



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





# 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 85-350gsm – 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 photograph 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!**





■ 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, Australia, Japan and Russia. 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

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**Folding Machine Solutions 5**

There's no doubt, utilising your folding machine to complete intricate finishing tasks that would normally have to be outsourced, or completed through a separate offline process, gives your company the opportunity to save precious time and money. Our unique technology is designed to make quality cutting, creasing and micro-perforating a simple reality for all operators, regardless of their skill levels and experience.

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**Saddle Stitching, Perfect Binding and Web Presses**

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.

**Spine-Creaser 18-19**

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**Tech-ni-Fold Today Back**

# 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	Rotary Creasing by Tech-ni-Fold
<b>Definition</b>	
	
<b>What is it made from?</b>	
	
<b>How is it used?</b>	
	
<b>How does it perform to prevent fibre cracking?</b>	
	
<b>Summary</b>	
	

To see our products in action please visit [www.technifold.com](http://www.technifold.com)

# Folding Machine Solutions

## INLINE creasing, micro-perforating and 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 in 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 - 7 for Tri-Creaser Fast Fit and pages 8 - 9 for Tri-Creaser Advance



1

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

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



2

### 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



3

### 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



4



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.

How can these solutions make you more productive? Call +44 (0)1455 554491

Tech ni Fold

5



## Tri-Creaser Fast Fit

Take advantage of the **ultimate creasing device** with superior features...

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



■ Split creasing ribs for light, medium and heavy stock

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.

# Tri-Creas

To see our products in action please visit [www.technifold.com](http://www.technifold.com)

Locking hub...

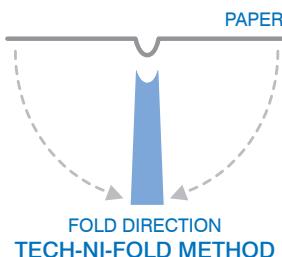
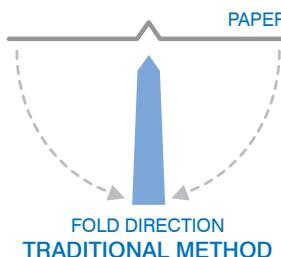
...with split crease

...and secured 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
- 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



### Immediate benefit...

“What a change the Tri-Creaser Fast Fit has made to our business already. The quality of the crease is excellent and it will be a great cost saving for our business. The installation and training was very professional and thorough, and we are looking forward to utilising the device to its full potential, whilst keeping control of our own creasing work.”

