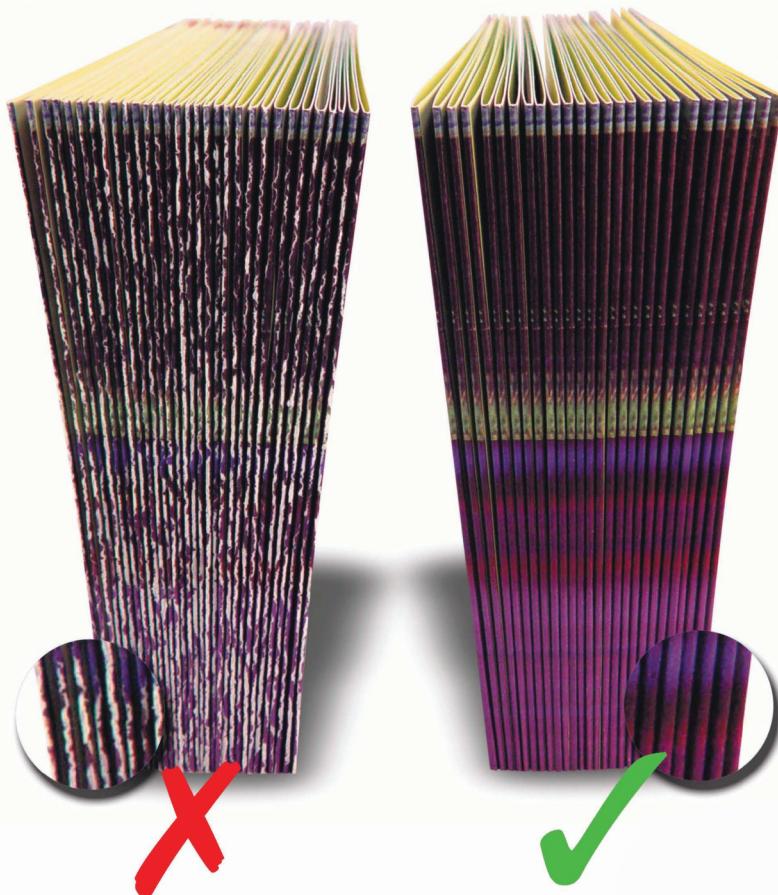




Global Leaders in creasing technology  
Eliminating fibre cracking 100%

# Welcome to the Tech-ni-Fold world of innovative finishing solutions for the global printing industry



Revolutionary and cost-effective creasing,  
micro-perforating and cutting solutions



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## Saddle Stitching & Perfect Binding Machine Solutions

If you produce stitched or perfect bound books remember: they will indeed be judged by their covers. Your text could look like a million dollars but if the spines are cracked, or the hinges don't work or it's crooked, you're fighting an uphill battle before the customer ever looks inside.

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## Multi Purpose Machinery

Have you ever asked yourself why digital creasing methods are so slow? As the digital revolution gathers pace, printers simply want faster and more efficient finishing solutions to keep up with their ever increasing workflow.

At Tech-ni-Fold we are working with some of the best print finishing machine manufacturers to bring many new innovations to the market.

Speedcreasa	20-21
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## The Tech-ni-Fold Guarantee

Back cover



■ Inventor and Managing Director of Tech-ni-Fold Ltd, Graham Harris

**"Heidelberg said it wouldn't be worth the plane fare for me to visit and now they are one of our many resellers"**

## How crease inventor entered the 'fold

The first time Graham Harris saw the creasing device he had invented actually working, a shudder ran down his spine.

*"I just couldn't believe it worked as well as it did,"* he recalls.

At the time, Harris had been working in the printing industry for over 20 years and his speciality was taking on difficult jobs and helping clients solve their print finishing problems. One process that seemed beyond the capabilities of most firms was the creasing of products such as greetings cards, brochures and book covers.

Printers faced a choice: produce an imperfect crease that cracked open, or send the work to be out-sourced.

The latter is slow and expensive, prolonging the finishing process by days and costing a middle-sized print firm a substantial investment of thousands every year. Harris's idea was to produce a device that would fit onto the most popular folding machines so that a perfect job could be completed quickly and cheaply in-house.

To build a prototype he borrowed some money and began working in his lunch hour. Then his Eureka moment came. *"I clocked out, shut myself away with the device and when I saw the results I had to take a step back as I realised the enormity of what I had."*

*"I did shift work and after clocking off at two o'clock I would travel as far as time would allow and start knocking on doors."* Customers were impressed by Harris's demonstration, and soon he was making more money selling his Tri-Creaser than he was in the day job. There was only one thing for it. He would have to take the plunge and go full time. *"My sales trebled in a matter of days and my only regret was that I hadn't done it sooner,"* says Harris.

Soon the business was building up an army of resellers across Europe, USA and Australia. One of them is German firm Heidelberg, the largest printing machine manufacturer in the world.

*"When I first approached them,"* remembers Harris, *"they said it would not be worth the plane fare for me to visit. When I finally did manage, a year later, to get an appointment with them they were so impressed they wanted exclusivity. By that time, I realised the true value of the product and they are now just one among some 25 resellers."*

Source: The Daily Telegraph, Starting Out by Jenny Hirschorn

■ Sam Scott, Hannah Woods, Lesley Woods, Sue Harris,  
Paul Barrett, Graham Harris, Tristan Owen



## Tech-ni-Fold Today

### Built on solid foundations and a strong distribution network

Graham Harris is keen to stay true to those early customers who allowed him to launch his exciting business enterprise by continuing the personal relationship.

Listening to what the customer wants and turning those thoughts into reality is the simple philosophy that is practiced on a daily basis by the staff at Tech-ni-Fold. Initial contact, ongoing technical assistance and after sales support are equally important to the expanding UK based company. Keeping ahead in the field of product excellence coupled with honest business values have helped Tech-ni-Fold build a strong foundation for life long business alliances.

Today Tech-ni-Fold has a strong distribution network in prominent markets including UK, USA, Europe, Japan and Australia as well as successfully entering the newly emerging countries of China and India. With over 35,000 Tri-Creaser sales reached in July 2008, Tech-ni-Fold have 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 over 300 unique products designed and successfully sold via their international partnerships. New projects are undertaken on an almost daily basis and whether they come from globally active machine manufacturers or individual print shops, each one is treated with equal priority.

