

# Introducing the Innovative World of Tech-ni-fold

Global Leaders in Print  
Finishing Solutions



Tech ni Fold

# Introduction

## Company Profile

### Amazing journey

Tech-ni-fold was founded in January 1999 based on an extraordinary idea to radically improve scoring cover stock on a folding machine.

Graham Harris, the factory floor print finishing manager became the creator of the Tri-creaser, the world's first and only rotary creasing solution that matched the proven letterpress method. This amazing discovery was to catapult Graham into an exciting journey that even he could not have imagined.

### Heidelberg contract

In July 2000 Graham secured a purchasing contract with none other than global giants Heidelberg to supply two of his products, this arrangement has continued to the present day. Graham soon signed similar contracts with other well known machine manufacturer's, and the word was rapidly spreading.

Graham's one man operation was about to flourish and things would never be the same again.

### Strong Distribution network

Today Tech-ni-fold employs seven and has a strong distribution network in prominent markets including UK, USA, Germany, France, Italy, Spain, Australia as well as successfully entering new and emerging countries China and India. With almost 20,000 Tri-creaser sales reached in April 2006, Tech-ni-fold has established themselves firmly as leaders of creasing technology throughout the world.

### Innovation and continued development is the key

Built from the Tri-creaser phenomenon, Tech-ni-fold have dynamically expanded their product range to cover other critical and specialised areas throughout the post press sector and are also heavily involved in machine concept and design.

Innovation and development are of the highest priority with nearly 200 unique products designed and successfully sold via their International partnerships.

### Purpose built premises

Recently relocated into their purpose built premises, Tech-ni-fold are equipped to carry out state of the art technical and marketing training for their ever growing distributor base.

An impressive show room arena also doubles up as a research and development facility.

### Customer driven

Listening to what the customer wants and turning those thoughts into reality is a simple philosophy that is practised on a daily basis by the staff at Tech-ni-fold.



Graham Harris  
Managing Director

### Bringing an idea to the world market

"In my experience the great ideas often come from people that work on the factory floor. These ideas are very difficult to get off the ground and ultimately end up with a corporate company that can invest huge amounts of money into marketing them."

I am immensely proud that I have managed to bring my own idea to the world market, enjoying the kind of success I could only ever have imagined.

Further to my own breakthrough into such a niche market I am delighted to be surrounded by equally enthusiastic members of the Tech-ni-fold team, forever evolving and generating innovative solutions now and far in to the future."

### My personal guarantee

"I understand scepticism and natural resistance to new products and this is why I urge you to take full advantage of the **Tech-ni-fold guarantee** printed on the inside of the back cover."

Offering our customers a **full refund** if they are not completely satisfied is my way of standing behind our products 100%."

### Manufacturing and technical excellence

All the products you will see throughout this brochure are manufactured to the highest levels of engineering excellence using the very best materials available. Each device is totally unique to the market, designed by Tech-ni-fold technicians that have specialist knowledge and many years of invaluable machine operating experience. The same technicians are the people that you may talk to when needing more information even before considering making a purchase.

Tech-ni-fold is committed to providing the very best solution available on the market and this is essential to our continued expansion and success.

# Tri-Creaser Easy-Fit

Spelling the end of “cracking” problems on your folding machine

...instant crease style change

Eliminates cracking on stock range 100-350gsm

**Instantly transform your folder into an integrated folding and creasing machine with guaranteed perfect results.**

- Produce Cylinder quality creasing as fast as your folder can run
- Save thousands of pounds and hours and hours of wasted time
- Choose from eight settings, and at the flick of a finger change from one to another according to the weight of stock you run through the folder
- Get even your most inexperienced of operators to achieve amazing results within minutes, it's that simple
- Enjoy the benefit of a return of investment after only three or four job runs
- Have reassurance that the Tri-creaser is comprehensively guaranteed, meaning that you can instantly receive a 100% refund if you are not completely happy with the results.

