FlexPackPRO®

THERMAL TRANSFER OVERPRINTERS
FOR FLEXIBLE PACKAGING



2025 PRODUCT GUIDE

BETTER-BUILT PRINTERS
AT A MORE REASONABLE PRICE

WWW.FLEXPACKPRO.COM

















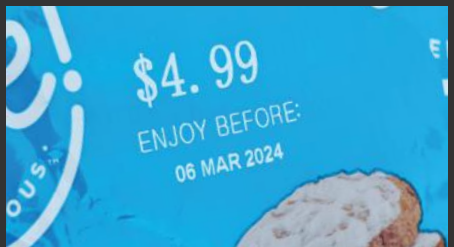
GO PRO
WITH YOUR TTO
FlexPackPRO













FlexPackPRO®

PREMIUM TTO SYSTEMS
BUILT BY TTO EXPERTS.

Every system we build is the culmination of over 25 years of dedicated thermal transfer printing technology experience. We know what it takes to deliver the highest-quality, most reliable TTO performance in any packaging environment.

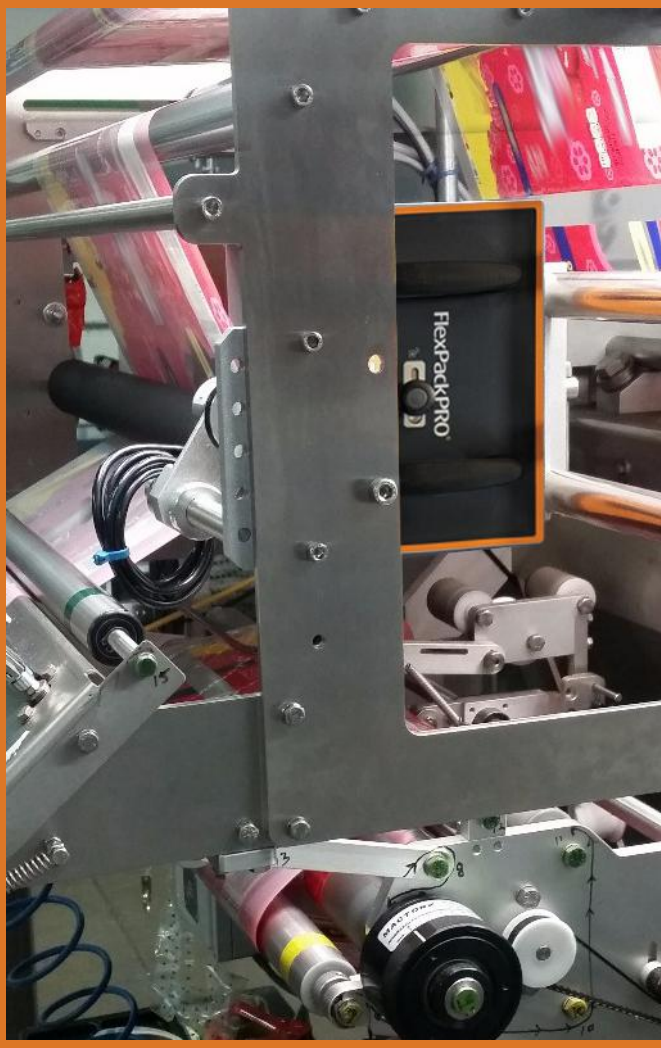
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Specialty Systems // Traversing TTO & THE FLEX™ — *PAGES 5 & 6*



ADDITIONAL SOLUTIONS ALSO AVAILABLE

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130 SERIES

32mm TTO CODERS



- 32mm (1.3”) wide, 300dpi Printhead
- Continuous & Intermittent Motion
- Perfect for “small footprint” expiration dates and lot codes
- Economical digital upgrade from hot stamp printers and roller coders
- Recommended for both packaging machines and labelers