Now established in 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 doubles up as a research and development facility for continuing innovation.

# Tech-ni-Fold have revolutionised the way creasing is performed – so what is the big secret?

Over the years many people have made the comparison between traditional rotary scoring and the Tech-ni-Fold creasing system. Here we reveal the key differences...

## Rotary Scoring

### Definition



Act of creating a line or indentation in paper so that folding is made easier.

## Rotary Creasing by Tech-ni-Fold

### What is it made from?



All steel collar, rotary scoring blade and bosses.



Act of creating a prominent U-shaped, fibre stretch channel that prevents items from cracking when folded.

### How is it used?



To prepare pre-folded paper for cross directional folding.

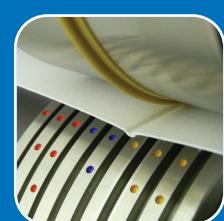


To prepare heavily printed book covers and leaflets etc to fold without the ink cracking open.

### How does it perform to prevent fibre cracking?



The steel scoring blade is too harsh and damages the fibres in the stock.



The rubber creasing ribs stretch the fibres so cracking isn't allowed to happen.

### Summary



When it comes to eliminating cracking on single cover stock material rotary scoring is inadequate. The steel scoring blade produces a V-shape impression that crushes and damages the fibres in the stock.



A combination of pre-set crease choices combined with patented rubber technology to out-perform flatbed cylinder methods of creasing, both in speed and quality.

# Folding Machine Solutions

## INLINE creasing, micro-perforating & cutting OR all three combined

Tech-ni-Fold's innovative solutions are not only restricted to creasing. In fact, our unique methods for micro-perforating and cutting are also setting new standards for print finishing excellence.

We have worked hard to produce exactly what the customer asks for and this can be summed up as follows:

### 1 Cylinder quality creasing

See pages 6 - 9 for **Tri-Creaser Easy Fit & Fast Fit** options



### 2 Cylinder quality micro-perforating and guillotine style cutting

See pages 10 - 11 for more details about the **Micro-Perf & Cut Multi-Tool**



### 3 All of options 1 & 2 combined (creasing, micro-perforating and cutting)

See pages 12 - 13 for more information on the **Micro-Perf, Cut & Crease Combo**



### 4 Specialist device that produces close proximity perforating with optional creasing through the centre

See pages 14 - 15 for more information on the **CP Applicator**



Devices getting to work on the single sheet

The Tech-ni-Fold devices are simply attached to the folding machine's output shafts (commonly known as the slitter shafts) situated after the fold rollers and buckle plates. This is also the same area where standard tools such as scoring and cutting devices from existing manufacturers are situated.

The idea is to close off all buckle plates (or insert sheet deflectors) so that the single sheet passes through the output shafts. This way the Tech-ni-Fold devices can work directly on the single sheet before being processed through the right angled second station for folding.

Once the folding machine is in production there are no limitations on speed.



## Tri-Creaser Easy Fit

**Turn your folder into a powerful creasing and folding machine that is guaranteed to eliminate fibre cracking at up to 30,000 products an hour**

Now you can produce letterpress style creasing on your folding machine and avoid outsourcing forever.

The Tri-Creaser Easy Fit is simple to set and works by loading any one of a choice of three colour-coded creasing ribs into the male component and then matching it with the corresponding dot-coded female channel.

The three specially formulated rubber creasing ribs are made with different height profiles to cater for the full range of stocks from 85-350gsm. The creasing rib dictates the depth of crease and the 8-Channel female component produces the correct width for the chosen stock.



Creasing ribs for light, medium and heavy stock

Tri-Creaser

## Features include...

### Easy way to change crease settings

The three flexible colour-coded ribs can be easily changed using a threading process as illustrated below.

Threading the rib into place:



## Here are a few benefits...

- Completely **eliminates fibre cracking 100%** on stock ranges 85-350gsm
- Produces a crease that is as good as, or better than a flatbed Cylinder impression
- Produces multiple crease settings for any imaginable print/stock combination, and works like **magic** on difficult toner based digital output
- Works just as well when it creases and folds **against the grain** as it does with it
- Works as fast as your folding machine can run with no limitations on speed
- **Pays for itself** within 1-3 job runs
- Saves expensive outsourcing costs
- Saves hours and hours of time
- Gets the work to your customer **faster**

## Compatibility...

### Fits the following types of folding and scoring machines:

Heidelberg, Stahl, MBO, Horizon, Herzog & Heymann, GUK, MB, Shoei, Rollem, Rosback, Pierce, Baum.

## Amazing

**Amazing that something that simple and user friendly wasn't brought to the market years ago!**

“The Tri-Creaser Easy Fit - Amazing that something that simple and user friendly wasn't brought to the market years ago! We have already earned the investment (two months after the purchase) by now. We have an easier and faster workflow in our house, the transportation time and costs for creasing by other companies are reduced significantly, and we have a constant contact with the job here in our house. A perfect solution.”

Christian Nielsen , Team Leader  
Datagraf, Auning, Denmark

“Just letting you know that my Tri-Creaser is everything you said it would be. I am very pleased with your product and will recommend it to anyone else I may come into contact with who could benefit from it. The day after receiving my Tri-Creaser, I ran two jobs of mailers printed on 80# cover that scored and folded in half. Normally these would have scored on a Kluge letterpress before folding, which would have taken at least an entire day for a total of about 10,000 pieces. Instead, I cut both jobs and sent them straight to the folder. Using the Tri-Creaser, and running at a moderately slow speed I scored, folded and boxed both jobs in under 2 hours. I am now a strong believer in your product and my experience with your company was very pleasant. I watched your video and didn't realize that I could have gone a lot faster.

I can't wait for the next job. Thank you again and I look forward to doing business with your company in the future.”

Brian McGuire, Bindery Manager  
Brown Printing, Rockyface, Georgia, USA



## Tri-Creaser Fast Fit

Take advantage of the **ultimate creasing device** with superior features – Four times faster to set than the Easy Fit version...

