



Technifold Tri-Creaser

Here are a few benefits...

- Completely **eliminates fiber cracking 100%** on stock ranges from 90# text and up
- 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
- Saves expensive outsourcing costs
- Saves hours and hours of time
- **Faster delivery** to your customer

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

The Tri-Creaser™ is simple to set and works by loading any one of a choice of three color-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 100# text and up. The creasing rib dictates the depth of crease and the 8-Channel female component produces the correct width for the chosen stock.

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

EZ-Fit Tri-Creaser™

Threading the rib into place:



Features include...

Easy way to change crease settings

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

Compatibility...

Fits the following types of folding and scoring machines:

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

Tri-Creaser™ Fast-Fit

Features include...

Superior split rib technology

Ideal for scoring machines or folders where shaft removal is tedious.

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.

Compatibility...

Fits the following types of folding and scoring machines:

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

NEW

Optional Nylon Creasing Ribs

Use nylon creasing ribs for laminated jobs, signatures or brochures with right-angle folds

Optional Soft Poly Creasing Ribs

For creasing sensitive digital stocks

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

“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.

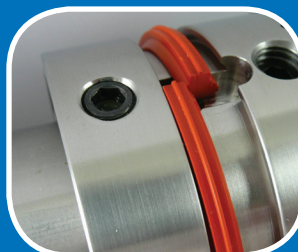
I can't wait for the next job. Thank you again and I look forward to doing business with your company in the future.”

Brian McGuire, Bindery Manager
Brown Printing, Rockyface, Georgia

Locking hub...

...with split crease

...and secured into place



An Example of Return on Investment for a Typical Score & Fold Job

The Job: 25,000 11 x 17 on 80# Cover, fold 2x to 5.75 x 11

We'll use an MBO B26 for our folding machine example.

Direct manufacturing costs on most comparably sized machines will be very similar.

Assume a run speed of 15,000/hr on folder and 3,000/hr on die cutter.

Method One: Die Score Covers, then fold

[folder and letterpress costs from pp2 & 3]

Hourly Rate	Makeready Time	Run Time	Cost
Folder at \$65.15/hr	$(.25 \times 65.15 = 16.29)$	$+ (1.67 \times 65.15 = 108.80)$	$= 125.09$
Die cutter @ 47.93/hr	$(.5 \times 47.93 = 23.97)$	$+ (8.3 \times 47.93 = 397.82)$	$= 421.79$
Total Cost			546.88

** ADD in: Lost opportunity cost.

How much additional profit could you have made by running a more complex, higher margin job on the die cutter?

Method Two: Score Covers in-line on folder with Tri-Creaser

[folder cost from p4, MBO B26 outfitted with 2 EZ-Fit Tri-Creaser]

Hourly Rate	Makeready Time	Run Time	Cost
Folder at \$65.52/hr	$(.5 \times 65.52 = 32.76)$	$+ (1.67 \times 65.52 = 109.42)$	$= 142.18$

Method Three: Send covers out for scoring, then fold

[folder cost from p2]

Hourly Rate	Makeready Time	Run Time	Cost
Folder at \$65.15/hr	$(.25 \times 65.15 = 16.29)$	$+ (1.67 \times 65.15 = 108.80)$	$= 125.09$
Outsource scoring	\$10/thousand (El Cheapo rate)		250.00
Freight to & from	\$25 each way		50.00
			425.09

Your savings on ONE SMALL JOB : up to \$404.70....your investment is paid for in a handful of jobs. (plus your cost savings = net profit added directly to your bottom line)

And in a hotly competitive environment, can you really afford for your finishing costs to be 380% higher?

Can you really afford the extra time required to compete conventionally?

Plug in your own numbers.

Change the assumed makeready and run times.

You'll find it extremely difficult, if not impossible, to compete in a conventional fashion (methods one and three) with a folding machine outfitted with Technifold creasing, perfining or cutting devices.

MBO B26S 4-4-4

MAX. SIZE MATERIAL PROCESSED:	MAX. THICKNESS:	NO. OF STATIONS / HEADS:	RATED SPEED:	FUNCTIONS PERFORMED BY THIS EQUIPMENT:	POWER REQUIRED:	FLOOR SPACE (SQ. FT.):
26" X 41"	n/a	n/a	41,000 fph	Folding, perforating, scoring, trimming, and slitting.	hp: — kWhs: 5.5	425

COMPLEMENT	WAGES-1 SHIFT
Operator	\$32,785
# Workers Per Shift: 1	Total: \$32,785

BASE COST OF EQUIPMENT:	\$125,480
AUXILIARY EQUIP. COST:	N/A
ESTIMATED INSTALLATION:	Included
TOTAL INVESTMENT COST:	\$125,480

Equipment

Shipped F.O.B.: Westampton, NJ

BASE COST ABOVE INCLUDES
Folder with three folding units with four buckle plates in each unit; continuous feeder with vacuum feeding; combination Spiral fold rollers; Marble-less sheet controls; Microprocessor-MC Control; sheet management system with automatic and optimized sheet feeding control for suction length and sheet gap; sheet monitoring (fold quality control and jam control); self diagnostics, error messages, and integrated totalizing, running rate, and batch counter; scoring, slitting, and perforating; ASP large capacity mobile pressing, marking, stream delivery; training; installation.