MODELS	130i7	130c7	130iXT	130cXT
PRINTER MODE	Intermittent	Continuous	Intermittent	Continuous
MAX PRINT AREA	32 x 76 mm	32 x 125 mm	32 mm x 76 mm	32 mm x 125 mm - Standard / 500 mm - Optional
(WIDTH X LENGTH)	(1.3” x 3”)	(1.3” x 5”)	(1.3” x 3”)	(1.3” x 5” - Standard / 19.7” - Optional)
PRINT RESOLUTION	300 dpi	300 dpi	300 dpi	300 dpi
MAX PRINT SPEED	500 mm/s (19.7 in/s)	1,000 mm/s (39.4 in/s)	500 mm/s (19.7 in/s)	800 mm/s (31.5 in/s)
PRINT GAP	0.5 mm (0.02”)	0.5 mm (0.02”)	0.5 mm (0.02”)	0.5 mm (0.02”)
STANDARD RIBBON WIDTH	35 mm (1.4”)	35 mm (1.4”)	35 mm (1.4”)	35 mm (1.4”)
MAX RIBBON LENGTH	680 m (2,230’)	680 m (2,230’)	1,000 m (3,280’)	1,000 m (3,280’)
RIBBON SAVER FEATURES	Yes	Yes	Yes	Yes
RIBBON LOADING	Integrated Cassette	Integrated Cassette	Integrated Cassette	Integrated Cassette
STANDARD USER INTERFACE	7” Color Touchscreen	7” Color Touchscreen	7” Color Touchscreen	7” Color Touchscreen
SOFTWARE	ProCode™ Professional	ProCode™ Professional	ProCode™ Professional	ProCode™ Professional
BARCODES	All	All	All	All
STANDARD COMMUNICATION	USB, Ethernet, RS232	USB, Ethernet, RS232	USB, Ethernet, RS232	USB, Ethernet, RS232
PRINTER DIMENSIONS	180 mm x 220 mm x 222	180 mm x 220 mm x 222	180 mm x 265 mm x 237	180 mm x 265 mm x 237 mm
(HEIGHT X WIDTH X	(7.09” x 8.66” x 8.74”)	(7.09” x 8.66” x 8.74”)	(7.09” x 10.43” x 9.45”)	(7.09” x 10.43” x 9.45”)
PRINTER WEIGHT	9.4 kg (20.7 lbs)	8.9 kg (19.6 lbs)	9.4 kg (20.7 lbs)	8.9 kg (19.6 lbs)
POWER SUPPLY	100 - 240 VAC, 50 - 60 Hz	100 - 240 VAC, 50 - 60 Hz	100 - 240 VAC, 50 - 60 Hz	100 - 240 VAC, 50 - 60 Hz
AIR SUPPLY	4 bar / 58 psi (max)	4 bar / 58 psi (max)	4 bar / 58 psi (max)	4 bar / 58 psi (max)
OPERATING TEMPERATURE	1° - 55° C (34° - 131° F)	1° - 55° C (34° - 131° F)	1° - 55° C (34° - 131° F)	1° - 55° C (34° - 131° F)



210 SERIES

53mm TTO CODERS

- 53mm (2.1") wide, 300dpi Printhead
- Continuous & Intermittent Motion
- Highest-speed performance for heavy volume applications
- Superior, cost-effective replacement for other brands of 53mm TTO
- Broadest variety of models, from entry-level to industrial