Glenn Felton – Managing Director  
FM Print Ltd, Basingstoke, Hampshire, UK

### Compatibility...

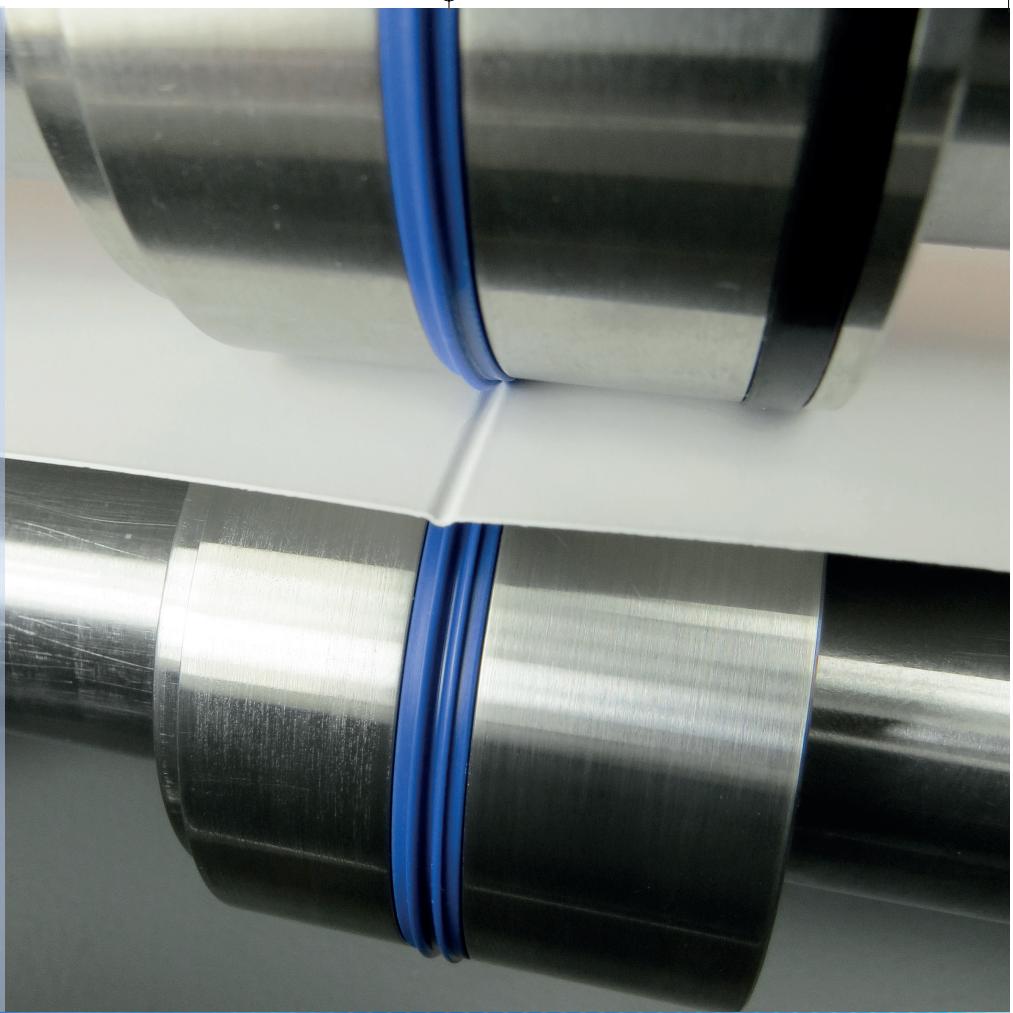
#### Fits the following types of folding and scoring machines:

Heidelberg, Stahl, MBO, Horizon, Herzog & Heymann, GUK, MB, Shoei, Rollem, Rosback, Agor, Morgana, Baum, Moll, Econocrease, Rotoscore, Graphic Wizard, Longford, Pierce and more...

# er Fast Fit

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## Tri-Creaser Advance

The Ultimate Creasing Device just got better...

...The two-way interlocking creasing application like no other.



The **Tri-Creaser Advance** takes the speed of the previous Tri-Creaser Fast Fit version and enhances the crease definition to levels not matched by any other creasing or scoring system in the world with the introduction of a specially profiled female receiver ring in which the material is pressed. The specially profiled female receiver firstly forms the all-important 'U'-shaped crease. Secondly, the fold areas either side of the main crease line which can often experience toner flaking problems, particularly on digitally printed stock, are ironed out using two creasing nib protrusions positioned in the female receiver ring. So in one pass, the Tri-Creaser Advance is applying 3 close crease impressions simultaneously.

To see our products in action please visit [www.technifold.com](http://www.technifold.com)

### Here are a few benefits...

- Completely eliminates fibre cracking 100% on stock ranges 85-350gsm
- Greatly reduces or eliminates inside-fold flaking
- Produces a crease depth and definition unlike any other creasing method, even on difficult paper stocks
- 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 and female receiver rings means it takes only seconds to set up and change from one crease setting to another
- Pays for itself within 1-4 job runs
- Saves expensive outsourcing costs
- Saves hours and hours of time
- Faster delivery to your customer

### Pack Options



#### Complete Pack

Contains all components needed to produce better defined creasing and can be used alongside existing Tri-Creaser models.



#### Upgrade Pack

For existing Tri-Creaser users, this is the option to use your existing Tri-Creaser Easy Fit or Fast Fit male components in combination with the Tri-Creaser Advance Female.

### So impressed, I ordered two more the next day...

“We had a difficult job and the outside looked great but the inside was flaking. I ordered a new Tri-Creaser Advance, was so impressed, I ordered two more the next day. They really work great. We delivered that job on time and it saved us from getting a letterpress score and missing a deadline.”

Jim Navulis  
Haapanen Brothers, Illinois, USA

### Compatibility...

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

Heidelberg, Stahl, MBO, Horizon, Herzog & Heymann, GUK, MB, Rollem, Moll, Petratto, Roto-Score and more...



