Tri-Creaser

The revolutionary Tri-creaser totally eliminates "fibre cracking" on all popular types of folding machines.

Here are a few facts

- There are already 6000 Tri-creasers sold world wide
- Heidelberg have purchased almost 2000 Tri-creasers in the last 2 years
- We also supply Folding machine manufacturers GUK and MB as well as many more global leaders
- We have developed over 50 versions of the Tri-creaser
- The Tri-creaser has been tested against the top scoring systems worldwide and has out performed them all significantly in ease of set up, efficiency, versatility and finished quality
- The Tri-creaser out sells the best of the rest 20 - 1

Here are a few benefits

- The Tri-creaser has been designed with the least experienced of operators in mind, it is surprisingly simple to use
- The depth and quality of crease is matched only by flat bed cylinder methods, in fact you wouldn't tell them apart
- All the crease width and depth settings have been built into the design for every possible material weight, regardless of grain direction and solid ink coverage
- The Tri-creaser creases as fast as your folding machine can run, up to ten times quicker than the cylinder
- On average the Tri-creaser pays for it's self between 1-3 job runs
- Outsourcing your creasing work will become a thing of the past, saving your company a major expense in time and money
- The Tri-creaser comes with a unique risk free money back guarantee

How does the Tri-creaser work?

The Male component has a series of varying depth and width channels machined into the outer surface. Any one of two colour-coded creasing ribs is simply inserted into the relevant channel for a particular weight of material, regardless of grain direction or ink coverage, the crease depth is determined by the height of it's protrusion from the outer diameter. To achieve a lighter crease the same creasing rib can be extracted and inserted into a deeper groove where it's outer protrusion becomes less. When both parts are matched on the exit shafts of your folding machine, correct depth and width of crease are perfectly achieved.

So what machines does the Tri-creaser fit?

FOLDING

MBO
Stahl/Heidelberg
GUK
Herzog & Heymann
MB
Horizon
Baumfolder
Bonelli
Morgana
Eurofold
Shoei

CREASING

Dick Moll
Pierce
Rollem
Roto crease
Rosback

ONE OFF PROTO-TYPES CAN BE DESIGNED FOR SPECIFIC REQUIREMENTS

Tech hi Fold

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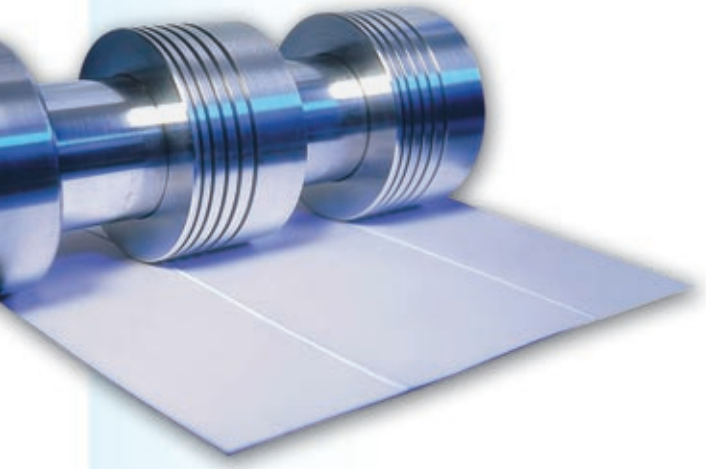

Frequently Asked Questions

How is the Tri-creaser different from other rotary methods?

The Tri-creaser uses a specially formulated resilient rubber creasing rib in a cleverly designed holder. The settings have been inbuilt so the operative can easily produce a multitude of crease widths and depths to suit any material weight. The Patented Tri-creaser is the only rotary creasing device that totally eliminates “fibre cracking”.

Why can’t I use my existing scoring system that came with the Folding machine?

The Folding machines existing score kits are designed for weakening a pre-folded sheet so that subsequent folding is made easier. When the score is used for creasing single cover stock, the steel is too harsh for the material and damages the fibres. The score is V shaped and pushes the fibres from the inside, causing spine damage. The Tri-creaser works the opposite way, gently stretching the fibres from the outside, resulting in a smooth non-cracked spine and a perfect inside ridge.

Can the Tri-creaser prevent “cracking” even on cross grain material?

The Tri-creaser eliminates “cracking” regardless of grain direction. In fact in tests undertaken by Heidelberg and Sappi it was proven that results were slightly more positive when creasing against the grain.

How does the Tri-creaser cope with lighter stock?

Originally the Tri-creaser was designed to crease 170gsm and above because that was the main requirement and so we met early demand.
The Tri-creaser has been upgraded to include lighter and narrow crease options to suit paper, as this is a rapid growth area.

What is the heaviest stock that the Tri-creaser can cope with?

The Tri-creaser can cope with any material that you may process through your Folding machine.

Does the Tri-creaser work well on coated materials?

Yes, the Tri-creaser is equal to Cylinder quality, even on coated materials.

Can we use the Tri-creaser on Digital output?

The Tri-creaser was invented before the problems of finishing Digital became too apparent. Fortunately our products have fitted into this niche market perfectly and we have been successful in many projects and collaborations with other manufacturers that operate in this area.

Can we leave the Tri-creaser on the Folding machine when not creasing?

The creasing rib can be extracted from the Male holder with a special scriber tool and placed in the storage compartment in the side. This operation can be carried out while the device is still on the Folding machine in a matter of seconds.

Have you a creasing system that fits our old machine?

We have designed well over 100 types of creasing systems in the last four years (including 50 types of Tri-creaser). If we haven’t come across your machine, we would be delighted to quote a price for a one-off special. We may even be able to keep the cost down if we discover other potential buyers with the same requirement.

What cost savings can we hope to make?

We have found that most Printing companies save between £10 000 - £20 000 per year. Some of the larger companies are reporting on savings in access of £30 000 annually.

What other innovations are on the Horizon?

Tech-ni-fold have many projects ongoing, both customer and Manufacturer driven. We are constantly inundated with requests with the view to produce proto-types for all types of Printing and finishing equipment.