AUXILIARY EQUIPMENT INCLUDES

HOURLY COSTS: ONE SHIFT - AREA C

Annual Manned Hours @ 100% Productivity: **1,936**

1. Depreciation.....	10	% (annually).....	\$ 12,548	
2. Rent & Heat.....	\$5.00	(per sq. ft. annually)...	2,125	
3. Fire Insurance.....	\$4.00	(per K of invest.).....	502	
4. Direct Labor.....	from total wages above		32,785	
5. Indirect Labor.....	20	% (of direct labor)....	6,557	
6. PensionFund.....	2	% (of direct labor).....	656	
7. Welfare Benefits...	\$45.00	(per wk./per employ.)	2,340	
8. Payroll Taxes.....	8.3	% (of lines 4 + 5)	3,265	
9. Workers Comp....	\$40.00	(per \$1,000 of wages)	1,574	
10. Power (from hp)...	\$0.07	(your cost per kWh)...	0	
11. Power (from kWh)	\$0.07	(your cost per kWh)...	447	
12. Direct Supplies....	\$500	Annually.....	500	
13. Repairs/Maint.....	2	% (of total invest.).....	2,510	
14. Sub-total.....	sum of lines 1-to-13		\$ 65,809	
15. General Factory.....	15	% (of line 14)....	9,871	
16. Total Manuf. Costs.....	sum of lines 14 + 15		\$ 75,680	
17. Admin./Selling Overhead....	42	% (of line 16)....	31,786	
18. Total Costs.....	sum of lines 16 + 17		\$ 107,465	
19. Manufacturing Hourly Costs @ These Productivity Levels			85 %	\$ 45.99
			75 %	52.12
			60 %	65.15
20. All-Inclusive Hourly Costs @ These Productivity Levels			85 %	\$ 65.30
			75 %	74.01
			60 %	92.51



Generic Used Automatic Die Cutting Press or Letterpress

MAX. SIZE MATERIAL PROCESSED:	MAX. THICKNESS:	NO. OF STATIONS / HEADS:	RATED SPEED:	FUNCTIONS PERFORMED BY THIS EQUIPMENT:	POWER REQUIRED:	FLOOR SPACE (SQ. FT.):
15" X 24.75"	0.200 board	n/a	3,300 iph	Die cutting, scoring, cold embossing.	hp: 3 kWhs: --	50

COMPLEMENT	WAGES-1 SHIFT
Operator	\$32,785
# Workers Per Shift: 1	Total: \$32,785

BASE COST OF EQUIPMENT:	\$5,000
AUXILIARY EQUIP. COST:	N/A
ESTIMATED INSTALLATION:	1500
TOTAL INVESTMENT COST:	\$6,500

Equipment
Shipped F.O.B.:

BASE COST ABOVE INCLUDES
Standard equipment and electrical, including automatic oiling system; die cutting plates; two steel chases;

AUXILIARY EQUIPMENT INCLUDES

HOURLY COSTS: ONE SHIFT - AREA C

Annual Manned Hours @ 100% Productivity: **1,936**

1. Depreciation.....	10 % (annually)	\$ 650
2. Rent & Heat.....	\$5.00 (per sq. ft. annually)	250
3. Fire Insurance.....	\$4.00 (per K of invest.)	26
4. Direct Labor.....	from total wages above	32,785
5. Indirect Labor.....	20 % (of direct labor)	6,557
6. Pension Fund.....	2 % (of direct labor)	656
7. Welfare Benefits...	\$45.00 (per wk./per employ.)	2,340
8. Payroll Taxes.....	8.3 % (of labor)	3,265
9. Workers Comp....	\$40.00 (per \$1,000 of wages)	1,574
10. Power (from hp)...	\$0.07 (your cost per kWh)	182
11. Power (from kWh)	\$0.07 (your cost per kWh)	0
12. Direct Supplies....	\$0 Annually	0
13. Repairs/Maint.....	2 % (of total invest.)	130
14. Sub-total.....	sum of lines 1 thru 13	\$ 48,415
15. General Factory.....	15 % (of line 14)	7,262
16. Total Manuf. Costs.....	sum of lines 14 + 15	\$ 55,677
17. Admin./Selling Overhead....	42 % (of line 16)	23,384
18. Total Costs.....	sum of lines 16 + 17	\$ 79,061