MODELS	210i7 / 210iL	210c7 / 210cL	210iXT	210cXT / 210cXTL
PRINTER MODE	Intermittent	Continuous	Intermittent	Continuous
MAX PRINT AREA (WIDTH X LENGTH)	53 x 76 mm / 125 mm (2.1" x 3" / 5")	53 x 125 mm / 500 mm (2.1" x 5" / 19.7")	53 mm x 76 mm (2.1" x 3")	53 mm x 125 mm / 500 mm (2.1" x 5" / 19.7")
PRINT RESOLUTION	300 dpi	300 dpi	300 dpi	300 dpi
MAX PRINT SPEED	500 mm/s (19.7 in/s)	1,000 mm/s (39.4 in/s)	500 mm/s (19.7 in/s)	800 mm/s (31.5 in/s)
PRINT GAP	0.5 mm (0.02")	0.5 mm (0.02")	0.5 mm (0.02")	0.5 mm (0.02")
STANDARD RIBBON WIDTH	55mm (2.2")	55mm (2.2")	55 mm (2.2")	55 mm (2.2")
MAX RIBBON LENGTH	680 m (2,230')	680 m (2,230')	1,000 m (3,280')	1,000 m (3,280')
RIBBON SAVER FEATURES	Yes	Yes	Yes	Yes
RIBBON LOADING	Integrated Cassette	Integrated Cassette	Integrated Cassette	Integrated Cassette
STANDARD USER INTERFACE	7" Color Touchscreen	7" Color Touchscreen	7" Color Touchscreen	7" Color Touchscreen
SOFTWARE	ProCode™ Professional	ProCode™ Professional	ProCode™ Professional	ProCode™ Professional
BARCODES	All	All	All	All
STANDARD COMMUNICATION	USB, Ethernet, RS232	USB, Ethernet, RS232	USB, Ethernet, RS232	USB, Ethernet, RS232
PRINTER DIMENSIONS (HEIGHT X WIDTH X DEPTH)	180 mm x 220 mm x 233 mm / 180 mm x 248 mm x 265 mm (7.09" x 8.66" x 9.17") / (7.09" x 9.76" x 10.43")	180 mm x 220 mm x 233 mm (7.09" x 8.66" x 9.17")	180 mm x 248 mm x 265 mm (7.09" x 9.76" x 10.43")	180 mm x 248 mm x 265 mm (7.09" x 9.76" x 10.43")
PRINTER WEIGHT	9.4 kg (20.7 lbs) / 11 kg (24.3 lbs)	8.9 kg (19.6 lbs)	10.5 kg (23.1 lbs)	10.5 kg (23.1 lbs)
POWER SUPPLY	100 - 240 VAC, 50 - 60 Hz	100 - 240 VAC, 50 - 60 Hz	100 - 240 VAC, 50 - 60 Hz	100 - 240 VAC, 50 - 60 Hz
AIR SUPPLY	4 bar / 58 psi (max)	4 bar / 58 psi (max)	4 bar / 58 psi (max)	4 bar / 58 psi (max)
OPERATING TEMPERATURE	1° - 55° C (34° - 131° F)	1° - 55° C (34° - 131° F)	1° - 55° C (34° - 131° F)	1° - 55° C (34° - 131° F)

420 SERIES

107mm TTO CODERS

- 107mm (4.2”) wide, 300dpi Printhead
- Continuous & Intermittent Motion
- Print larger combinations of codes, logos, text and graphics
- Excellent option for prtinting variable ingredients and nutrition panels
- Up to 4.2” x 10” print area



MODELS	420i7 / 420iL	420c7 / 420cL	420iXT	420cXT / 420cXTL
PRINTER MODE	Intermittent	Continuous	Intermittent	Continuous
MAX PRINT AREA (WIDTH X LENGTH)	107 x 76 mm / 125 mm (4.2” x 3” / 5”)	107 x 125 mm / 250 mm (4.2” x 5” / 9.8”)	107 mm x 76 mm (4.2” x 3”)	107 mm x 125 mm / 250 mm (4.2” x 5” / 10”)
PRINT RESOLUTION	300 dpi	300 dpi	300 dpi	300 dpi
MAX PRINT SPEED	400 mm/s (15.8 in/s)	600 mm/s (23.6 in/s)	400 mm/s (15.8 in/s)	600 mm/s (23.6 in/s)
PRINT GAP	0.5mm (.02”)	0.5mm (.02”)	0.5 mm (.02”)	0.5 mm (.02”)
STANDARD RIBBON WIDTH	110mm (4.3”)	110mm (4.3”)	110 mm (4.3”)	110 mm (4.3”)
MAX RIBBON LENGTH	680 m (2,230’)	680 m (2,230’)	1,000 m (3,280’)	1,000 m (3,280’)
RIBBON SAVER FEATURES	Yes	Yes	Yes	Yes
RIBBON LOADING	Integrated Cassette	Integrated Cassette	Integrated Cassette	Integrated Cassette
STANDARD USER INTERFACE	7” Color Touchscreen	7” Color Touchscreen	7” Color Touchscreen	7” Color Touchscreen
SOFTWARE	ProCode™ Professional	ProCode™ Professional	ProCode™ Professional	ProCode™ Professional
BARCODES	All	All	All	All
STANDARD COMMUNICATION	USB, Ethernet, RS232	USB, Ethernet, RS232	USB, Ethernet, RS232	USB, Ethernet, RS232
PRINTER DIMENSIONS	180 mm x 220 mm x 303 mm / 180 mm x 265 mm x 303 mm	180 mm x 220 mm x 303 mm	180 mm x 220 mm x 303 mm	180 mm x 220 mm x 303 mm
(HEIGHT X WIDTH X DEPTH)	(7.09” x 8.66” x 11.93” / 7.09” x 10.43” x 11.93”)	(7.09” x 8.66” x 11.93”)	(7.09” x 8.66” x 11.93”)	(7.09” x 8.66” x 11.93”)
PRINTER WEIGHT	11.6 kg (25.6 lbs) / 12.6 kg (27.8 lbs)	11.1 kg (24.5 lbs)	11.6 kg (25.6 lbs)	11.1 kg (24.5 lbs)
POWER SUPPLY	100 - 240 VAC, 50 - 60 Hz	100 - 240 VAC, 50 - 60 Hz	100 - 240 VAC, 50 - 60 Hz	100 - 240 VAC, 50 - 60 Hz
AIR SUPPLY	4 bar / 58 psi (max)	4 bar / 58 psi (max)	4 bar / 58 psi (max)	4 bar / 58 psi (max)
OPERATING TEMPERATURE	1° - 55° C (34° - 131° F)	1° - 55° C (34° - 131° F)	1° - 55° C (34° - 131° F)	1° - 55° C (34° - 131° F)