**...Split creasing rib technology is the key**

So what makes setting of the Tri-Creaser Fast Fit so quick? The key is in the way in which a split rubber creasing rib can be quickly inserted into the mounted male component and secured by a locking mechanism. This process is so effective because the two ends of the creasing rib join together perfectly so that letterpress style creasing can be applied without any defect. One of the major advantages is that shaft removal is no longer required when changing the split creasing ribs.



■ Split creasing ribs for light, medium and heavy stock

Tri-Creaser  
Fast Fit



## Here are a few benefits...

- Completely **eliminates fibre cracking 100%** on stock ranges 85-350gsm
- Produces a crease that is as good as, or better than a flatbed Cylinder impression
- Produces multiple crease settings for any imaginable print/stock combination, and works like **magic** on difficult toner based digital output
- Works just as well when it creases and folds **against the grain** as it does with it
- Works as fast as your folding machine can run with no limitations on speed
- Split creasing ribs means it takes only seconds to set up and change from one crease setting to another
- No more removing shafts to change crease settings
- **Pays for itself** within 1-4 job runs
- Saves expensive outsourcing costs
- Saves hours and hours of time
- **Faster delivery** to your customer

## Compatibility...

**Fits the following types of folding and scoring machines:**

Heidelberg, Stahl, MBO, Horizon, Herzog & Heymann,  
GUK, MB, Shoei, Rollem, Rosback, Pierce, Baum.

## Immediate benefit...

“ We didn't think the Tri-Creaser could be improved but the new Fast Fit version means we can save more time and it's even easier to use.

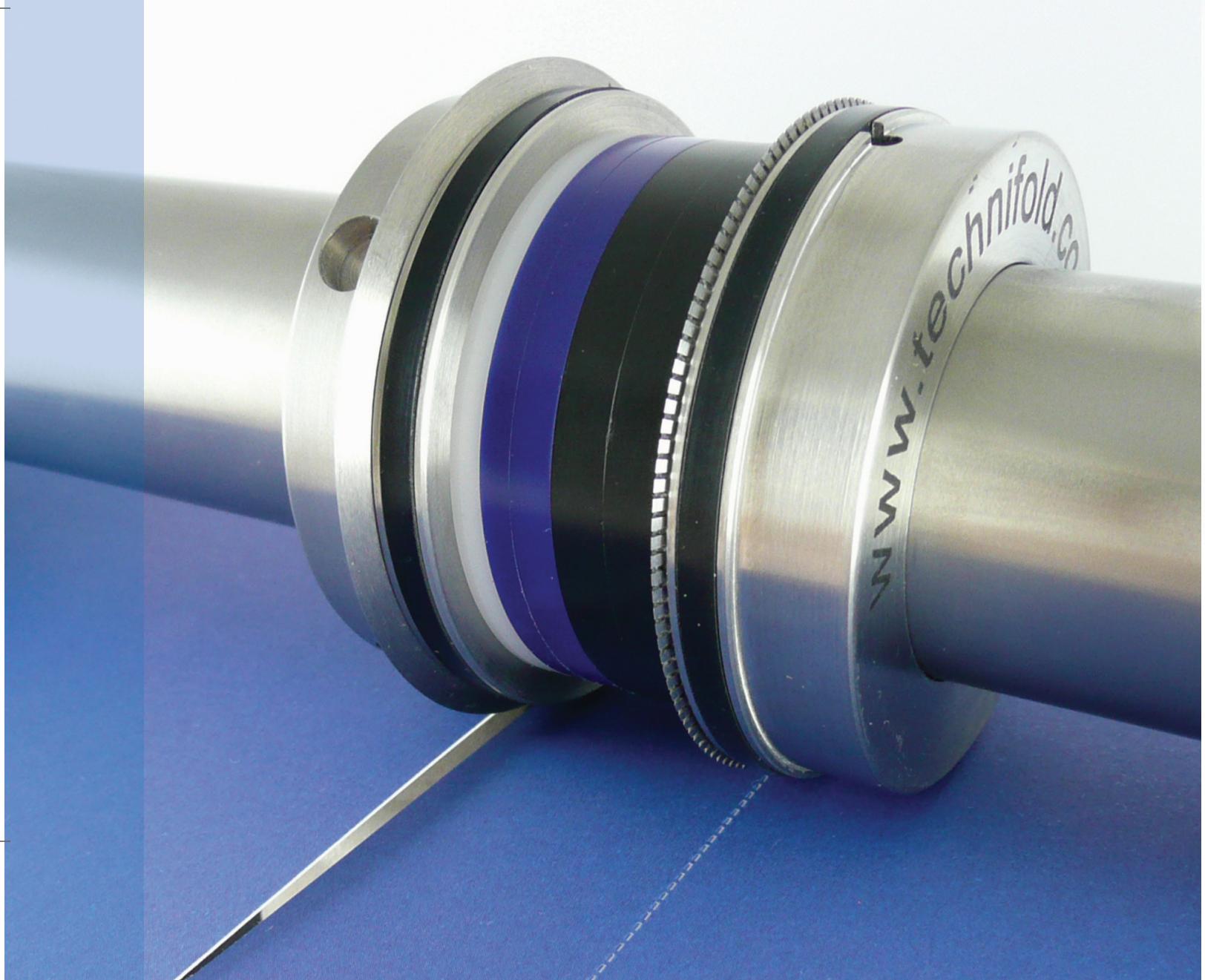
We have purchased quite a few Tech-ni-Fold products because there is an immediate benefit for our company in terms of quality finished products and a very fast return of investment. In one job alone the device paid for itself and even resulted in a small profit, not bad for something that is usually perceived as expensive!!

Upgrading to the Tri-Creaser Fast Fit simply keeps us competitive and ahead in creasing excellence.

I have no hesitation in recommending this super new device to anyone.”