Interlocking Male & Female Components ensure a deep creasing impression

### Narrowest Crease Setting Ever Now Available:

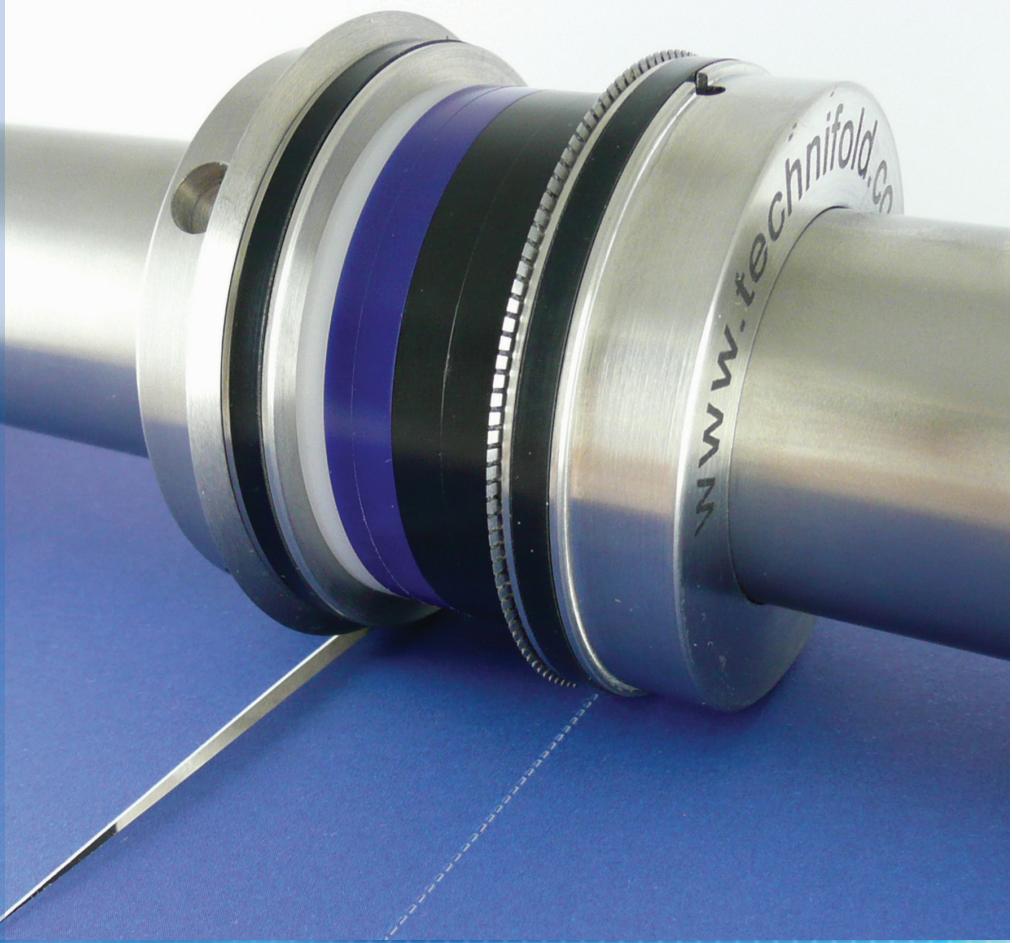
The new Narrow White Female Receiver Ring can be inserted and used in combination with the Orange Creasing Rib to produce unmatched crease definition on stocks from 60-130gsm. Available as an optional extra.



## Tri-Creaser Advance

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Tech  Fold



## 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 & Cut Multi-Tool

To see our products in action please visit [www.technifold.com](http://www.technifold.com)

### 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 3mm apart
- Adaptable set of spacer rings that dictate distances from blade to blade
- Specially designed nylon perforing sleeve that aids precision micro-perforating tolerances
- Uniquely designed and durable cutting anvils that combat excessive wear
- Clever and unique anti-clogging waste stripper

#### Available as...

##### Complete Set

Micro-perforating & cutting combined



##### Micro-Perf Only Set

Capacity for single & double micro-perforating



##### Cutting Only Set

Capacity for single, edge-trim & double cutting



### 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, Agor, Baum.

### British Precision Engineering at its BEST

“ We were struggling to produce a quality micro-perforation so that we could procure an important direct mail contract. We only had the perforator supplied by the folder manufacturer. This either cut the sheet in half or did not penetrate enough. I was asked by the management to source something better and found Tech-ni-Fold on the internet.