#### Added Benefits:

##### ■ Enhanced quality of crease

The newly designed and more robust “gripper-crease” acts as a cushion, absorbing uneven shaft pressure adding greater crease depth as well as enhanced sheet support.

This breakthrough is particularly advantageous for companies that struggle to deal with lighter paper stocks on existing Letterpress Cylinders.

##### ■ Even more creasing impressions

The Gripper crease ensures extra durability.

##### ■ 100% colour coding

Matching of male crease with corresponding dot coded female channel eradicates any confusion during make-ready.

##### ■ Side-loading and spare storage

Simply push-fit your choice of Gripper-crease contained in the storage recess. This allows for a super quick change of creasing style without altering crease position.

All three choices of gripper-creases are retained within the body of the male component.

#### Testimonial

*“I want to express to your company how well your creasing device has worked for Quebecor World. We have a customer that requires a virtually perfect, back bone on a saddle stitched book, using coated 10 pt cover.”*

*“Prior to using the creasing device, we were offline scoring on a sheet fed press and still could not achieve perfection. We nearly lost this customer due to this issue. Then we tried your device and it solved the problem immediately.”*

*“Since the beginning, this device has worked flawlessly. It has worked so well; we have purchased additional units in some of our other divisions.”*

**Pete Magrino, Bindery Technical Supervisor  
Quebecor World Cincinnati**



**Standard Tri-creaser Available for the following Machines**

Baumfolder  
Bonnelli  
Bremmer  
Dickmoll  
Econocreate  
Eurofold  
Fidia  
GUK  
Heidelberg  
Herzog + Heymann  
Horizon  
MBO  
Morgana  
Pierce  
Rolle  
Rosback  
Roto-Crease  
Shoei  
Stahl

#### Easy-Fit

#### Available for the following Machines



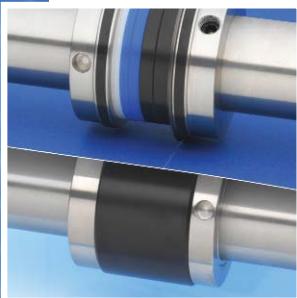
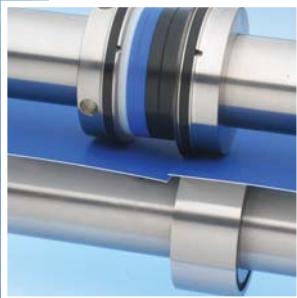
DCM  
GUK  
MCM

Heidelberg  
MB  
MBO

Rolle  
Rosback  
Stahl

# Multi-Tool

Keeping work away from the Guillotine & Cylinder



This versatile device can solve all your cutting and micro-perforating problems with its ability to produce outstanding quality results to a standard never witnessed before on a Folder or rotary creasing machine.

## Using One Device - Now it's Possible to

- Slit
- Double Cut
- Micro-perforate
- Edge-trim
- Kiss-cut

### ■ Long Life

Cutting blades are made to last up to 5 times longer than existing versions that other manufacturers offer.

### ■ Scissor Action

The Scissor Action design ensures that the cutting standard reaches the quality usually witnessed only on paper guillotines.

### ■ Self Sharpening

The uniquely designed double sided and hardened cutting bosses enable them to Self Sharpen during production, resulting in extended life span.

### ■ Micro-Perforation

The fine and almost invisible style of the Micro-Perforation simulates the Letterpress application. 17tpi, 25tpi and 52tpi (teeth per inch) perforation blades are included. 12tpi and 72tpi blades are also available on request.

### ■ Long Lasting

Our double bevelled perforation blades out last all others of their kind many times over.

### ■ Trouble Free

Edge-trimming has never been easier to apply, guaranteeing trouble free production from the very outset.