**Phil Fredricks – Bindery Manager  
Wood Mitchell, Stoke, UK**





## Micro-Perf & Cut Multi-Tool

**Produce letterpress style micro-perforating and guillotine quality cutting applications from one ingenious device**

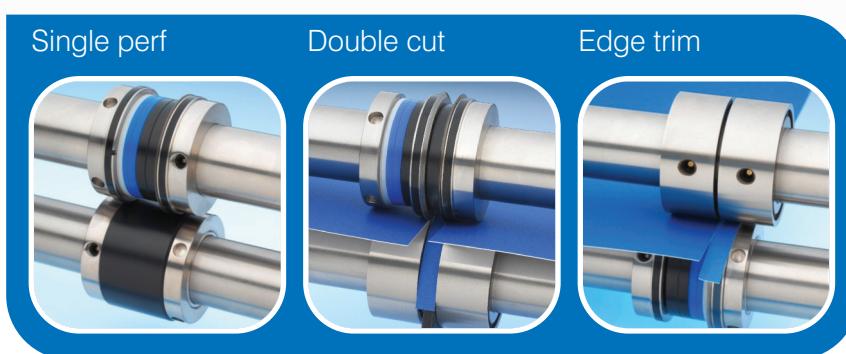
Now you can achieve letterpress quality micro-perforating and guillotine style cutting on your folding machine, saving time and money.

The Micro-Perf & Cut Multi-Tool is simplicity itself and works by attaching any one of a choice of specially designed cutting and micro-perforating knives into a male blade holder. Once the chosen blade or blades are secured they are matched against the uniquely designed cutting anvil or perf sleeve to produce the desired result.

# Micro-Perf &

## Features include...

- Precision cut 17, 25 & 52 teeth per inch micro-perf blades
- Bevelled and hardened cutting knives that outlast standard types at least 5 times over
- Versatile male blade holder that accommodates any perf/cut applications as little as 4mm apart
- Adaptable set of spacer rings that dictate distances from blade to blade
- Specially designed nylon perfing sleeve that aids precision kiss-cutting tolerances
- Uniquely designed and durable cutting anvils that combat excessive wear
- Clever and unique anti-clogging waste stripper



## Here are a few benefits...

- Produces flat and **almost invisible micro-perforations** to cater for a full range of material, so good that the perfed sheets can easily run through laser printers
- Produces razor sharp slitting, double cutting and edge-trimming that **out-performs** other rotary methods many times over
- Combines close proximity micro-perforating and cutting
- **Eliminates outsourcing** of micro-perforating
- Allows you to handle jobs you used to turn away
- **Saves thousands** in smashed up blankets
- Puts an end to broken perf blades
- Simple installation
- Requires no special operator skills

## Compatibility...

**Fits the following types of folding machines:**

Heidelberg, Stahl, MBO, Horizon, Herzog & Heymann, GUK, MB, Shoei, Baum.

# Cut Multi-Tool



## Micro-Perf, Cut & Crease Combo

**The ultimate time and money saving folding machine accessory that has everything built in so you avoid outsourcing forever**

The Micro-Perf, Cut & Crease Combo is an all powerful folding machine accessory that spells the end of common production problems.

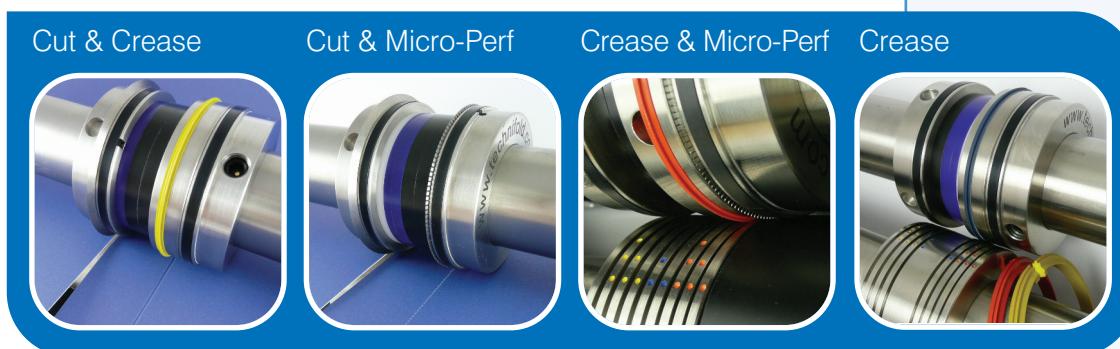
It works by attaching any one of a choice of specially designed cutting and micro-perforating knives into a male blade holder. Once the chosen blade or blades are secured they are matched against the cutting anvil or perf sleeve to produce the desired result.

The major bonus is that the device incorporates the 8 crease settings available with the Tri-Creaser Fast Fit thanks to an easy to install cassette.

**Micro-Perf, Cut &**

## Features include...

- Precision cut 17, 25 & 52 teeth per inch micro-perf blades
- Bevelled and hardened cutting knives that outlast standard types at least 5 times over
- Special cassette that houses split creasing ribs
- Versatile male blade holder that accommodates any perf/cut/crease applications as little as 5mm apart
- Adaptable set of spacer rings that dictate distances from blade to blade
- Specially designed nylon perfing sleeve that aids precision kiss-cutting tolerances
- Uniquely designed and durable cutting anvils that combat excessive wear
- Clever and unique anti-clogging waste stripper



## Here are a few benefits...

- Produces **perfect letterpress style** creasing with 8 settings to stop cracking on all stock ranges from 85-350gsm
- Produces flat and **almost invisible** micro-perforations to cater for a full range of material, so good that the perfed sheets can easily run through laser printers
- Produces Razor sharp slitting, double cutting and edge-trimming that **out performs** other rotary methods many times over
- Combines close proximity creasing/micro-perforating and cutting
- **Eliminates out-sourcing** of creasing and micro-perforating
- Allows you to handle jobs you used to turn away
- **Saves thousands** in smashed up blankets
- Puts an end to broken perf blades
- Simple installation
- Requires no special operator skills

### Guarantees the quality our customers demand

“ Our Micro-Perf, Cut & Crease Combo has never let us down as it allows us to be more flexible on our short run work. The device covers all the options we need to finish a cross range of jobs, guaranteeing the quality our customers demand on a regular basis.

Creasing and perforating simultaneously has opened new avenues for us as there is more scope and versatility than what you expect from any other manufacturer. Our operators are also amazed at the sharp creasing result on lighter paper stocks as it just isn't achievable on letterpress cylinders.

Well done Tech-ni-Fold for thinking about the finisher and coming up with something so unique! ”

Ron Pearson  
Bindery Manager  
Printwells Ltd  
Tunbridge, Kent, UK

### Compatibility...

#### Fits the following types of folding machines:

Heidelberg, Stahl, MBO, Horizon, Herzog & Heymann, GUK, MB, Shoei, Baum.