500 SERIES

128mm TTO CODERS

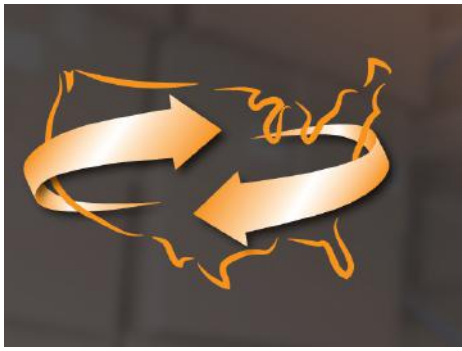
- 128mm (5" wide), 300dpi Printhead
- Continuous & Intermittent Motion
- Largest Available TTO Print Area (5" x 8")
- Fit logos, barcodes, date codes, ingredients, nutrition statements and more in one template

MODELS	500iL	500cL
PRINTER MODE	Intermittent	Continuous
MAX PRINT AREA	128 x 125 mm	128 x 200 mm
(WIDTH X LENGTH)	(5.1" x 5")	(5.1" x 8")
PRINT RESOLUTION	300 dpi	300 dpi
MAX PRINT SPEED	300 mm/s (11.8 in/s)	400 mm/s (15.8 in/s)
PRINT GAP	0.5mm (.02")	0.5mm (.02")
STANDARD RIBBON WIDTH	130mm (5.1")	130mm (5.1")
MAX RIBBON LENGTH	680 m (2,230')	680 m (2,230')
RIBBON SAVER FEATURES	Yes	Yes
RIBBON LOADING	Integrated Cassette	Integrated Cassette
STANDARD USER INTERFACE	7" Color Touchscreen	7" Color Touchscreen
SOFTWARE	ProCode™ Professional	ProCode™ Professional
BARCODES	All	All
STANDARD COMMUNICATION	USB, Ethernet, RS232	USB, Ethernet, RS232
PRINTER DIMENSIONS (HEIGHT X WIDTH X DEPTH)	180 mm x 220 mm x 323 mm (7.09" x 8.66" x 12.71")	180 mm x 220 mm x 323 mm (7.09" x 8.66" x 12.71")
PRINTER WEIGHT	13.2 kg (29.1 lbs)	12.7 kg (28 lbs)
POWER SUPPLY	100 - 240 VAC, 50 - 60 Hz	100 - 240 VAC, 50 - 60 Hz
AIR SUPPLY	4 bar / 58 psi (max)	4 bar / 58 psi (max)
OPERATING TEMPERATURE	1° - 55° C (34° - 131° F)	1° - 55° C (34° - 131° F)

THE FINEST REGIONAL REPRESENTATION

More than 200 professional marking and coding sales engineers and technicians across the country make sure your experience with FlexPackPRO® brand TTO equipment is nothing short of exceptional.

We've got you covered.



TRAVERSING TTO

TTO PRINTERS FOR MULTI-LANE PRINTING & CODING

Available with a 32mm (1.36”), 53mm (2.1”) or 107mm (4.2”) wide printhead, the FlexPackPRO® Traversing TTO system prints high-resolution codes, text and graphics on multi-lane packaging machines.

