FlexPackPRO®
THERMAL TRANSFER OVERPRINTERS (TTO)

RUGGED.
RELIABLE.
VALUE.™

ProCode®
FlexPackPRO®
Thermal Transfer Overprinter
PROD: 25/12/2019
EXPD: 25/12/2022

FlexPackPRO®

FlexPackPRO®

420cXT

XT SERIES

2020
FULL PRODUCT LINE CATALOG

BETTER-BUILT PRINTERS AT A MORE REASONABLE PRICE.

FlexPackPRO®
Thermal Transfer Overprinting

HIGH-QUALITY TTO SYSTEMS BUILT BY THE 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.

• **Only Aircraft Grade Aluminum & Stainless Steel Parts** •
• **World-Class Festo® Pneumatics and Kyocera® Printheads** •
• **Rugged Color Touchscreen Controllers with 5000-file Memory** •
• **Advanced Ribbon Saver Features** •
• **Low-Pressure Printhead Design for Longer Printhead Life** •
• **Standard 18-Month Warranty** •

CONTENTS

130 SERIES

FEATURES

- 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:	130i	130i-hp	130c	130c-hp	130iXT / 130cXT
Printer Mode:	Intermittent	Intermittent	Continuous	Continuous	Intermittent / Continuous
Maximum Print Area:	32 x 50 mm	32 x 76 mm	32 x 125 mm	32 x 125 mm	32 mm x 76 mm / 125 mm
(Width x Length)	(1.3" x 2")	(1.3" x 3")	(1.3" x 5")	(1.3" x 5")	(1.3" x 3" / 5")
Print Resolution:	300 dpi	300 dpi	300 dpi	300 dpi	300 dpi
Max Print Speed:	400 mm/s (15.7 in/s)	500 mm/s (19.7 in/s)	550 mm/s (21.6 in/s)	1,000 mm/s (39.4 in/s)	500 mm/s / 800 mm/s (19.7 in/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")	0.5 mm (0.02")
Standard Ribbon Width:	35 mm (1.4")	35 mm (1.4")	35 mm (1.4")	35 mm (1.4")	35 mm (1.4")
Maximum Ribbon Length:	680 m (2,230')	680 m (2,230')	680 m (2,230')	680 m (2,230')	1,000 m (3,280')
Ribbon Saver Features:	Yes	Yes	Yes	Yes	Yes
Ribbon Loading:	Direct (Non-Cassette)	Integrated Cassette	Direct (Non-Cassette)	Integrated Cassette	Integrated Cassette
Standard User Interface:	4.3" Color Touchscreen	4.3" Color Touchscreen	4.3" Color Touchscreen	4.3" Color Touchscreen	7" Color Touchscreen
Software:	ProCode™ Professional	ProCode™ Professional	ProCode™ Professional	ProCode™ Professional	ProCode™ Professional
Barcodes:	All	All	All	All	All
Standard Communication:	USB, Ethernet, RS232	USB, Ethernet, RS232	USB, Ethernet, RS232	USB, Ethernet, RS232	USB, Ethernet, RS232
Printer Dimensions:	175 mm x 190 mm x 197 mm	180 mm x 220 mm x 222 mm	175 mm x 190 mm x 197 mm	180 mm x 220 mm x 222 mm	180 mm x 265 mm x 237 mm
(Height x Width x Depth)	(6.89" x 7.48" x 7.76")	(7.09" x 8.66" x 8.74")	(6.89" x 7.48" x 7.76")	(7.09" x 8.66" x 8.74")	(7.09" x 10.43" x 9.33")
Printer Weight:	5.6 kg (12.3 lbs)	9.4 kg (20.7 lbs)	5.1 kg (11.24 lbs)	8.9 kg (19.6 lbs)	9.4 kg / 8.9 kg (20.7 lbs / 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	100 - 240 VAC, 50 / 60 Hz
Air Supply:	1.5 - 2.5 bar / 44 psi (max)	1.5 - 2.5 bar / 44 psi (max)	1.5 - 2.5 bar / 44 psi (max)	1.5 - 2.5 bar / 44 psi (max)	1.5 - 2.5 bar / 44 psi (max)
Operating Temperature:	5° - 50° C (41° - 122° F)	5° - 50° C (41° - 122° F)	5° - 50° C (41° - 122° F)	5° - 50° C (41° - 122° F)	5° - 50° C (41° - 122° F)