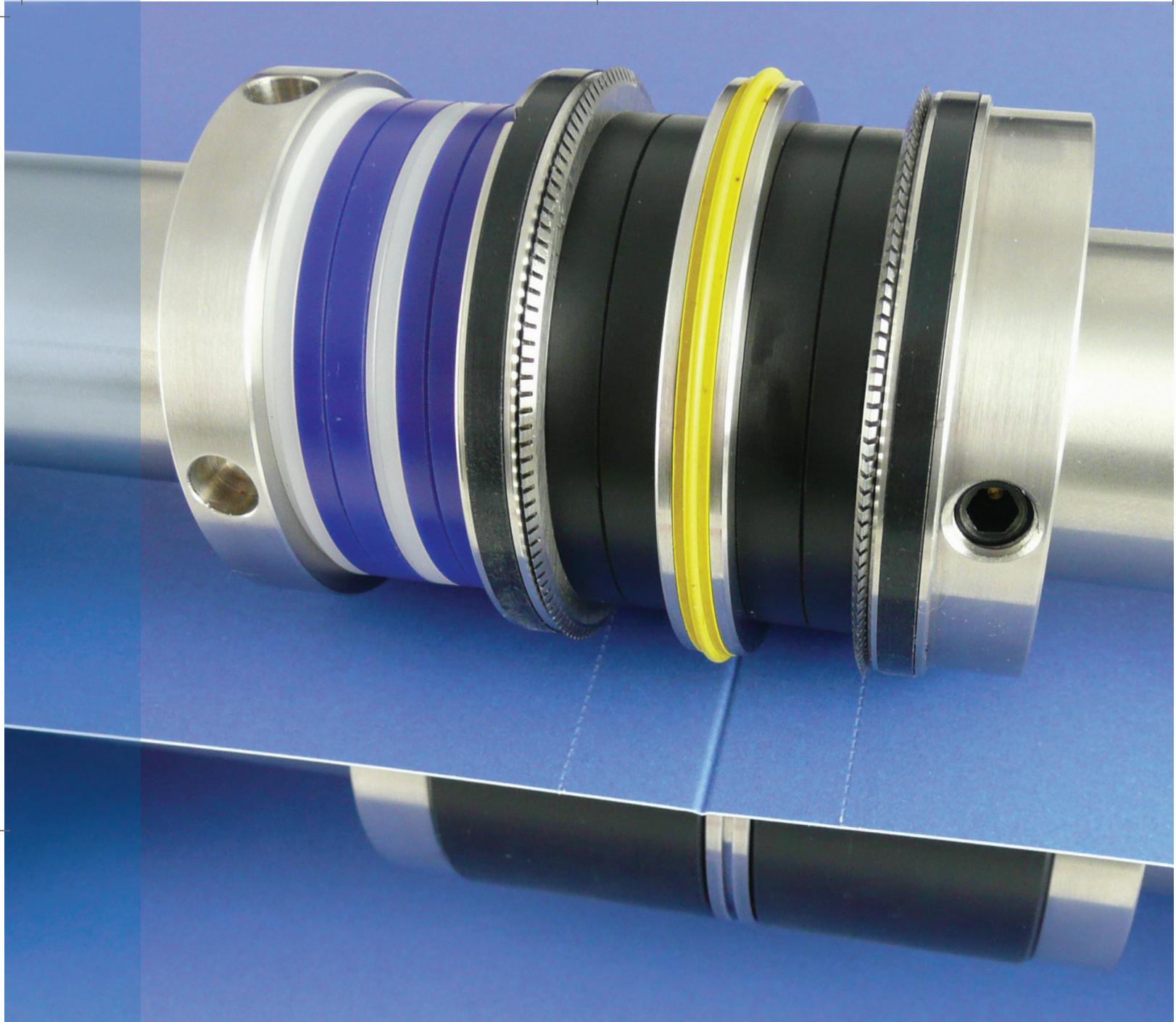
Complete system



Close proximity Perf & Crease



# Crease Combo



## CP Applicator

### The close proximity creasing and micro-perforating device

Now it is possible to produce two fine and almost invisible micro-perforations as close as 5mm apart.

As well as producing letterpress quality results the CP Applicator allows for a special creasing cassette to be housed in the middle to guarantee accurate folding.

This type of specialised application is perfect for companies that produce tear out order forms, vouchers or coupons.

# CP Applicator

## Features include...

- Precision cut 17, 25 & 52 teeth per inch micro-perf blades
- Special cassette that houses creasing ribs
- In-built colour coding system that simplifies setting procedures
- Versatile male blade holder that accommodates perf/crease/perf applications in close proximity
- Adaptable set of spacer rings that dictate distances from blade to blade/crease
- Specially designed nylon perfing sleeve that aids precision kiss-cutting tolerances

Three crease options



Adjustable nylon perf sleeves



Recessed & reversible design



## Here are a few benefits...

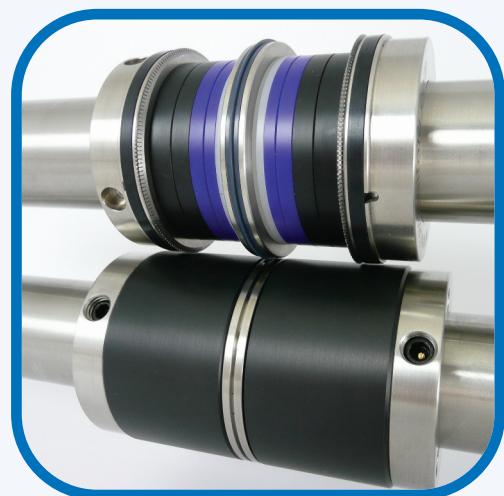
- Micro-perforates as close as **5mm** and up to **50mm** apart
- Crease quality **guarantees accurate folding**
- Easy to assemble
- Saves on outsourcing costs
- Helps you get your job **delivered on time**
- Not limited by speed and works as fast as the machine can run
- Works perfectly on cross grain materials regardless of solid ink coverage
- Excellent on UV coated, laminated or digital stocks
- Colour-coded creasing ribs available for different grades of stock

## Easy to set up

**We would have definitely struggled without it**

“ We recently ran 625,000 sheets of an NCR set that needed two perforations through our folder using the CP Applicator system. We ran the job in a quarter of the time that it would have taken to do on a Cylinder. We would have definitely struggled without it. It is easy to set up and run and it increases the throughput time of jobs as they don't always have to be letterpress perforated.”

