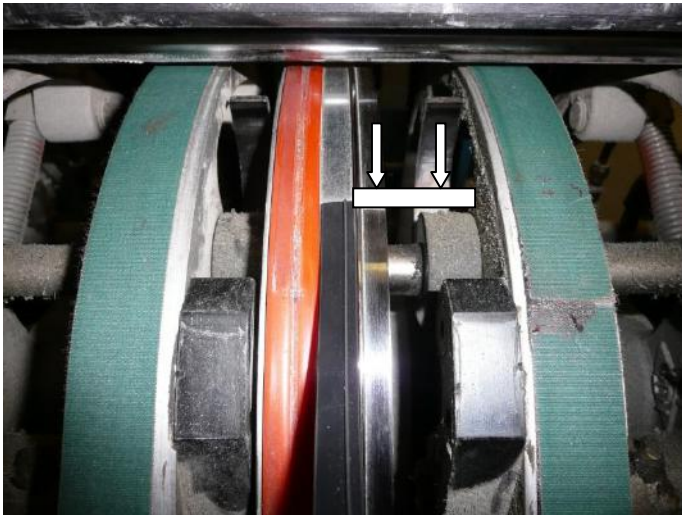
See left the positioning of the Tech-ni-Fold creasing matrix.

Align the black creasing matrix with the suction bar located just above the grippers.

Pull off the 2 sided adhesive backing paper from the matrix and push down on to the feeder drum.

Rotate the feeder drum until the black creasing matrix over laps. Cut off the excess matrix leaving an overhang of 1mm.

To obtain a perfect join, push the 2 ends together.
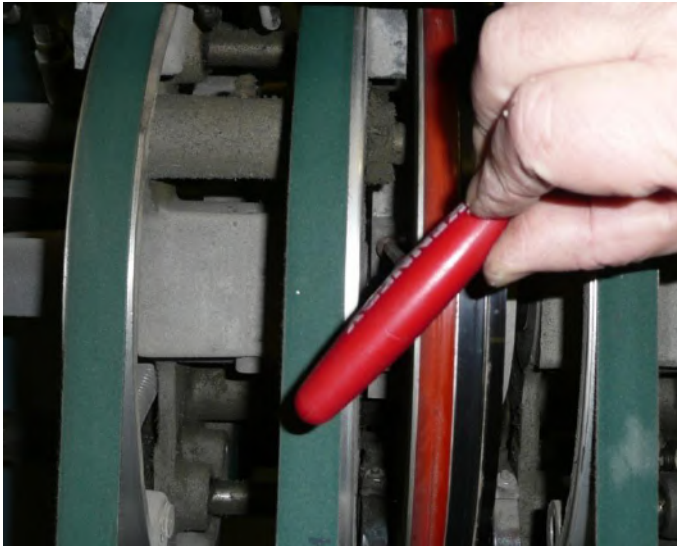
It may be necessary to move the feeder drum so that the protrusion on the black creasing matrix is in-line with the centre of the female channel.
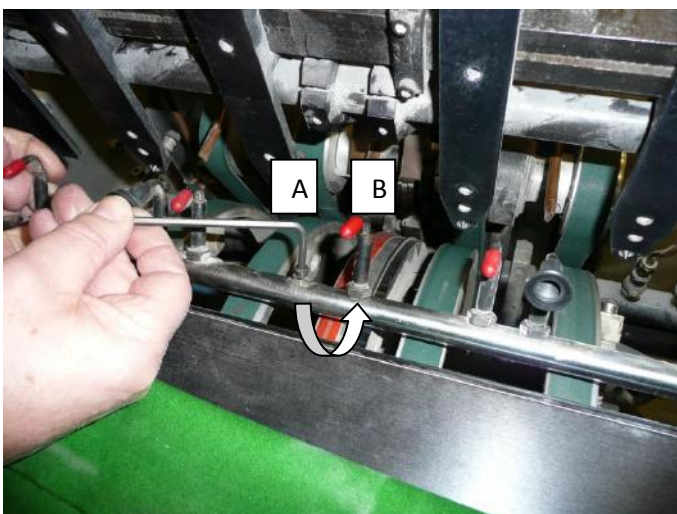
To move the drum it must be rotated until the 2 clamping screws become visible.

Unlock the 2 screws and the drum can be pushed sideways.
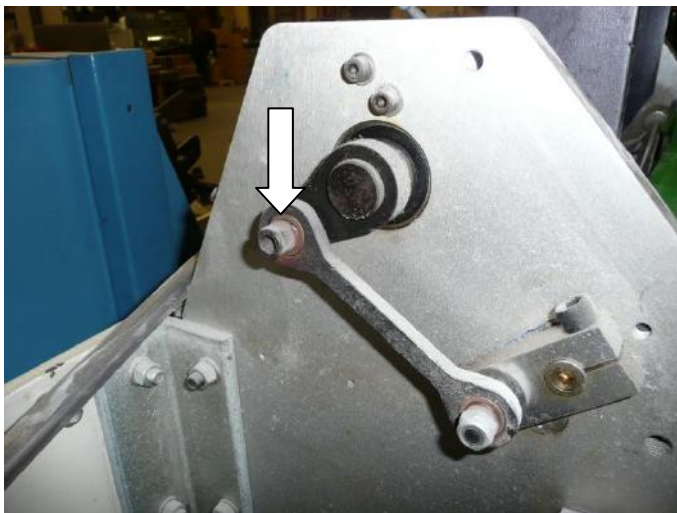
If the drum touches the central suction feeder arm it will be necessary to reposition the arm.