210 SERIES

FEATURES

- 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:	210e	210i	210iL	210c	210iXT / 210cXT / 210cXTL
Printer Mode:	Intermittent	Intermittent	Intermittent	Continuous	Intermittent / Continuous
Maximum Print Area:	53 x 50 mm	53 x 76 mm	53 x 125 mm	53 x 125 mm	53 mm x 76 mm / 125 mm / 250 mm
(Width x Length)	(2.1" x 2")	(2.1" x 3")	(2.1" x 5")	(2.1" x 5")	(2.1" x 3" / 5" / 10")
Print Resolution:	300 dpi	300 dpi	300 dpi	300 dpi	300 dpi
Max Print Speed:	400 mm/s (15.7 in/s)	500 mm/s (19.7 in/s)	500 mm/s (19.7 in/s)	1,000 mm/s (39.4 in/s)	500 mm/s / 800 mm/s (19.7 in/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")	0.5 mm (0.02")
Standard Ribbon Width:	55mm (2.2")	55mm (2.2")	55mm (2.2")	55mm (2.2")	55 mm (2.2")
Maximum Ribbon Length:	680 m (2,230')	680 m (2,230')	680 m (2,230')	680 m (2,230')	1,000 m (3,280')
Ribbon Saver Features:	Yes	Yes	Yes	Yes	Yes
Ribbon Loading:	Direct (Non-Cassette)	Integrated Cassette	Integrated Cassette	Integrated Cassette	Integrated Cassette
Standard User Interface:	4.3" Color Touchscreen	7" Color Touchscreen	7" Color Touchscreen	7" Color Touchscreen	7" Color Touchscreen
Software:	ProCode™ Professional	ProCode™ Professional	ProCode™ Professional	ProCode™ Professional	ProCode™ Professional
Barcodes:	All	All	All	All	All
Standard Communication:	USB, Ethernet, RS232	USB, Ethernet, RS232	USB, Ethernet, RS232	USB, Ethernet, RS232	USB, Ethernet, RS232
Printer Dimensions:	175 mm x 190 mm x 210 mm	180 mm x 220 mm x 233 mm	180 mm x 248 mm x 265 mm	180 mm x 220 mm x 233 mm	180 mm x 248 mm x 265 mm
(Height x Width x Depth)	(6.89" x 7.48" x 8.27")	(7.09" x 8.66" x 9.17")	(7.09" x 9.76" x 10.43")	(7.09" x 8.66" x 9.17")	(7.09" x 9.76" x 10.43")
Printer Weight:	5.6 kg (12.3 lbs)	9.4 kg (20.7 lbs)	11 kg (24 lbs)	8.9 kg (19.6 lbs)	11 kg (24 lbs) / 10.5 kg (23 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	100 - 240 VAC, 50 / 60 Hz
Air Supply:	1.5 - 2.5 bar / 44 psi (max)	1.5 - 2.5 bar / 44 psi (max)	1.5 - 2.5 bar / 44 psi (max)	1.5 - 2.5 bar / 44 psi (max)	1.5 - 2.5 bar / 44 psi (max)
Operating Temperature:	5° - 50° C (41° - 122° F)	5° - 50° C (41° - 122° F)	5° - 50° C (41° - 122° F)	5° - 50° C (41° - 122° F)	5° - 50° C (41° - 122° F)