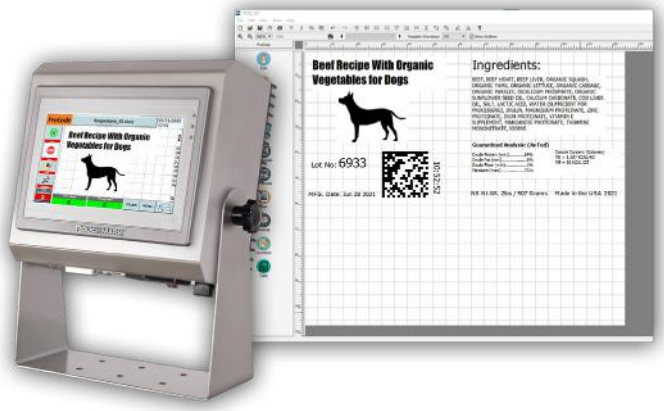


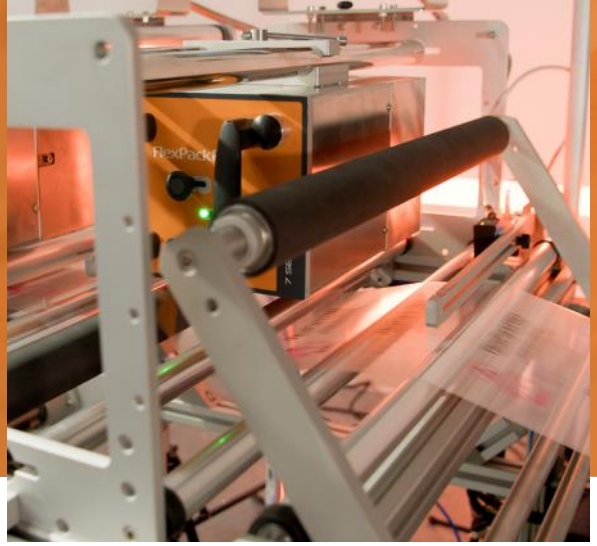


Perfect for thermoform, fill and seal machines requiring multiple images across the packaging film web, these units print up to 40” across in one sweep. Available with both standard and X-Y motion (multi-row) mounting systems.

AVAILABLE MODELS	
TRS-1304	32mm (1.3”) x 400mm (15.75”) PRINT AREA
TRS-1306	32mm (1.3”) x 600mm (23.6”) PRINT AREA
TRS-2104	53mm (2.1”) x 400mm (15.75”) PRINT AREA
TRS-2106	53mm (2.1”) x 600mm (23.6”) PRINT AREA
TRS-2110	53mm (2.1”) x 1000mm (39.37”) PRINT AREA
TRS-4204	107mm (4.2”) x 400mm (15.75”) PRINT AREA
TRS-4206	107mm (4.2”) x 600mm (23.6”) PRINT AREA
TRS-4210	107mm (4.2”) x 1000mm (39.37”) PRINT AREA
TRS-5004	128mm (5.1”) x 400mm (15.75”) PRINT AREA
TRS-5006	128mm (5.1”) x 600mm (23.6”) PRINT AREA

ALL UNITS INCLUDE OUR DURABLE, USER-FRIENDLY 7” STAINLESS STEEL TOUCH-SCREEN CONTROLLERS!



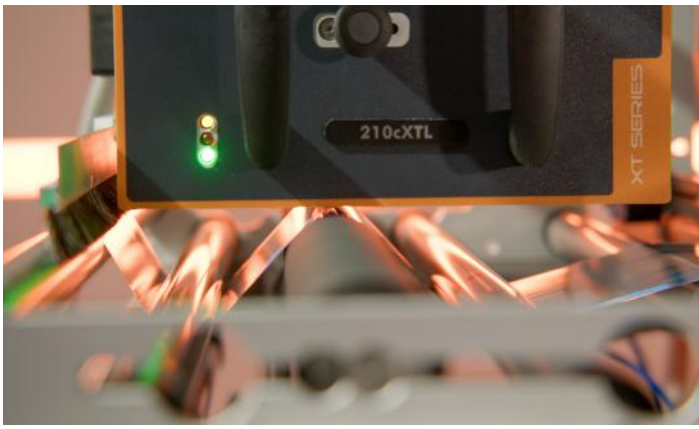


THE FLEX™

TTO-MOUNTED UNWIND-REWIND SYSTEMS

FLEX400™

Capable of accommodating film rolls of up to 400 or 600mm wide, the FLEX makes it easier than ever to reduce preprinted flexible packaging inventory with a custom built, TTO-mounted, high-speed unwind-re-wind system. One or two individual printers are mounted in brackets and can be positioned to print variable information, graphics and barcodes at different locations across the web of the roll, allowing you to customize generic packaging film on-demand.