19. Manufacturing Hourly Costs @ These Productivity Levels	85 %	\$ 33.83
	75 %	38.35
	60 %	47.93
20. All-Inclusive Hourly Costs @ These Productivity Levels	85 %	\$ 48.04
	75 %	54.45
	60 %	68.06



MBO B26S 4-4-4 + 2 EZ Fit Tri-Creaser

MAX. SIZE MATERIAL PROCESSED:	MAX. THICKNESS:	NO. OF STATIONS / HEADS:	RATED SPEED:	FUNCTIONS PERFORMED BY THIS EQUIPMENT:	POWER REQUIRED:	FLOOR SPACE (SQ. FT.):
26" X 41"	n/a	n/a	41,000 fph	Folding, perforating, scoring, trimming, and slitting.	hp: — kWhs: 5.5	425

COMPLEMENT	WAGES-1 SHIFT
Operator	\$32,785
# Workers Per Shift: 1	Total: \$32,785

BASE COST OF EQUIPMENT:	\$125,480
Addl Cost-2 EZ Fit Tri-Creaser:	2994
ESTIMATED INSTALLATION:	Included
TOTAL INVESTMENT COST:	\$128,474

Equipment

Shipped F.O.B.: Westampton, NJ

BASE COST ABOVE INCLUDES
Folder with three folding units with four buckle plates in each unit; continuous feeder with vacuum feeding; combination Spiral fold rollers; Marble-less sheet controls; Microprocessor-MC Control; sheet management system with automatic and optimized sheet feeding control for suction length and sheet gap; sheet monitoring (fold quality control and jam control); self diagnostics, error messages, and integrated totalizing, running rate, and batch counter; scoring, slitting, and perforating; ASP large capacity mobile pressing, marking, stream delivery; training; installation.

AUXILIARY EQUIPMENT INCLUDES

HOURLY COSTS: ONE SHIFT - AREA C

Annual Manned Hours @ 100% Productivity: **1,936**

1. Depreciation.....	10 % (annually)	\$ 12,847
2. Rent & Heat.....	\$5.00 (per sq. ft. annually)	2,125
3. Fire Insurance.....	\$4.00 (per K of invest.)	514
4. Direct Labor.....	from total wages above	32,785
5. Indirect Labor.....	20 % (of direct labor)	6,557
6. Pension Fund.....	2 % (of direct labor)	656
7. Welfare Benefits....	\$45.00 (per wk./per employ.)	2,340
8. Payroll Taxes.....	8.3 % (of labor)	3,265
9. Workers Comp....	\$40.00 (per \$1,000 of wages)	1,574
10. Power (from hp)...	\$0.07 (your cost per kWh)	0
11. Power (from kWh)	\$0.07 (your cost per kWh)	447
12. Direct Supplies....	\$500 Annually	500
13. Repairs/Maint.....	2 % (of total invest.)	2,569
14. Sub-total.....	sum of lines 1 thru 13	\$ 66,180
15. General Factory.....	15 % (of line 14)	9,927
16. Total Manuf. Costs.....	sum of lines 14 + 15	\$ 76,107
17. Admin./Selling Overhead....	42 % (of line 16)	31,965
18. Total Costs.....	sum of lines 16 + 17	\$ 108,072
19. Manufacturing Hourly Costs @ These Productivity Levels	85 %	\$ 48.25
	75 %	52.42
	60 %	65.52
20. All-Inclusive Hourly Costs @ These Productivity Levels	85 %	\$ 65.67
	75 %	74.43
	60 %	93.04



For Video Demonstrations:

<http://www.technifoldusa.com/video-demonstrations/>

Listen to One-on-One Interviews Here.

Technifold clients talk about their successes with the Tri-Creaser, Spine Creaser, Multi Tool, Micro Perforator, and scoring machines.

<http://www.technifoldusa.com/company/technifold-case-studies/>

Download a 32 page pdf, “*Success Stories: What Our Customers are Saying*”

[Click Here](#) to open in your browser. (Or go to the Case Study page above and scroll down to the bottom if the link doesn't work from this pdf.)

To Order Technifold Products Online, 24-7, Visit

<http://store.technifoldusa.com/>

Sign up for the Free Bindery Success Strategies Newsletter

in Print or Digital format. Or get both! They each contain slightly different content and they're both free! Get the eNews once a week. The print version is mailed once a month.

<http://www.technifoldusa.com/Free-Stuff/>

**Have Questions or Need to Discuss Your Bindery Applications?
Prefer to Order Over the Phone?**

Call the Sales Office at 973-383-7920 M-F 10-4 eastern. Or leave a message any other time. We'll return your call as soon as possible the same business day or the following day if it's after hours.