420 SERIES

107mm TTO Coders

FEATURES

- 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:	420i	420iL	420c	420iXT / 420cXT / 420cXTL
Printer Mode:	Intermittent	Intermittent	Continuous	Intermittent / Continuous / Continuous
Maximum Print Area:	107 x 76 mm	107 x 125 mm	107 x 125 mm	107 mm x 76 mm / 125 mm / 250 mm
(Width x Length)	(4.2" x 3")	(4.2" x 5")	(4.2" x 5")	(4.2" x 3" / 5" / 10")
Print Resolution:	300 dpi	300 dpi	300 dpi	300 dpi
Max Print Speed:	400 mm/s (15.8 in/s)	400 mm/s (15.8 in/s)	600 mm/s (23.6 in/s)	400 mm/s / 600 mm/s (15.8 in/s / 23.6 in/s)
Print Gap:	0.5mm (.02")	0.5mm (.02")	0.5mm (.02")	0.5 mm (.02")
Standard Ribbon Width:	110mm (4.3")	110mm (4.3")	110mm (4.3")	110 mm (4.3")
Maximum Ribbon Length:	680 m (2,230')	680 m (2,230')	680 m (2,230')	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
(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")
Printer Weight:	11.6 kg (25.5 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:	1.5 - 2.5 bar / 44 psi (max)	1.5 - 2.5 bar / 44 psi (max)	1.5 - 2.5 bar / 44 psi (max)	1.5 - 2.5 bar / 44 psi (max)
Operating Temperature:	5° - 50° C (41° - 122° F)	5° - 50° C (41° - 122° F)	5° - 50° C (41° - 122° F)	5° - 50° C (41° - 122° F)

500 SERIES

FEATURES

- 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	500c
Printer Mode:	Intermittent	Continuous
Maximum 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")
Maximum 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:	180 mm x 265 mm x 323 mm	180 mm x 265 mm x 323 mm
(Height x Width x Depth)	(7.09" x 10.43" x 12.71")	(7.09" x 10.43" 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:	1.5 - 2.5 bar / 44 psi (max)	1.5 - 2.5 bar / 44 psi (max)
Operating Temperature:	5° - 50° C (41° - 122° F)	5° - 50° C (41° - 122° F)

18 MONTHS

BEST-IN-CLASS
PROTECTION

WHEN YOU PURCHASE A FLEXPACKPRO® THERMAL TRANSFER OVERPRINTING SYSTEM, YOU'RE INSTALLING THE MOST RUGGED, RELIABLE TTO CODING EQUIPMENT AVAILABLE.

BACKED BY OUR INDUSTRY LEADING 18-MONTH STANDARD WARRANTY.

PLUS

Our full featured coding design software is included **FREE** with every printer purchase.
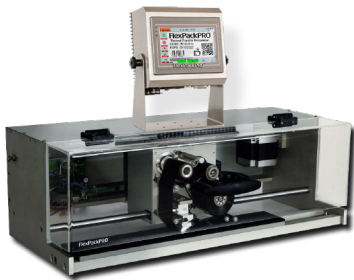
www.flexpackpro.com

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SPECIALTY SYSTEMS

TRAVERSING TTO

Available with a 32mm (1.3"), 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.
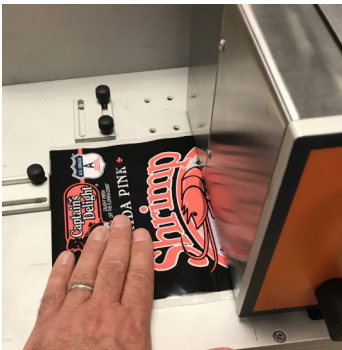
Perfect for therform, fill and seal machines requiring multiple images across the packaging film web, these units print up to 24" across in one sweep. Available with both standard and X-Y motion (multi-row) mounting systems.
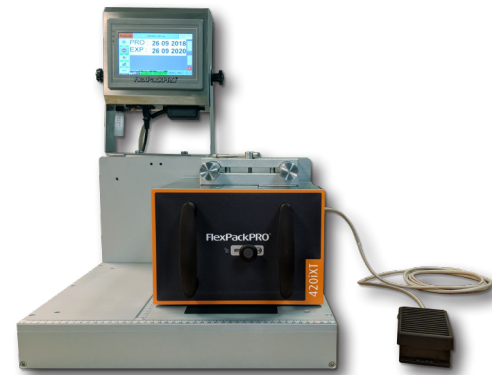
TABLETOP TTO