#### Testimonial

*"No more furry edges, in fact the quality of cut is as good as a guillotine and has stayed sharp throughout the many jobs we have run so far. Our operators have also been impressed by the assortment of options at hand, especially the micro-perforating."*

*"The Multi-tool appears to be another truly revolutionary innovation and we would have no hesitation in endorsing its quality and durability to any potential buyer."*

**Tony Morgan, Bindery Manager  
Bezier Corporate Print, Dorset, UK**

#### Available for the following Machines



DCM  
GUK



MCM  
Heidelberg

Horizon  
MB

MBO  
Stahl

# Micro-Perforator

Produce fine, die quality micro-perfs with this powerful accessory



## Now you can produce a nearly invisible micro-perf at up to 72 teeth per inch.

Until now if you wanted a micro perf on your job, you would probably have run it through a separate operation on your press or die cutter using special steel rule dies or press perf, or run it on a specially equipped stand-alone perforator.

Unlike conventional perfs, the Micro-perforator is designed to kiss-cut the sheet, and the narrow profile perf blade cuts through only to the bottom of the sheet, not beyond, which also minimises the knife area in actual contact with the sheet.

This means you get a cleaner, finer cut which permits the sheet to lay flat, and because the Micro-perforator's blade is mounted on a special shock absorbing cushion, you get an accurate, precise kiss-cut the entire length of the sheet.

Micro-perforator blades are break resistant for two reasons:

1. Strong double bevel construction
2. They cut against a comparatively softer nylon rather than steel

You get perfect, straight line micro perfs without the cost or the headache!

- Eliminate micro perf outsourcing
- Save hours and days in turnaround time
- Produce sheets that will run through laser printers and copiers
- Sell jobs that you used to turn away
- Save thousands of pounds on smashed printing press blankets
- No installation required, simply slide into folder's slitter shafts
- No special operator skill needed
- Free up your printing press and die cutter for profitable work
- Never break a perf blade again!

### Testimonial

*"We have just completed our second job with the Micro-perforator and have already recovered the cost we paid for it. Now we can complete work quicker with superior results than previously and with a lot more control."*