**Scott Wright**  
Union Offset/Canprint, USA



■ CP Applicator ready to run

## Compatibility...

**Fits the following types of folding and scoring machines:**

Heidelberg, Stahl, MBO, Horizon, Herzog & Heymann, GUK, MB, Shoei, Baum, Multigraf, Agor.



See the comparison between cracked and non-cracked spines

## Spine-Creaser

It's like substituting your cover feeder for a Heidelberg creasing cylinder...

...the Spine-Creaser is that special



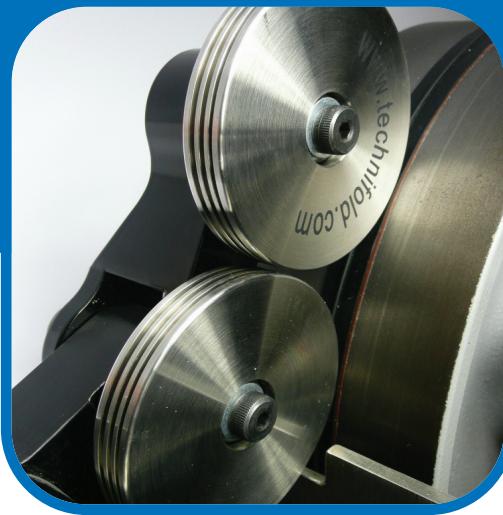
Installed in Muller Mattini cover feeder

### Installation is simple

Using a set of hexagon keys, your operator only needs to remove the existing score wheel from the cover feeder, apply the creasing matrix to the drum and attach the new double-wheel Spine-Creaser with a single bolt. You are ready to begin producing a perfect crease on your saddle stitcher within 30 minutes of installation.

## Spine-Creaser operation: As simple as it is effective

- 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 creasing matrix, guiding the book cover squarely around the drum
- Three channel width settings accommodate nearly any type of cover stock
- Special creasing matrix is designed to stretch and snap into the feeder drums existing groove



## Here are a few benefits...

- **Totally eliminates fibre cracking** on cover stocks
- **Totally eliminates all offline scoring** operations for your saddle-stitched books
- **Totally eliminates all outsourcing** of creasing operations  
**...keep it all in your control**
- Saves your die cutters or printing presses for more complex, profitable work
- **Faster delivery** to your customer

## Cost saving

“ Action Print Finishers are pleased with the purchase of your Spine-Creaser. Previously we could only crease to the maximum of 250gsm and at times not very successfully as we were experiencing cracking, particularly when we were creasing across the grain. With your creasing unit we are able and confident to crease any job up to 400gsm with not a sign of cracking, both with and across the grain.

Our clients are really very happy with your product as they don't have to use a letterpress type crease therefore eliminating another cost and saving time given the tight delivery times that most printers experience today.

Once again, thank you.”

**Gary Warren**  
Action Print Finisher  
New Zealand



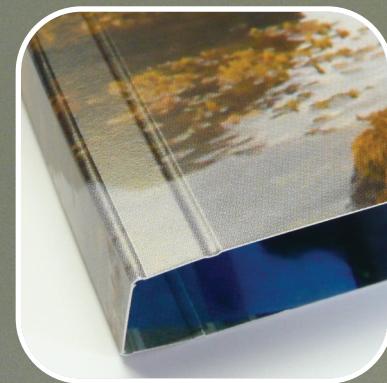
■ To Fit Heidelberg ST 350/450

## Compatibility...

### Fits the following types of Saddle Stitching machines:

- Muller 1528, 1529, 1553 & 1554 Cover Feeders
- Older style Muller saddle stitchers
- Heidelberg ST90, ST100, ST270, ST300, ST350, ST400 & ST450
- Heidelberg Prosetter
- Harris (Macey or Sheridan)
- Osaka
- Horizon
- Hohner
- McCain

# Spine-Creaser



■ High definition creases

## Spine & Hinge Creaser

### How to enhance your perfect bound book covers

The Spine & Hinge Creaser replaces the metallic scoring mechanism on Perfect Binding machines to produce deeper creases that define and form the book cover. Why pay a fortune for your Binding Machine only for the existing scoring unit to crack or damage the cover.

**The Spine & Hinge Creaser is the answer  
to all your problems.**



■ The Spine & Hinge Creaser  
in action

# Spine & Hinge

## Features include...

### Ingenious split creasing rib technology

The male component is cleverly designed with a special locking mechanism that secures the split creasing rib firmly into position so a seamless join is achieved. This eliminates the need to remove the shafts from the machine.

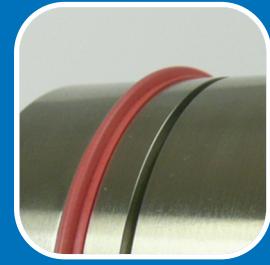
### Fully adjustable version now available

The fully adjustable Spine & Hinge Creaser gives extra choice to companies who desire extra versatility. This colour coded upgrade simply ensures that more crease widths and depths are available for wider stock ranges and, unlike the standard version, the distance from spine to hinge can be adjusted according to the job to be processed.

### Here are a few benefits...

- Crease from 1 to 4 lines simultaneously
- Crease on the same side, or on opposite sides of the sheet
- Vary the spine and/or hinge width as needed
- Eliminate fibre cracking
- Eliminate outsourcing of scored covers
- Help you to deliver jobs faster
- On average pays for itself within the first five job runs
- Simple to set and easy to use
- Completely eradicates having to remove the "scoring" shafts from the machine
- No more sheet ripping or splitting covers
- Works first time every time, avoiding unnecessary crease depth adjustment
- Produces a deeper and more flexible hinge
- Not limited by speed and works as fast as the machine can run
- Works perfectly on cross grain materials regardless of solid ink coverage
- Excellent on UV coated, laminated or digital stocks
- Colour-coded creasing bands available for different grades of stock

Setting is made simple



Fully adjustable version



### No fuss...

"The Spine & Hinge Creaser does exactly what it says on the box, with no fuss or mess. It is quick and user friendly and gives us and our customers reassurance that all books processed using this tool are far superior to what we were getting before. It is a pleasure doing business with Tech-ni-Fold yet again."