Get the benefits of high-resolution digital on-demand printing and coding in a compact, manual TableTop TTO system. Print variable date codes, barcodes, logos, text and graphics directly onto bags, pouches, cards, tags, chipboard boxes and more. Integrated foot pedal triggers print.

Available with various 130, 210, 420 and 500 Series TTO printer models, providing print areas of 1.3" x 2" / 1.3" x 2.75" / 2.1" x 2" / 2.1" x 3" / 4.2" x 3" / 4.2" x 5" / 4.2" x 5" / 5.1" x 5". Print samples provided upon request.

AUTOBAGGER TTO

Rather than dealing with the expensive and tedious task of labeling products after they've been bagged, you can now integrate continuous TTO printing and coding directly onto your autobaggers, saving significant time and money. It's also an excellent, cost-effective alternative to other autobagger printer modules.

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FCS-20

A rugged, cost-effective solution for printing date
codes, barcodes, nutrition facts, ingredients, logos
and other text and graphics on-demand. Feeds a variety of flat sheets, bags, sleeves, pouches,
cards and boxes, up to 11.8" x 11.8". Contains a friction feeder and short conveyor, printing up
to 30 pieces per minute in intermittent mode. Print areas of 1.3" x 2"
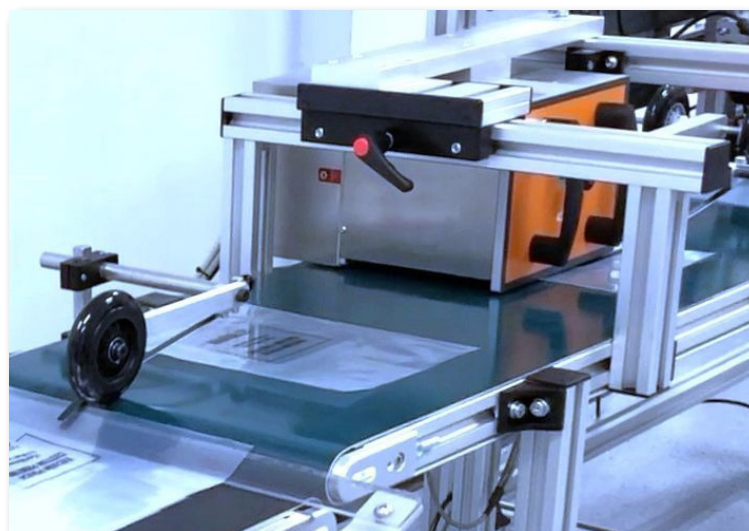up to 4.2" x 3", depending on printer model.

FCS-30

A leap forward in compact,
cost-effective, precision
feeding and printing. The
FCS-30 contains a table top
vacuum pick and place feed-
er connected to a modular TTO-mounted conveyor.
Extraordinary print quality and coding versatility with a
space-saving footprint.