**Phil Fredericks,** Wood Mitchell Printers  
Stoke on Trent, UK



### Available for the following Machines

Baumfolder  
DCM  
GUK



MCM  
Heidelberg  
Herzog + Heymann

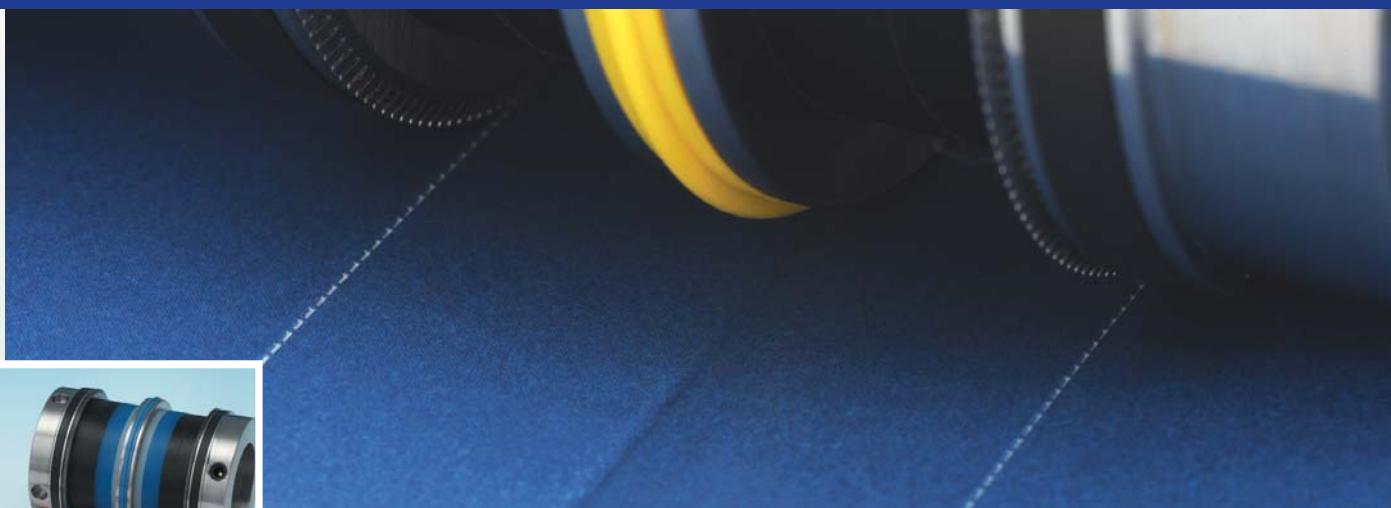
Horizon  
MB  
MBO

Stahl



# CP-Applicator

The ultimate close proximity creasing and perforating applicator



**Now it is possible to produce two almost invisible micro-perforations as little as 5mm apart. The impressive CP-Applicator includes creasing options that can easily be inserted into the middle of two perforations to ensure quality fold positions.**

## COST EFFECTIVE

This specialised unit is perfect for companies looking for faster and more cost-effective ways of producing vouchers, coupons or rip-out order forms that require tear-off perforations close to the fold.

## FULLY ADJUSTABLE

The CP-Applicator is fully adjustable to allow quick change over of crease/perforation combination on any given format.

### Benefits include:

- Completely unique to the global market
- Replicates the perfect Letterpress or Cylinder flatbed method
- World class precision engineering
- Perforates as little as 5mm away from crease
- Incorporates fine and true micro-perforation options 17, 25 & 52 teeth per inch
- Produces almost invisible as well as flat micro-perforating result
- Incorporates world's leading and fully patented creasing technology
- 100% money back guarantee

### Testimonial

*"There was no other system on the market that could produce two micro-perforations so close together with the added benefit of being able to accurately fold down the middle. Now we can run 2- up book cover coupons for our saddle stitcher and leave the platen to do other work. The CP-Applicator has been brilliant for us."*

**Joe Doran, Typecraft Ltd**  
Dublin, Ireland

### Available for the following Machines



DCM  
GUK



MCM  
Heidelberg

Herzog + Heymann  
MBO

Stahl

# Spine-Creaser

Cylinder quality creasing on our saddle stitcher



**The Spine-Creaser turns your Muller cover feeder into a cylinder creasing machine. By removing the manufacturer's scoring device and substituting a specially formulated, patented creasing matrix setup, you can produce perfect creases on all types of stock that you would use as a book cover.**

This simple installation pays for itself in remarkably few jobs by adding power to your finishing operation:

- Totally eliminate fibre cracking on cover stocks
- Totally eliminate all offline scoring operations
- Totally eliminate all outsourcing of creasing you can't handle in-house
- Gets your product to market faster

Using the same technology as the Tri-Creaser , the Spine-Creaser will give you a crease that is equal to one produced on a cylinder or platen die press. So not only do you eliminate a major source of customer dissatisfaction, you do so without tying up your cylinder or platen die cutter or printing press!

By eliminating this off line operation, you free up your die cutter or printing press for more complex and profitable work and you get the job in your customer's hands that much faster.

No more tedious make ready time for simple straight line scores. Go straight to your Muller with the cut covers and you are in business.

**The unique double-wheel system is designed to achieve results unmatched by any other system...Guaranteed!**

- The first wheel produces a cylinder quality crease
- The second wheel reinforces that crease, guaranteeing zero defects
- Two wheels provide equal, constant pressure against the specially formulated matrix, helping to guide the book squarely around the drum
- Three Channel Width settings accommodate any weight of cover stock
- Special Matrix is designed to stretch and snap into feeder drums existing scoring groove



#### *Testimonial*

*"We were amazed at the quality of crease on our book covers; in fact it produced better results than our flatbed Cylinder. The installation took just 15 minutes and the effect was instant as we ran off three jobs without any drawbacks. The Spine-creaser has literally paid for itself already."*