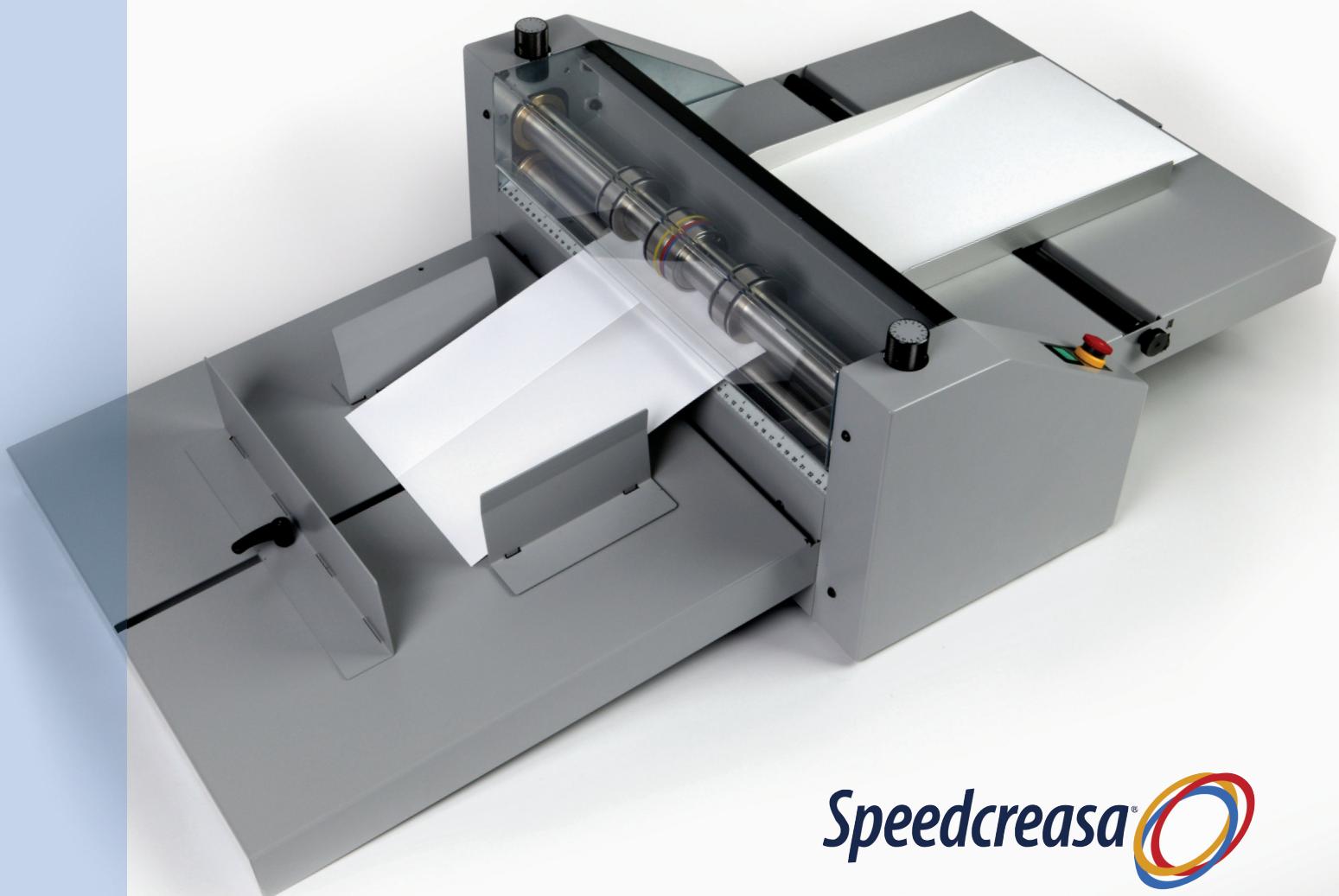
Stuart Gilgryst  
St Ives (Roche) Ltd, UK

### Compatibility...

#### Fits the following types of Perfect Binding machines:

Muller Martini, Kolbus.

# Creaser



**Speedcreasa®**

## Speedcreasa

**The first and only bench top, hand-fed rotary creasing machine to give a letterpress quality crease...**

Whether you outsource your work for scoring and micro-perforating or use in-house letterpress cylinders, there is now a faster way to deliver them without the need for skilled help.

**The Speedcreasa puts industrial strength letterpress quality at your fingertips in a small table-top format.**



■ Easy Fit – The recommended creasing device to fit the Speedcreasa

Speed

## Special features & benefits:

- Heavy duty 36mm shafts with precise micro adjustments for **any stock thicknesses**
- Double side-lays on the in-feed for **precise sheet guidance**. Includes both micro-skew, square-screw adjustment (to instantly move the sheet one way or the other) and micro side-lay adjustment (precisely moves the sheet from side to side for fine-tuning position)
- Handles sheets up to 48cm wide
- Uses proven, tested and reliable Tri-Creaser Easy Fit technology for **perfect creasing**
- 3 creasing rib profiles and 8 female channels deliver the **ultimate in crease flexibility**. You're not stuck with a big, oversized crease on a light-weight stock. Get the right width/depth combination for the stock you're running
- You can add up to 8 creasing or micro perforating tools to get multiple crease/perf production in a single pass. This means you get **unbeatable speed** compared to knife/matrix machines. Plus a variety of speciality tools available, including one for perfect bound book covers

## With the Speedcreasa you can:

- Totally **eliminate fibre cracking**, even on digital stocks, regardless of grain direction
- Choose from any one of 8 crease styles to suit every range of stock, not restricted to wide setting
- Produce simultaneous multiple crease, micro-perf and cutting without affecting speed
- Apply crease or micro-perfs to either side of sheet, or both at the same time
- Produce flat, nearly invisible micro-perforations that let sheets run through any laser printer or copier
- Crease paper from 85gsm through to 350gsm
- Finish short-run jobs in minutes
- Eliminate scoring and perf outsourcing

