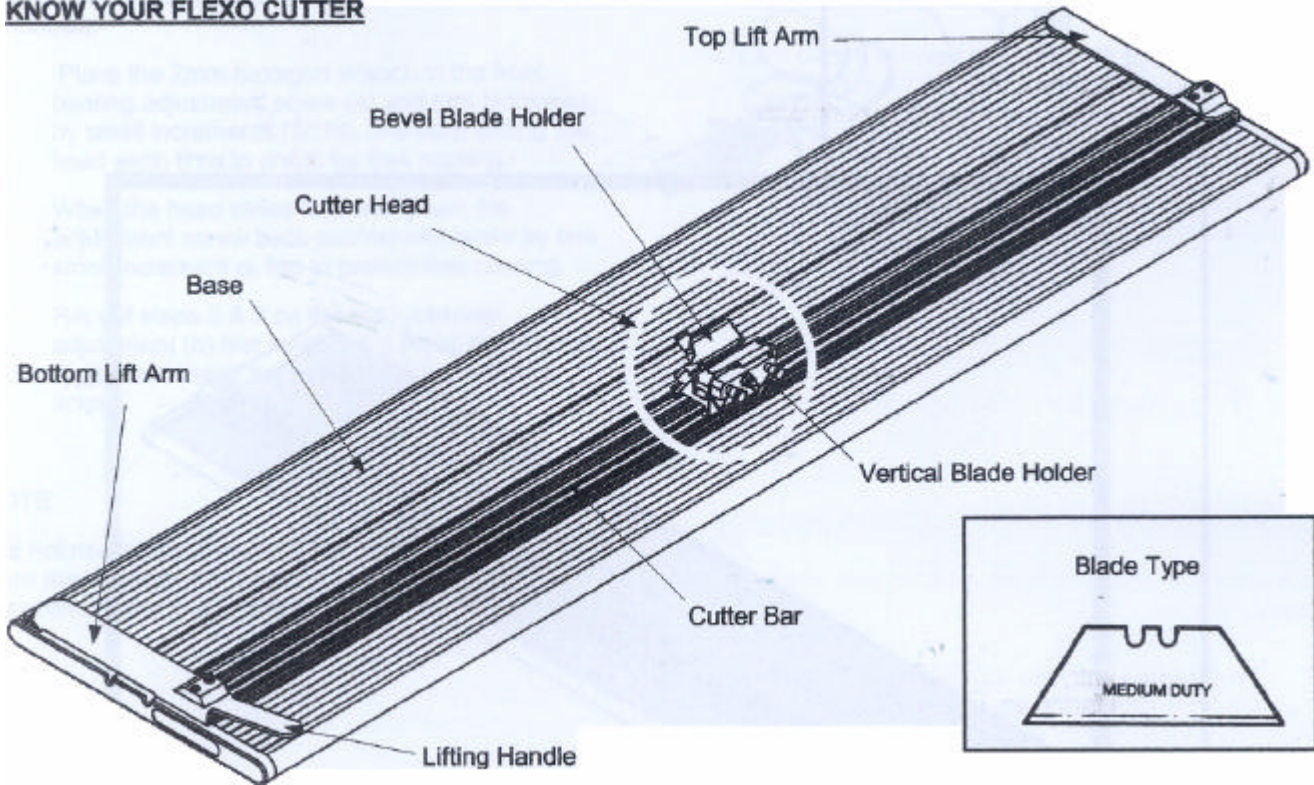


# Twin Razor Flexo Plate Cutter - User Instructions

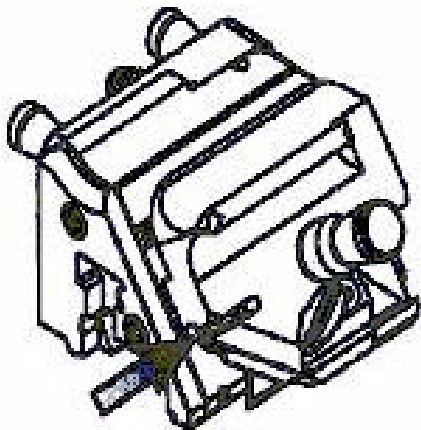
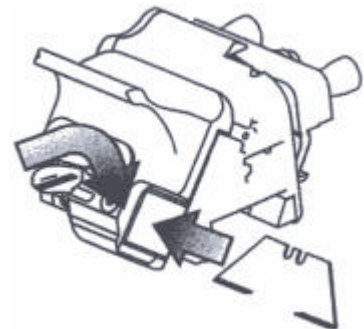
Thank you for choosing the TWIN RAZOR FLEXO PLATE CUTTER. Every effort has been made to bring you a superbly built product with the promise of many years of good service. In order to obtain maximum benefit from your machine please read these instructions carefully. For advice and assistance or replacement parts please contact Flexo-Technic Handels GmbH by phone +49-6181-6709055, by fax +49-6181-6709056 or by e-mail fth.gmbh@t-online.de

## KNOW YOUR FLEXO CUTTER



## INSERTING THE BLADE

Insert the blade into the back of the Bevel Blade Holder and push it as far forward as it will go (onto the Blade-Stop), turn the wing bolt clockwise to clamp the blade. The Vertical Blade Holder works in the same way except it does not have a Blade Stop, blade depth control on the vertical cutter is not so critical.



## Blade Depth Adjustment

The Bevel Blade Depth Adjuster is situated in the front of the Bevel Blade Holder and can be adjusted using the 2.5mm Allen key provided with the machine. By having the least amount of blade protruding the Flexo will not only cut easier but produce a smoother and more accurate cut..

There is no Blade Depth Stop on the vertical cutter, just set the blade depth by eye so that it protrudes through the thickest material normally cut. As the blade is cutting vertically the pressure on each side of the blade is relatively even, when bevel cutting it is not and can result in the blade bending if it is extended too far.

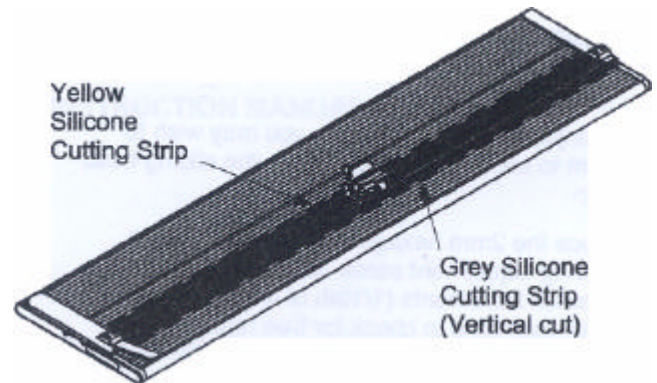