**Paul Clifton, Spectrum Printers  
Leicester, UK**

#### **Available for the following Machines**

Heidelberg

Muller Martini

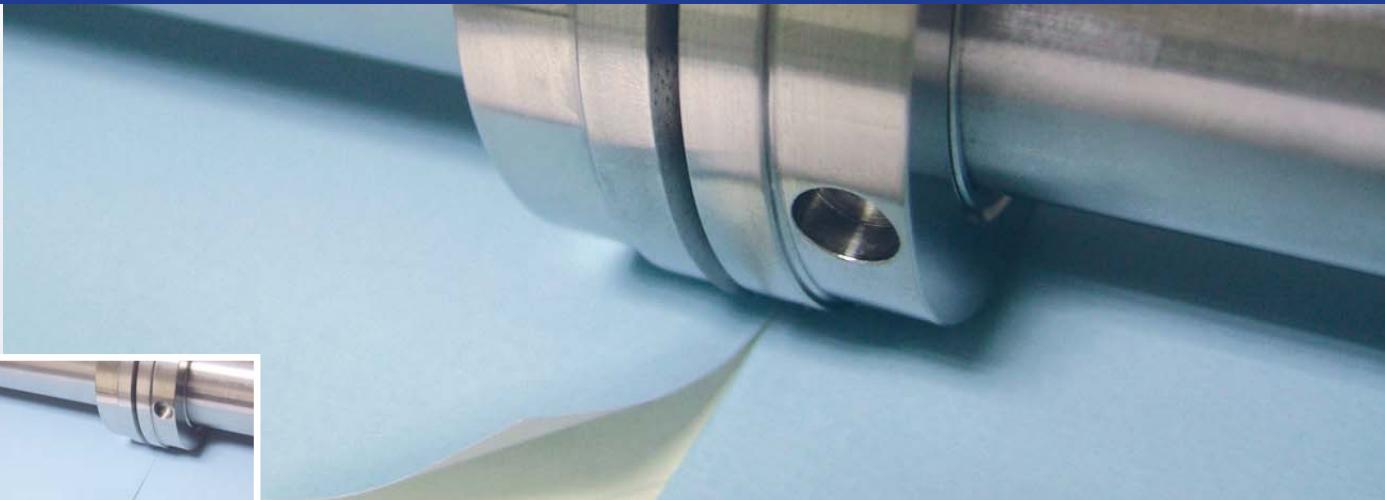
Osako

Sheridan

Hohner

# Kiss-Cutter

Special precision device for label stock



The Kiss-cutter was designed to produce highly accurate semi-slitting on self adhesive material, aiding the affective peel back of labels or similar products. Until now this application was restricted to slow and expensive flat-bed Cylinder methods that required a high degree of technical skill.

#### Benefits include:

- Easy to install
- Simple to use
- Accurate and fast
- Precision quality
- Saves time
- Saves outsourcing costs
- 100% money-back guarantee

#### Testimonial

*"The success of the Kiss-cutter relies on a combination of almost zero tolerance for each part made. The creasing shaft must also run with extreme precision for this delicate application to work to the standards our customers expect. We are very impressed with Tech-ni-fold for producing a device that complements all the other accessories we have on the DCM creasing machine. We have many customers who are mainly interested in kiss-cutting their label stock and this has undoubtedly opened up a whole new sales channel that we never would have previously expected.*

*We have run three of these devices together and are amazed at the accuracy on lighter stock and therefore have no hesitation in recommending the system to any company dealing in this specialist area."*

**Andreas Kaufmann,**  
Schneider & Co AG  
Switzerland

#### Available for the following Machines

 DCM

 MCM

# Spine & Hinge Creaser

Close proximity creasing solution for Perfect Bound books

1



2



3



4



Simply by arranging a set of red spacers the Spine & Hinge Creaser can be pre-set to accommodate the correct distance required from crease to crease.