We had a visit from the Tech-ni-Fold representative and as a result bought our first Micro-Perf unit. The results were excellent and the service from Tech-ni-Fold faultless. Since then we have bought another perforator unit and their excellent Micro-Perf & Cut Multi-Tool so that we could also do cutting. This cutting tool also produces excellent results. The quality of the engineering of the tools is a pleasure to behold. British precision engineering at its best.

Oh and yes, we did get the mailing contract.”

**Mallory Alfree, Senior Engineer**  
Stralfors Plc, Redruth, Cornwall, UK

**Waste Stripper included but also can be purchased in different widths as an optional extra...**



### Here are a few benefits...

- Pays for itself on the first job
- Simply slides onto the slitter shafts
- For 6mm, 5mm and 4mm trim
- Eliminates time consuming paper jams
- Increase folding machine yield
- Eliminates set-up of OEM strippers
- Special long-life plastic will not harm shafts or knives

How can these solutions make you more productive? Call +44 (0)1455 554491





## 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.

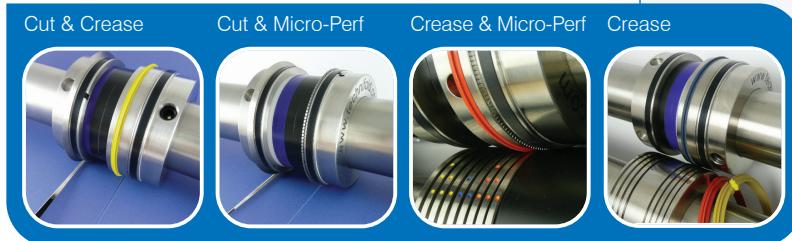
The major bonus is that the device also incorporates the 8 crease settings available with the Tri-Creaser Fast Fit thanks to an easy to install cassette.

# Micro-Perf, Cut &

To see our products in action please visit [www.technifold.com](http://www.technifold.com)

### 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 / blade to crease
- Specially designed nylon perforing 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, Baum, Horizon, GUK, Shoei.

Complete system



Close proximity Perf & Crease



# Crease Combo

How can these solutions make you more productive? Call +44 (0)1455 554491





## 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

To see our products in action please visit [www.technifold.com](http://www.technifold.com)

### 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 perforing sleeve that aids precision micro-perforating 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
- Colour-coded creasing ribs available for different grades of stock

### Compatibility...

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

Heidelberg, Stahl, MBO, Herzog & Heymann, GUK, Baum, Agor.

## 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.”

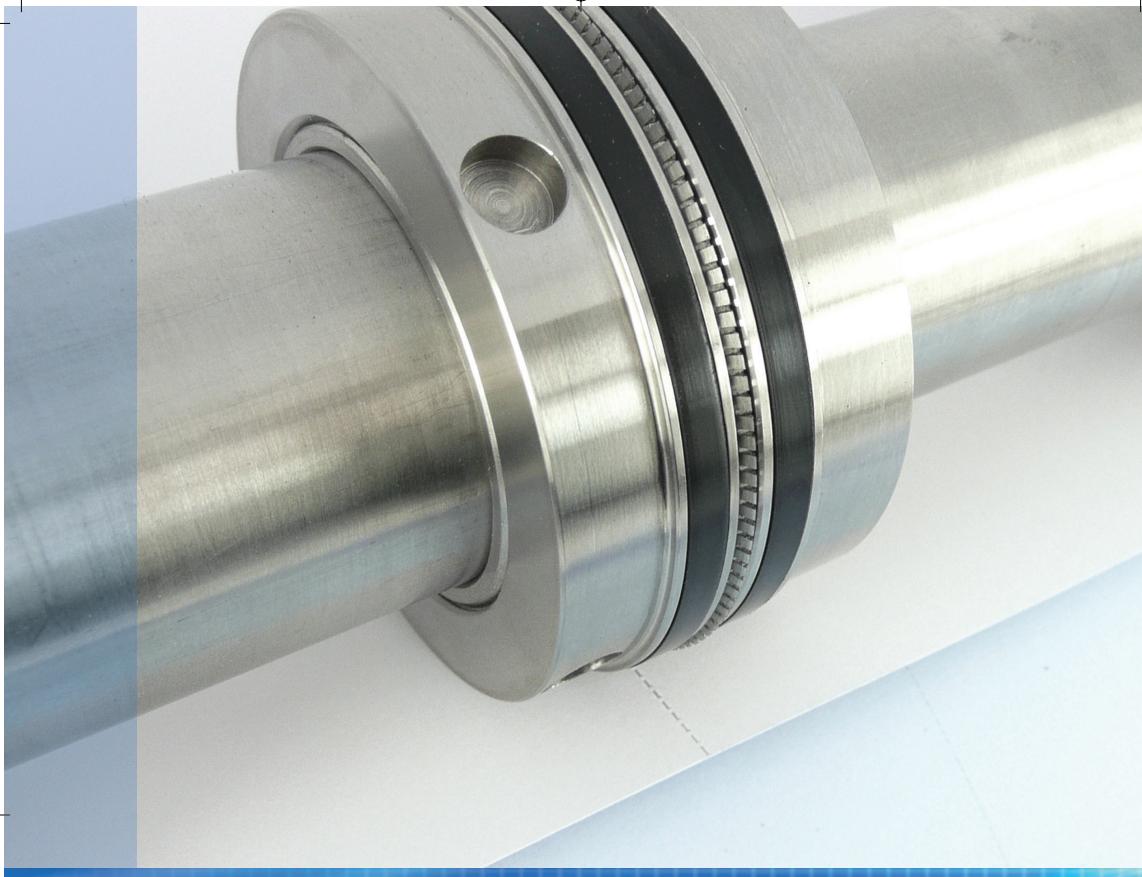
Scott Wright  
Union Offset/Canprint, USA