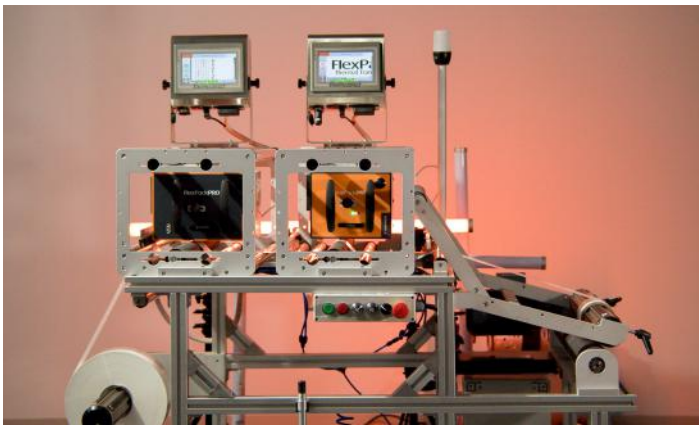




IN ADDITION TO FLEXIBLE PACKAGING, YOU CAN PRINT ROLLS OF PRESSURE SENSITIVE LABEL STOCK AND TAG STOCK TOO!

Virtually anything that comes on a 3" I/D roll and has a suitable surface can be printed with high resolution barcodes, text and graphics.

FLEX600™



AVAILABLE MODELS			
130cL	32mm (1.3") x 250mm (10") PRINT AREA	420cL	107mm (4.2") x 250mm (10") PRINT AREA
210cL	53mm (2.1") x 250mm (10") PRINT AREA	500cL	128mm (5") x 200mm (8") PRINT AREA

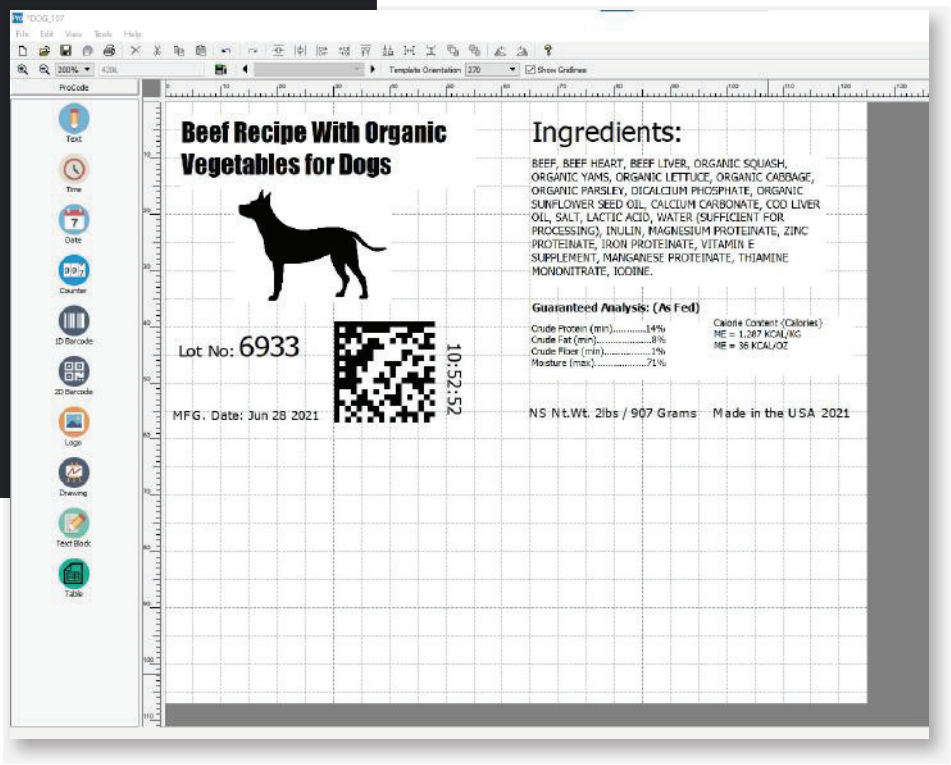
PLUS, THE NEW FLEXtij - *SEE PAGE 10 FOR DETAILS*

ProCode™

PROFESSIONAL

FlexPackPRO's full-featured coding design software, ProCode™ Professional, is included ***free-of-charge*** *with every FlexPackPRO® TTO System.*





Our feature-rich, user-friendly, **Windows®-based software** enables you to easily create everything you'll need in your package coding environment. From standard **expiration dates and lot codes**, to **linear and 2-dimensional barcodes**, to **high-resolution logos and graphics**, ProCode™ does it all. Compatible with other software too.