**The revolutionary Spine & Hinge Creaser was designed to produce up to four close-proximity creases for specialist products such as Perfect Bound book covers and capacity wallets.**

#### Testimonial

*"The Spine & Hinge creaser is cheaper, much better and more practical, I didn't take a lot of convincing from that point onwards"*

Ian Whitworth, Chief Executive  
Scorpio Print Finisher's  
Leeds, UK

#### Available for the following Machines



DCM



MCM

# Quad-Creaser

## For Muller Martini Binding Machines

**The Quad-creaser is a similar device to the Spine & Hinge Creaser and fits directly onto the cover feeder of a Muller Martini Binding machine.**

The specially designed split creasing ribs allow for a fast change of setting. This modification was implemented to eliminate having to remove the machines shafts.

#### Added Benefits:

- Eliminates cracking
- Produces Letterpress quality creasing
- No ripping or tearing
- Simple to use
- Saves time
- Saves out sourcing costs

#### Available for the following Machines

Muller Martini      Kolbus



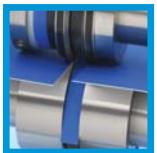
# Innovation and vision shared through joint ventures

## Creasing machine options now available

Tech-ni-fold's vision to build machines around their revolutionary and highly effective products has been shared by many globally successful manufacturer's. This means that Tech-ni-fold solutions are readily available in many forms that serve most sectors of the printing industry.



Easy-Fit



Multi-Tool



Micro-Perforator



CP-Applicator



Kiss-Cutter  
NEW

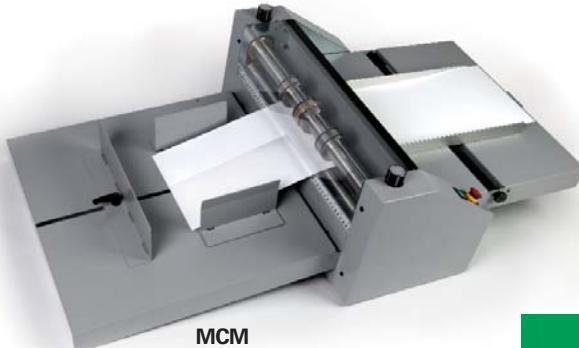


Spine & Hinge  
NEW

Six solutions available on following machines (1-3)

From Small print/copy shop and digital sector to large sheet fed market

1 Entry level Table-top creasing machine



3 High end, fully automatic version

This machine has two sets of shafts and benefits from the manufacturing excellence of folding machine giants GUK



multigraf

2 Middle range, Fully automatic creasing machine

Can be linked to existing folding stations such as Heidelberg, MBO etc.



GUK



### Creasing solution for the web printing presses

Designed as a joint venture between Tech-ni-fold and Scheffer web corporation based in Chicago USA.

Call us for more details regarding any of the above machines

# The Tech-ni-fold Guarantee

**Here's our way of standing behind our products 100%.**

They all come with this unique guarantee...

## Unique Five Tiered Risk Free Guarantee

**Guarantee 1:** If our products aren't as easy to use as we say they are – even the first time you use them, and don't save you hours of time, send them back for a full and courteous refund.

**Guarantee 2:** If our Tri-creaser doesn't eliminate fibre cracking on materials ranging from 150-350gsm – send them back for a full and courteous refund.

**Guarantee 3:** If after three whole months you are not satisfied with our products for any reason, or no reason at all, send them back to us for a full and courteous refund.

**Guarantee 4:** If after 12 months our products haven't saved you more than 5 times the cost you paid, return them to us for a full and courteous refund. Just take a photo of the product on your machine before you send it back to demonstrate you at least tried it out.

**Guarantee 5:** Our products come with a full 3 year workmanship guarantee. If for any reason our products malfunction in any way in the first three years, we'll replace them immediately – at no cost to you!

We think you'll agree no one in our industry is offering a guarantee as powerful as this. It's our vivid way of showing you the belief we have in all our products – and their ability to solve many of the frustrations we've all faced over the years.



# INTERNATIONAL PARTNERS



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