■ CP Applicator ready to run

How can these solutions make you more productive? Call +44 (0)1455 554491





## Micro Perforator

**How to get a REAL micro-perf on your folding machine!**

**Stop smashing expensive blankets with press perfs,  
end offline perf operations, eliminate outsourcing...**



This powerful accessory instantly puts the ultimate micro-perf into action on your folding or scoring machine... and creates fantastic regular perfs!

Until now, if you wanted a micro-perf on your job, you'd 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. Now you can produce a flat, nearly invisible micro-perf at up to 72 teeth per inch, or do fantastic looking regular perfs down to 10 teeth per inch.

# Micro Perforator

To see our products in action please visit [www.technifold.com](http://www.technifold.com)

### Features include...

- Tech-ni-Fold design means you never break a perf blade again
- No machine modification or installation required – simply slide onto shafts
- No special operator skills required – the learning curve is fast
- 17, 25 and 52 tpi blades handle a wide range of paper stocks
- 10, 12, 40 and 72 tpi blades also available for some machine makes only

### Here are a few benefits...

- Eliminates micro-perf outsourcing
- Stop buying pre-perfed paper
- Produce perfed sheets that easily run through copiers, digital presses or finishing equipment
- Blades outlast standard blades by up to 5 times
- Free up presses and die cutters for more profitable work
- Take on jobs you used to turn away
- Deliver jobs faster!

### A fantastic product...

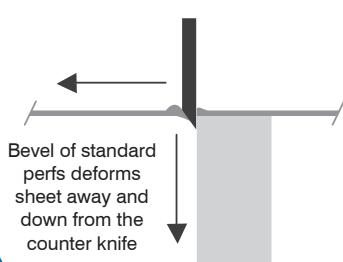
“The Micro-Perf tool from Tech-ni-Fold has been an essential part of our finishing operation for many years now.

The tool has replaced all such devices that came before, simply because it produces a much better result, the perf lies flat, meaning that there is no bulking up of sheets when we stack them up for other finishing processes.

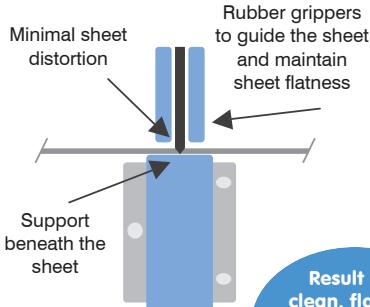
The blades seem to last forever and the nylon anvils that help form the perforation are extremely robust. We get through hundreds of thousands of reply forms and the set up is easy – another simple idea turned into a fantastic product, thank you to Tech-ni-Fold for making our working life easier, yet again! ”

Russell Bangs – Bindery Manager  
Haslam Printers Ltd, Chorley, Lancashire, UK

#### Conventional folding machine perf with counter knife



#### Micro Perforator



### Compatibility...

Fits the following types of folding and scoring machines:

MBO, Heidelberg/Stahl, Horizon, GUK, Herzog & Heymann,  
Baumfolder, MB, Rollem, Rosback, Moll, Morgana, Petratto and more...