BUILT TO LAST.



Built to last every unit comes with a secure 12-month warranty and several options for extended or on-site care.

LESS DOWNTIME.

RUN MULTIPLE TTO PRINTERS
ALL FROM ONE CONTROLLER



WITH

FlexPackPRO®
Thermal Transfer Overprinting

WE MAKE EFFICIENCY EASY

CONTACT US TODAY TO START SIMPLIFYING AND SAVING ON YOUR TTO MARKING & CODING

- **UP TO EIGHT TTO PRINTERS** OF THE SAME MODEL CAN BE RUN FROM ONE CONTROLLER
- WORKS WITH INTERMITTENT OR CONTINUOUS UNITS
- STAINLESS STEEL CONTROLLERS FEATURE 10.1" FULL-COLOR TOUCHSCREENS, WITH 1280*800 PIXEL RESOLUTION
- CONNECTIONS VIA USB, ETHERNET (LAN, WIFI), OR RS232/485 SUPPORTED

MEET OUR OTHER BRANDS

HIGH-RES MARKING & CODING

COMPLIANCE MADE EASY

877.210.2803

POUCHMARK®

DIRECT-TO-POUCH VARIABLE PRINTING









ELIMINATE THE LABEL™

Led by a team of marking & coding industry veterans, each with over twenty-five years of product development experience, the PouchMark® line of on-demand feeding and printing systems enables companies of any size to print variable text, barcodes and logos directly onto stand-up pouches, flat boxes, flexible packaging film and more.



WWW.POUCHMARK.COM

FLEXtij
CHANGING THE GAME™

THERMAL INKJET PRINTERS

AND

RESIN-BASED INKS

FLEXtij™ Thermal Inkjet printing systems have been designed to deliver advanced, dynamic flexible printing options that keep up with the constantly shifting demands of traceability requirements and the ever-changing advancements in flexible packaging substrates and coated surfaces.

EXPERIENCE THE FLEXtij DIFFERENCE

+ PRECISION CODING AT EXTRAORDINARY SPEEDS
+ HIGH-RESOLUTION PRINTING ONTO CARTONS, POUCHES & MORE
+ EXTREME RELIABILITY
+ TREMENDOUS BUILD QUALITY
+ LOWER COST OF OWNERSHIP
+ MORE UPTIME
+ USER-FRIENDLY
+ **DURABLE RESIN INK FORMULATIONS**

FLEXPRINT
THERMAL CONSUMABLES

SUPERIOR QUALITY AT A TERRIFIC VALUE

FLEXPRINT™ Thermal Transfer Ribbons & Printheads are guaranteed to deliver superior print quality on the broadest number of materials. Engineered to exceed the performance of other TTO brands, FLEXPRINT™ has your Best-in-Class ribbon & printhead solutions for PouchMark®, FlexPackPRO®, Markem-Imaje®, Videojet®, and other leading TTO brands.





WITH A VARIETY OF COLORS AVAILABLE



OUR STORY

Founded in 2014, FlexPackPRO was established by a group of on-demand printing veterans, each with 20-30 years of thermal transfer printing experience.

There was a powerful need for better-built, lower-cost Thermal Transfer Overprinters (TTO) for in-line packaging machine and labeler applications. We introduced our first few printer models at Pack Expo 2014 in Chicago, and have continued investing in product development ever since.

FlexPackPRO now boasts the world's broadest and best-built line of TTO printers, backed by the industry's longest standard warranty (18 months). Represented by a highly-regarded network of established, well-trained marking and coding equipment distributors, FlexPackPRO offers local support throughout North America.