“A few years ago we decided to bring our entire bindery in-house. We were experiencing the age-old problem of the toner cracking when we scored and folded. To complicate matters, we added UV coating - compounding the cracking problem. We brought all bindery in-house to at least give us the option of trying other things instead of taking delivery of something we couldn't use. Since we specialize in short run/short turn laser work resulting in 15 to 20 setups in one eight-hour shift and a bindery volume driven by 3 Xerox iGen3 machines, this was not a small undertaking. We tried everything imaginable to solve the cracking! We tried different paper, different temperature conditions, different sizes/types of scoring heads, and even different machines. We finally settled on pre-scoring, applying the UV coating, and then folding. Often times, we had no choice but to score again because the heat from the UV further dried out the paper. As you can imagine, we couldn't charge enough to cover the cost of multiple setups and handling. Then, while touring the StoraEnso mill, I mentioned the problem to an engineer and he suggested that I call Tech-ni-Fold. He'd heard that they had a solution and of course I jumped on it! You may recall our first conversation because I know I was barely able to contain my frustration with this problem. You calmly and confidently offered to perform any testing I required. True to your word, you tested different options and returned everything to me within a few days. The tabletop creasing unit was my first great decision! Many of the problems we had were with a short-run product that has a short turnaround guarantee. The unit has saved us countless reprints, rush deliveries and overtime. We were so pleased with the results. It is safe to say that I am a “true believer” when it comes to your company and your products. Simply put, the Speedcreasa has done everything you promised it would do. And, quite frankly, I tell everyone who tours our facility about my experience and I always feel confident when I recommend Tech-ni-Fold. Thanks again for all your help and advice!”

Cecilia Fisher Director  
Production Operations  
Impact Marketing, USA



# creasa

- Turbo-Creaser running with a standard Heidelberg folding unit



## Turbo-Creaser

A unique creasing and folding solution that eliminates toner cracking on digital stocks...

...at up to 18,000 copies per hour

If you are serious about producing much quicker letterpress style creasing that eliminates fibre-cracking on the most difficult of printed stocks, including digital output, the Turbo-Creaser is perfect for you.

This suction fed machine not only produces the quality of crease choices you expect for any type of stock weight and print application imaginable (8 different crease settings) it also produces fine, flat and almost invisible micro-perforating and razor sharp cutting applications. The Turbo-Creaser is designed to be operator friendly using innovative Tech-ni-Fold solutions.

# Turbo-Creaser



■ The versatile Turbo-Creaser

## Special features & benefits:

- Simple modular design
- Uses single phase electricity
- Takes sheet size 52cm X 64cm
- Suction feeds stock ranges 45-400gsm
- Inbuilt electronic double sheet detector
- Batch counter
- Quick release creasing shafts
- Unique caliper system that allows quick change over of stock ranges
- Easy to use touch screen control panel
- Pre micro-perf shafts with a choice of 17, 25 & 52 tpi perforation blades

## With the Turbo-Creaser you can:

- **Totally eliminate fibre cracking**, even on digital stocks, regardless of grain direction
- Choose from any one of 8 crease styles to suit every range of stock, not restricted to wide setting
- Produce simultaneous multiple crease, micro-perf and cutting without affecting speed
- Apply crease or micro-perfs to either side of sheet, or both at the same time
- Produce flat, nearly invisible micro-perforations that let sheets run through any laser printer or copier
- Crease paper from 85gsm through to 350gsm
- Finish short-run, medium and high volume jobs quickly and efficiently
- Eliminate scoring and micro-perf outsourcing

**Our customers have noted the difference right away and are very pleased.**

“ We have found the Turbo-Creaser extremely useful when it comes to the pre-creasing of book covers. Covers are usually creased by the feeder on the perfect binding machine when they get drawn into the machine, but these creases are normally not satisfactory, with the covers not opening well on the finished book. We now pass the covers through the Turbo-Creaser first, and this results in a very good crease with covers opening very easily on the finished book. Our customers have noted the difference right away and are very pleased.

Preventing paper cracking on difficult stock, where the fold area is covered with printed images, works very well too. Customers have been used to the annoying phenomenon of paper cracking on Z-folded pamphlets and similar jobs, and in the past had to simply accept it. Now they are very pleased that this problem is eliminated by an additional pass through the Turbo-Creaser.

The Turbo-Creaser works fast and the effort of an additional pass is more than compensated for by the improved results.”

**Jurgen Sievers,  
John Meinert Printing (Pty) Ltd,  
Windhoek, Namibia**

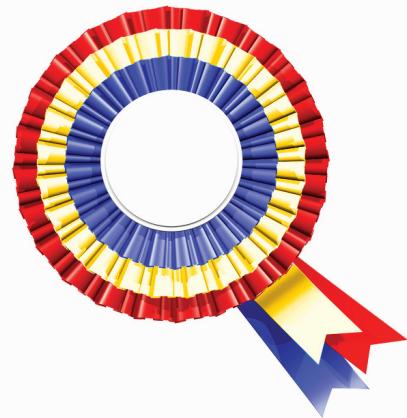
### Fast Fit in action



### Touch screen control panel



# The Tech-ni-Fold Guarantee



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 Tech-ni-Fold products

**...and their ability to solve problems.**

## UNIQUE FIVE TIERED RISK FREE GUARANTEE

### GUARANTEE 1

If our products are not as easy to use as we say - even the first time you use them, and don't save you hours of time - just send them back for a full and courteous refund.

### GUARANTEE 2

If our products (creasing products only) do not eliminate fibre cracking on materials ranging from 150-350gsm – just send them back for a full and courteous refund.

### GUARANTEE 3

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

### GUARANTEE 4

If after 12 months our product has not saved you more than 5 times the cost you paid, return it to us for a full and courteous refund. Just take a photographs of the device on your machine before you send it back to us to demonstrate you at least tried it.

### GUARANTEE 5

The Tech-ni-Fold products come with a full 3 year workmanship guarantee. If for any reason any of our devices malfunction in any way during the first three years, we'll replace them immediately – **at no cost to you!**

Speedcreasa & Turbo-Creaser are not covered by this guarantee as they are jointly developed by third party manufacturers

[www.technifold.com](http://www.technifold.com)

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