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■ See the comparison between cracked and non-cracked spines



■ Picture of device for Muller Martini  
1528/1529 cover feeders

## Spine-Creaser

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

...the Spine-Creaser is that special



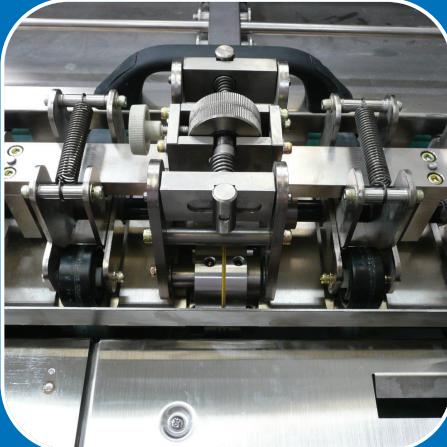
■ Installed in Muller Martini cover feeder

### 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.

Spi

### With Horizon Stitchliner:



Replaces the existing crease to high quality cylinder style crease on cover stock

### Easy to install creasing matrix



Simple to install life long quality creasing guaranteed

### 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

### 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 • Hohner • Horizon • McCain • Duplo

### 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.

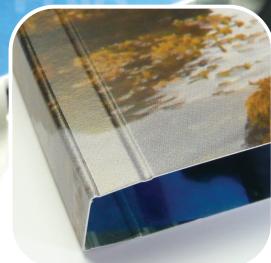
Once again, thank you.”

Gary Warren  
Action Print Finisher  
New Zealand

# Spine-Creaser

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■ 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

To see our products in action please visit [www.technifold.com](http://www.technifold.com)

### 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.

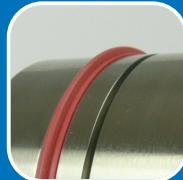
#### Fully adjustable version now available

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



“When a new creasing tool was needed for the cover feeder of our Muller Martini binding machine, we turned to Tech-ni-Fold. We were truly amazed when we tried the adjustable version of the Spine & Hinge Creaser, it had colour coded ribs that corresponded to different crease styles, and it further improved the quality of covers, using our own special side-gluing “spineless” method. Not only does the system completely eliminate fibre-cracking, but it also minimises the reset force of the cover. The Spine & Hinge Creaser has allowed Kosel to raise its own quality standards for bound products”

Eugen Mayer Book-Binding Department Manager  
Kosel Germany

### Compatibility...

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

Wohlenberg, Harris, UB Binder,  
Goss, Horizon, Kolbus and Muller

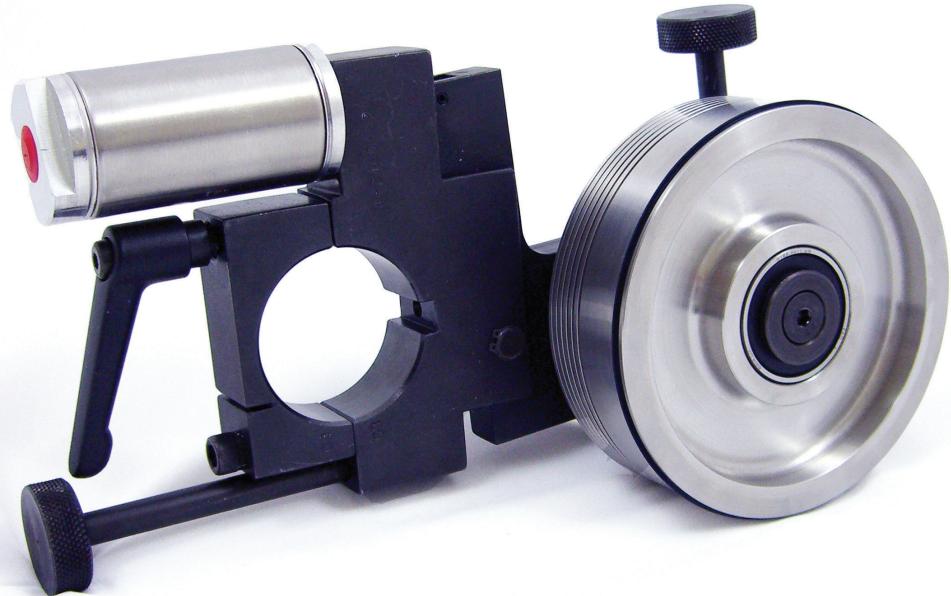
#### Fits the following types of Folding machines:

MBO, Stahl, GUK, Rollem

# Creaser

How can these solutions make you more productive? Call +44 (0)1455 554491





## Web Creaser

Introducing the **PERFECT** creasing solution for high speed web press finishing...

**...the Web Creaser**



■ Web Creaser in action

The Web Creaser eliminates the need for a separate offline scoring and folding operation on your Web Press.

It has already been installed at some of the biggest companies in the world and is their trade secret. The device revolutionises the way that difficult stocks are creased and it will pay for itself after only a few jobs.

Web

To see our products in action please visit [www.technifold.com](http://www.technifold.com)

## Features include...

- Patented Tri-Creaser technology works inline on your web finishing equipment
- Engineered especially for high operational speeds of web printing
- Six female channel widths accommodates a wide range of paper stocks
- Crease from either side of the web depending on folding requirements
- Optional mounting hardware and complete finishing cartridge available

## Here are a few benefits...

- Eliminates fibre cracking regardless of grain direction – even the worst heat-set web stocks will show a reduction in cracking
- Choice of grain direction can mean huge savings in paper costs – this is one of the fastest ways to dramatic profit increases
- Produces a crease that is as good as a cylinder letterpress or die score
- Return on investment in just a few jobs means higher profit margins in a tight-margin business
- Eliminates expensive and time consuming outsourcing
- Eliminates separate scoring and folding operations
- Gets jobs out the door faster than ever!

## Also Available...

**Spine & Hinge Creaser Option**



**Micro-Perf Option**



# Creaser

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## The Web Creaser gives you the edge...

The web press finishing solution is so powerful we've been sworn to secrecy by our customers.

No videos. Few pictures. No Testimonials.

Look around our brochure; you will see testimonials everywhere but here. One thing we can say, without revealing details, is that several of the top ten largest printing companies in the world are Web Creaser owners.



### What we can reveal...

...they intend to maintain their edge on fellow web printers by keeping a tight lid on production details. As much as they love the Web Creasers, how and where they're being used stays behind closed doors.

If you don't have Web Creasers in your arsenal, they have the edge; it's as simple as that.

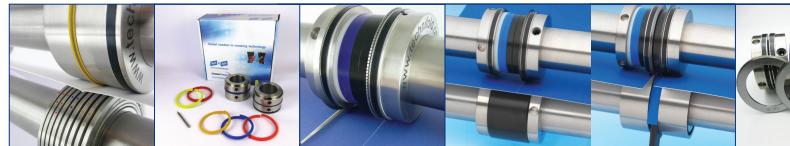
### Compatibility...

#### Fits the following types of Web Printing machines:

Harris, Goss, Jetweb, Scheffer, Hantscho, Cottrell, Webtron, Muller.

# Tool Selection Guide

Use this guide to select the multi-functional tool that best fits the job you would like to produce.



Cutting, Micro-Perforating or Creasing operations you can perform	Tri-Creaser Fast Fit	Tri-Creaser Advance	Multi-Tool Complete	Multi-Tool Perf Only	Multi-Tool Cut Only	Multi-Tool Perf Only
1 Crease	✓	✓				
1 Perf			✓	✓		
1 Cut or Edge Trim			✓		✓	
2-4 Creases						
1 Perf + 1 Crease						
1 Cut + 1 Crease						
1 Cut + 1 Perf			✓			
2 Perfs + 1 Crease						
Double Cut (Centre Trim)			✓		✓	
Double Perf			✓	✓		

## Legend

- Guillotine Quality Cutting
- Rotary Creasing
- Precision Micro-Perforating

To see our products in action please visit [www.technifold.com](http://www.technifold.com)