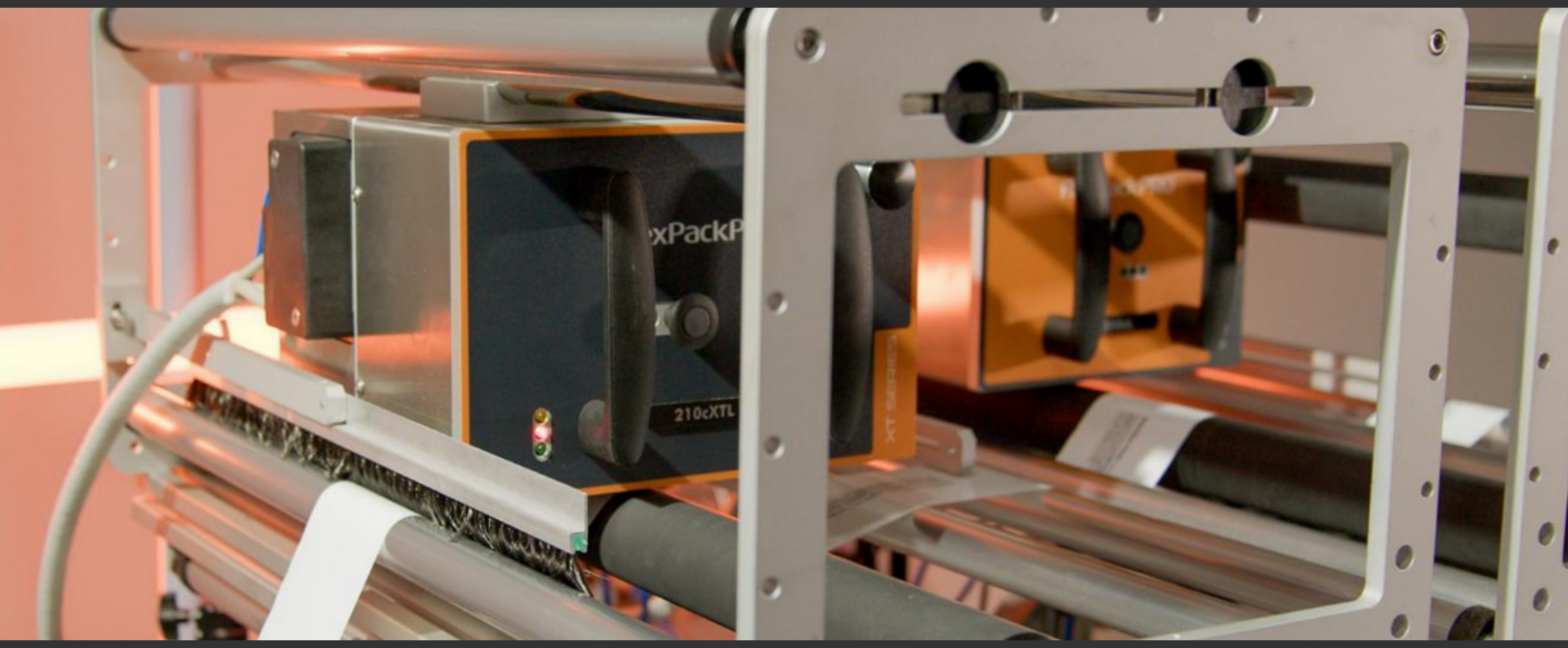
In 2016, our Innovations Department rolled out our first stand-alone "TableTop TTO" system, for manual on-demand variable printing. This innovation spearheaded a massive multi-year development effort to bring even more sophisticated off-line systems to market.

Recognizing the explosive growth in the pre-formed pouch market, and the frustrations users were having meeting ever-changing labeling requirements, we established PouchMark, an independent unit of FlexPackPRO, to introduce our ground-breaking FLOW line of pouch and flat box feeding and printing systems. A game-changer for so many companies in so many industries. The success of this roll-out was followed by the introduction of our premium high-capacity pouch feeding and printing system, the EDGE.

In 2023, FlexPackPRO once again disrupted a well-established market. TIJ (thermal inkjet) technology had been "stuck in the mud" in terms of substrate compatibility, print speed, image resolution and ink durability. Enter FLEXtij, our proprietary thermal inkjet printer and resin-based ink technology, capable of blowing past all previous benchmarks.

Operator satisfaction, dependable system performance, higher productivity and lower costs form the foundation of our corporate mission. We love what we do, and want you to love what we do for your operation.

NOTES:



FlexPackPRO®

Thermal Transfer Overprinting

CONTACTUS@FLEXPACKPRO.COM

877.210.1878