FCS-50

The high-volume choice for automatic
feeding and printing of virtually any type
of bag or pouch, up to 15" x 15" in size
(larger bags can be accomodated on a
custom basis). Highly reliable vacuum pick
and place system on wide belt feeds and
prints up to 60 pieces per minute in con-
tinuous motion. Optional vertical feeder
handles up to 6 feet of stacked packages,
with up to 30 minutes of continuous run
time. Print areas from 1.3" x 5" up to 5.1" x
8", depending on printer model.
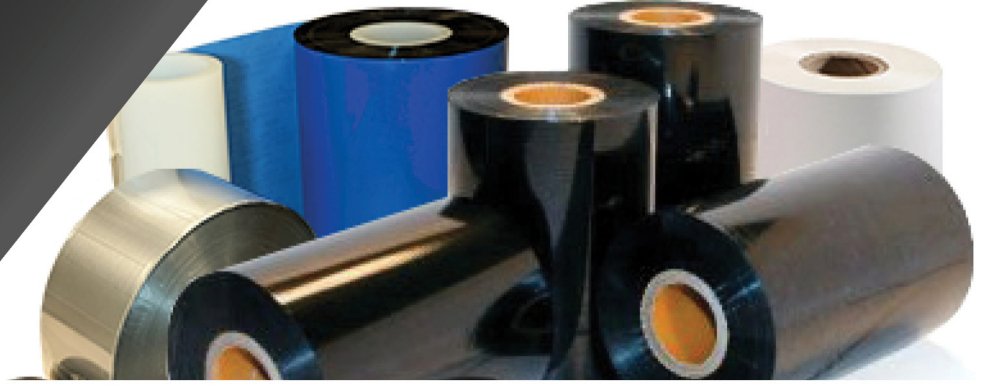
ProCode™
PROFESSIONAL

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.

Although ProCode™ is a proprietary FlexPackPRO® software program, multiple drivers and solutions are available to enable users to interface with their preferred coding and label design software.

FLEX™ TTR

A SUPERIOR LINE OF RIBBONS FOR TTO PRINTERS

FLEX PREMIUM DURABLE WAX-RESIN RIBBON

The clear winner in its class, this premium "General Purpose" TTO ribbon is your high quality, cost-effective choice for traditional flexible packaging applications. Crisp text, codes and graphics with very good smudge and scratch resistance.

FLEX ULTRA HIGH DURABILITY WAX-RESIN RIBBON

Remarkably versatile, FLEX™ ULTRA prints clear, dark images on most coated, uncoated and film substrates while providing added resistance to smudging, scratching and less friendly environments. Extra protection at a reasonable cost.
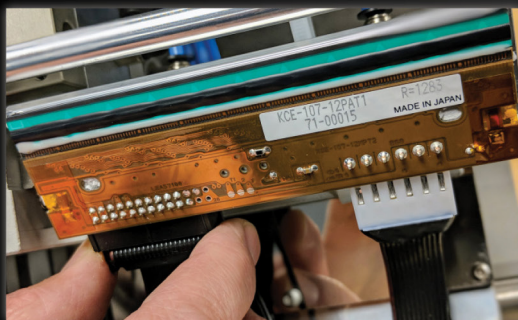
FLEX SUPREME EXTREME DURABILITY RESIN RIBBON

When durability is critical, and exposure to heavy contact, certain solvents or harsh environments is of great concern, FLEX™ SUPREME is the answer. Print nearly indelible images on packaging film, pharma grade pouches and assorted label materials.

Our Xtend™ anti-static back-coating maximizes the life of your printhead.

FLEX™ THERMAL PRINTHEADS - A PERFECT MATCH

Genuine OEM quality printheads for all major brands of TTO, at a significant discount.

FLEX™ RIBBONS & PRINTHEADS

Available for All Brands of Thermal Transfer Overprinters

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BUILT
TO LAST.

18 MONTH WARRANTY

FlexPackPRO® brand Thermal Transfer Overprinters are so rugged and reliable, we back every sale with an unbeatable 18-Month Warranty. Our engineers insist on using only the highest-grade materials and components, and our vertical manufacturing protocol ensures the tightest compliance to specifications. The end result?
LESS DOWNTIME.

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.

FlexPackPRO®
Thermal Transfer Overprinting

For Printer Specifications, Case Studies, Videos & More, Go To:

www.FlexPackPRO.com

T: 800-758-9219
E: gopro@flexpackpro.com

210iXT