# Twin Razor Flexo Plate Cutter - User Instructions

## SILICONE CUTTING STRIPS

There are two silicone cutting strips mounted in the base of the cutter, yellow for the bevel cut and grey for the vertical. The strips are designed to support the underside of the material being cut therefore giving a clean cut edge.

It is important, particularly on the bevel cutter, to set the blade depth so that it does not cut all the way through the strip. The strip may require changing periodically, contact Foster for replacements.

The velour strip on the underside of the cutter bar is also replaceable.



## USE ON A FLAT SURFACE

It is important that the table surface the cutter is mounted on is relatively flat. If not the base and cutter bar may not clamp the material correctly allowing it to move while being cut.

## CUTTING FLEXO

Here are some helpful hints for achieving the best results:-

1. To eliminate entry and exit burrs, always cut with the base side facing up.
2. To protect the emulsion side from scratching, place the foam protector sheet (used for shipping between each flexo plate), on the base board.
3. To stabilize the plate for ultra-fine trimming, place a piece of white mat board between the plate and aluminium baseboard. Start your cut 1" in from the edge. Come back and complete the cut from the edge.
4. To obtain smooth clean edges and avoid fracturing (especially on thicker flexo plates), we recommend multiple passes and frequent blade changes.
5. When bevel cutting thick flexo, the blade tip may run out of the groove holding the yellow silicone cutting strip. Place a piece of mat board under the flexo plate and adjust the blade so the tip just cuts into the surface of it therefore not scoring the baseboard.