Tool only	Micro- Perforator	Multi-Tool Combo	Spine & Hinge Creaser	Spine Creaser	CP Applicator	Web Creaser
		✓		✓	✓	✓
✓	✓				✓	✓
	✓					
		✓				
			✓			✓
		✓			✓	
		✓				
		✓				
		✓			✓	
		✓				
		✓			✓	
		✓				
		✓				

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# CreaseStream Solutions

1 with a handle



Produces up to  
25  
creased/  
sheets  
per minute

2 with handle & feeder



Produces up to  
3,000  
creased/  
micro-perforated  
sheets per hour

## CreaseStream Card Creaser Deluxe

The manually operated Card Creaser Deluxe is our entry level creasing solution and will output your work up to six times faster than traditional (pull down handle) matrix versions with 100% accuracy. Simply set the sheet lays to accommodate the printed stock and move either one or two creases into the required fold position. Feeding in each sheet with one hand whilst turning the handle with the other is easy...

### Features & Benefits

- Simple to turn rotary handle
- Easy to set & operate
- Includes skewer adjustment that compensates for imperfectly trimmed sheets
- Can produce multiple creases by resetting & running the sheet through again
- Outputs up to 6 x faster than traditional handle creasing solutions

## CreaseStream Quick feed MKII

Quick feed MKII is a modified version of the previous model, taking a higher stock load of up to 9cm thanks to a specially designed auto fan sheet separator which aids continuous feed consistency. This innovative model is unique in that it does not rely on a motor or electrical input yet can accurately output at speeds more associated with fully automated solutions. Just load the sheets into the feeding section and turn the handle at whatever speed feels comfortable, and simply top up more stock as you go! Two tools are included as standard, choose from either 2 x creasing or 1 x creasing & 1 x micro-perforating, with options to add more (tools) if requested.

### Features & Benefits

- Eliminates cracking on stocks ranging from 100-400gsm
- Simply turn the handle to drive the feeder and activate the tooling shaft
- Easy to set & operate
- Includes special auto-fan feed sheet separator
- Tooling section can hold a combination of up to 5 creasing/micro-perforating tools

3

## with motor & feeder



### CreaseStream Auto feed MKII

Auto feed MKII is a modified version of the previous model, taking a higher stock load of up to 9cm thanks to a specially designed auto fan sheet separator which aids continuous feed consistency.

This version outputs a steady average of up to 4,500 sheets per hour regardless of whether it applies just one crease or micro-perforation or a combination of 5 applications in a single pass.

Two tools are included as standard, choose from either 2 x creasing or 1 x creasing & 1 x micro-perforating, with options to add more (tools) if requested.

#### Features & Benefits

- Eliminates cracking on stocks ranging from 100–400gsm
- Fully automated
- Easy to set & operate
- Can produce up to 5 crease/micro-perf applications in a single pass
- Can be retro-fitted with our CardFolder unit to gently fold creased/micro-perforated products

CreaseStream Machine Checklist	Card Creaser Deluxe	Quick feed MKII	Auto feed MKII
Double Crease	✓	✓	✓
Crease & Perf	✓	✓	✓
<b>Input/Output</b>	One sheet at a time	Semi-automatic feeding system	Fully-automatic feeding system
<b>Sheets per hour</b>	1000	3000	4500
Double Perf (Additional tooling required)	✓	✓	✓
Single Cut (Additional tooling required)	✓	✓	✓
Double Cut (Additional tooling required)	✓	✓	✓
Spine & Hinge (Additional tooling required) (4 close-proximity creases)	✗	✓	✓

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# 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 110,000 Tri-Creaser sales reached in July 2018, 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 500 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.



### Outstanding speed & quality in Digital Printing

With ever growing demand for the highest quality finishing Tech-ni-Fold launched **CreaseStream**

**CreaseStream** integrates Tech-ni-Fold technology on a range of versatile finishing machinery allowing the sheet to use multiple crease, cut and micro-perforating combinations in a single pass.

**Please see our website for further information [www.creasestream.com](http://www.creasestream.com)  
or call our helpline +44 (0) 1455 554491**



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

Tel: +44 (0)1455 554 491 Email: [info@technifold.co.uk](mailto:info@technifold.co.uk)

Tech-ni-Fold Ltd, Unit 2, St John's Business Park, Lutterworth, Leicestershire, LE17 4HB, UK