Remove the side guard on the far side of the feeder and remove the fixing bolt as shown.

Unscrew the suction bar blanking screw **(A)** and the central suction arm **(B)** and exchange parts.

The drum can now be aligned with the female channel at the back of the feeder.
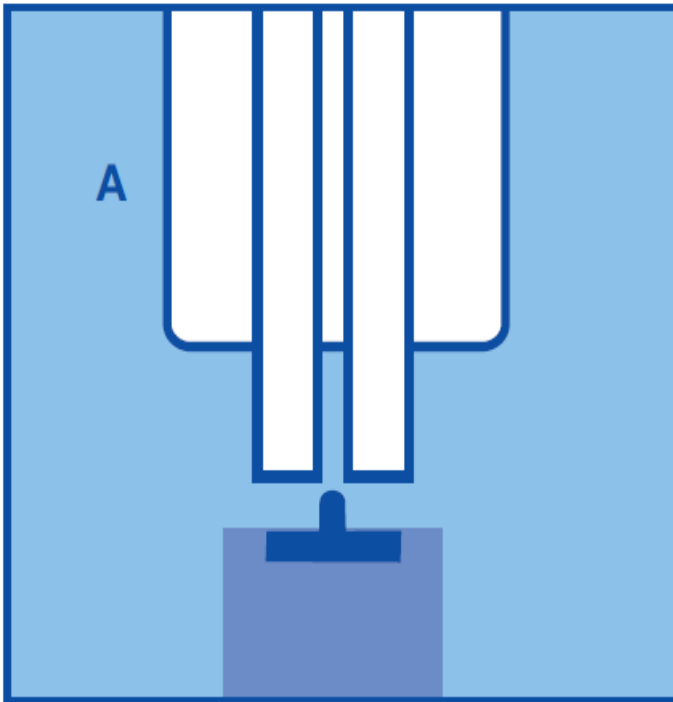
Selecting the Required Female Channel Setting

There are 2 female channel settings (or widths) to choose from supplied in your Tech-ni-Fold kit:

Orange Dot – for light stocks 150-280gsm

White Dot – for heavy stocks 250-350gsm

It is important to centralise the male creasing matrix and the female channel (as shown).

Testing the cover feeder

Place a piece of cover stock into the grippers and rotate 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 drum should be moved slightly until a good even-sided crease is formed.

Getting the cover feeder to feed square

With each drum revolution the cover feeder uses 2 covers. Each of the grippers must be set with the correct amount of grip pressure. Failure to have equal pressure will result in the covers position varying and not being creased square.

Setting the grippers correctly can be a time consuming operation. Please check the gripper threads on the small grub screws are not damaged as they will be too difficult to set correctly.

These small screws are adjusters to rectify the out of square sheets.

Each gripper must hold the paper with the same amount of grip.
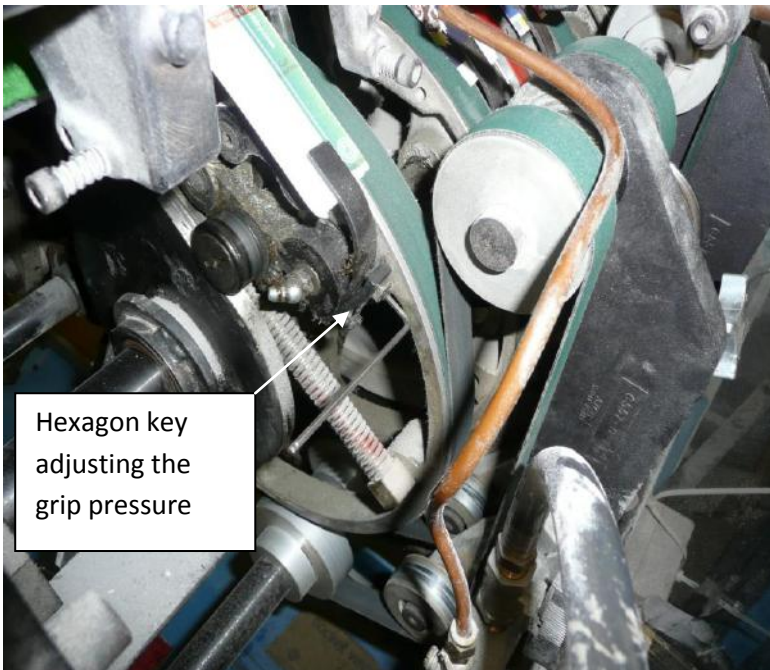
Hexagon key adjusting the grip pressure

8 x grippers in total

1 revolution of the feeder drum feeds 2 sheets of paper

All gripper should be set with the same amount of grip