## CLEANING

Your Flexo Cutter is a precision made machine and will give many years of accurate and reliable service if you follow these few simple steps.

Keep all liquids (including tea and coffee) away from the machine - spillages spoil the machines performance and the Flexo cut upon it.

Dust vacuum daily. For stubborn stains use detergent/ water mix firstly applied to a cloth.

Cover the machine overnight with a plastic or fabric sheet.

In the event of heavy soiling solvent cleaners can be used but:-

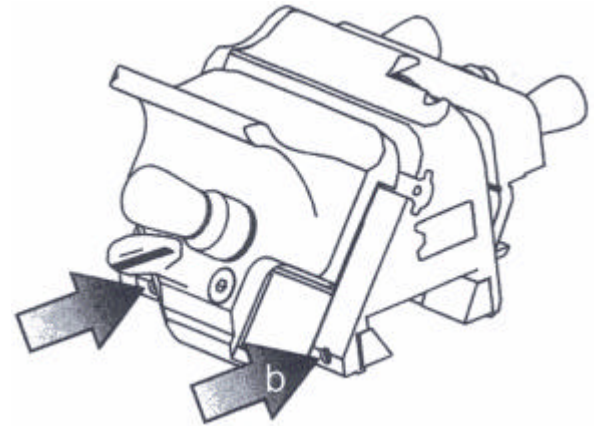
- Apply the solvent to a cloth and not directly to the machine.
- Read and comply with the solvents safety instructions.
- Do not allow the solvent to come into contact with any printed or plastic parts of the machine.

# Twin Razor Flexo Plate Cutter - User Instructions

## **ADJUSTING THE CUTTER HEAD BEARINGS**

As the bearings settle into position you may wish to adjust them to eliminate side play from the sliding head as follows:

1. Place the 2mm hexagon wrench in the front bearing adjustment screw (a) and turn clockwise by small increments (1/16th of a turn) sliding the head each time to check for free running.
2. When the head slides less easily turn the adjustment screw back counter-clockwise by one small increment or two to restore free running.
3. Repeat steps 2 & 3 on the back bearing adjustment (b) first rotating the bevel blade holder to gain access to the head of the adjustment screw

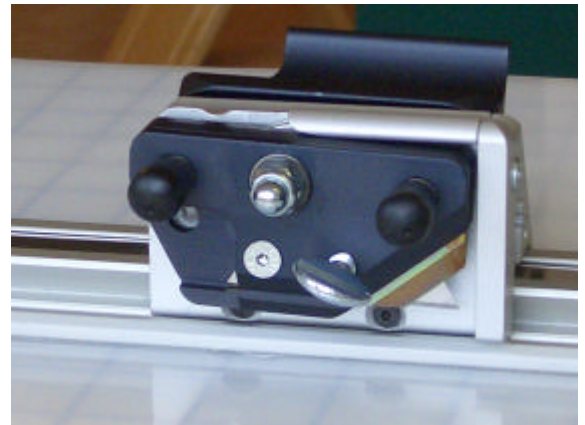


## **NOTE**

It is not necessary to remove the head for cleaning and once the bearings are adjusted to your preference you may never have to do it again.

## **LUBRICATION**

Lubrication of the cutter bar should not be necessary if the cutter is kept clean. However, should you wish to, use silicone lubricant preferably applied with a sponge pad or spray applied to a cloth first. Follow the health instructions on the spray cans.



**DO NOT USE OIL, GREASE OR MULTI-PURPOSE PENETRATING OIL  
ON THE CUTTER BAR**