

LONGFORD INTERNATIONAL

PERFORMANCE - DURABILITY

FEEDERS



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Founded 1969

17,000 Machines in 77 Countries

Over 125 Different Designs of Specialty Feeders

Most Clients Achieve a Return on Investment (ROI) Within 36 Months (Based on capital invested)

Turnkey Fulfillment Systems Integrated Into Any Brand Of Shrink/Flow/Overwrapper or Encapsulation Device

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Model: C350/C700 Friction Feeder

Applications: These high speed feeders are specifically designed with the flexibility to fit all packaging and print finishing systems, from a single feeder on a cartoning line to complete turnkey collation systems. The C350/C700 series of feeders can be configured in either a single or batch feed mode, easily integrate with OEM equipment such as vision systems and printers and come in over 100 exit lengths and styles.

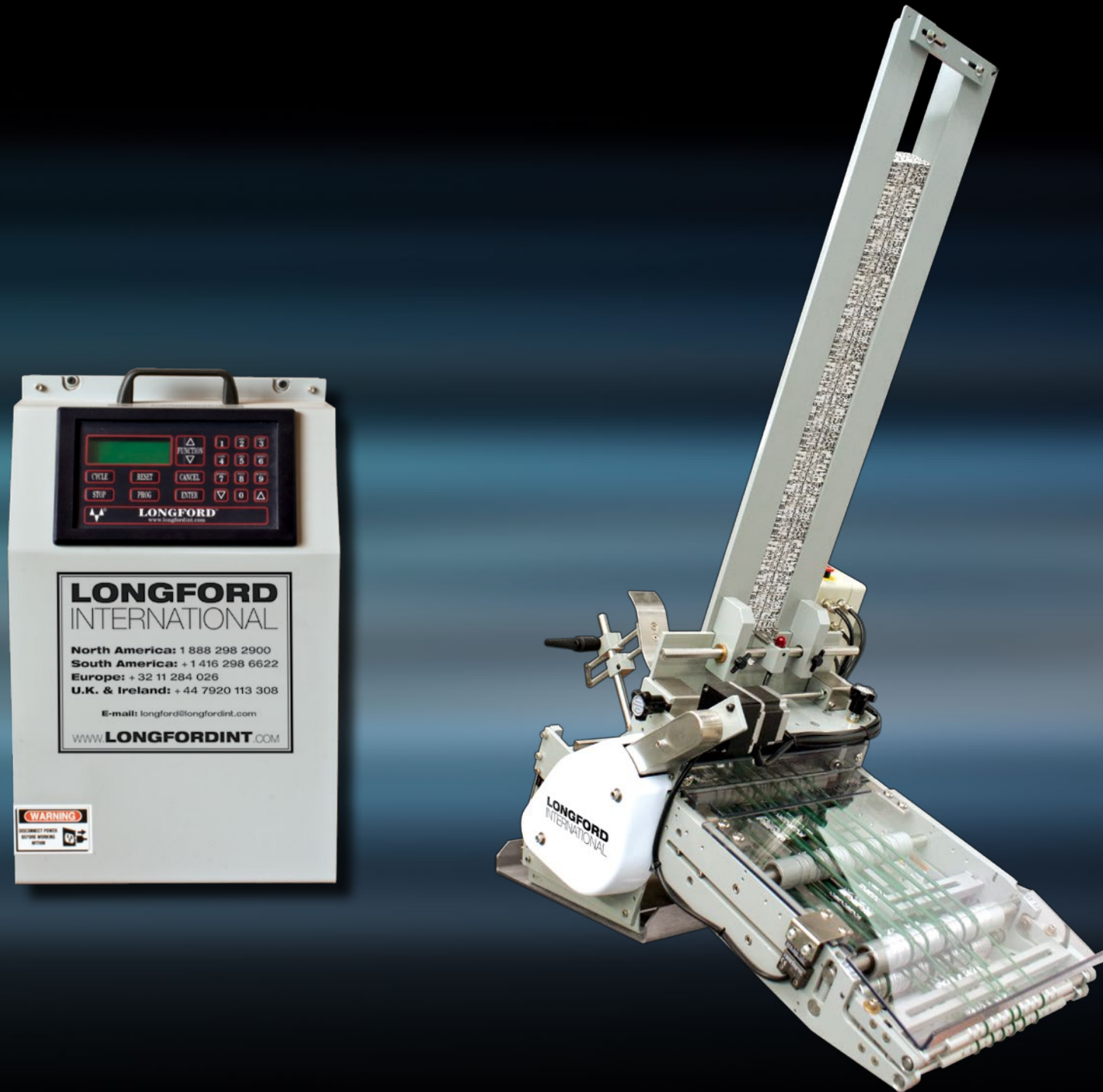
Also available in stainless steel washdown configuration.

Specifications:

Minimum Product Length	1 ½"	38 mm	1 ½"	38 mm
Maximum Product Length	9"	228 mm	17"	430 mm
Minimum Product Width	1 ½"	38 mm	1 ½"	38 mm
Maximum Product Width	7"	177 mm	17"	430 mm
Minimum Product Thickness	0.004"	.10 mm	0.004"	.10 mm
Maximum Product Thickness	0.250"	6 mm	0.250"	6 mm

Speed: Up to 450 pieces per minute

See application pages A, B, C and for common integrations.



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Model: B855 High Speed Batch Counter

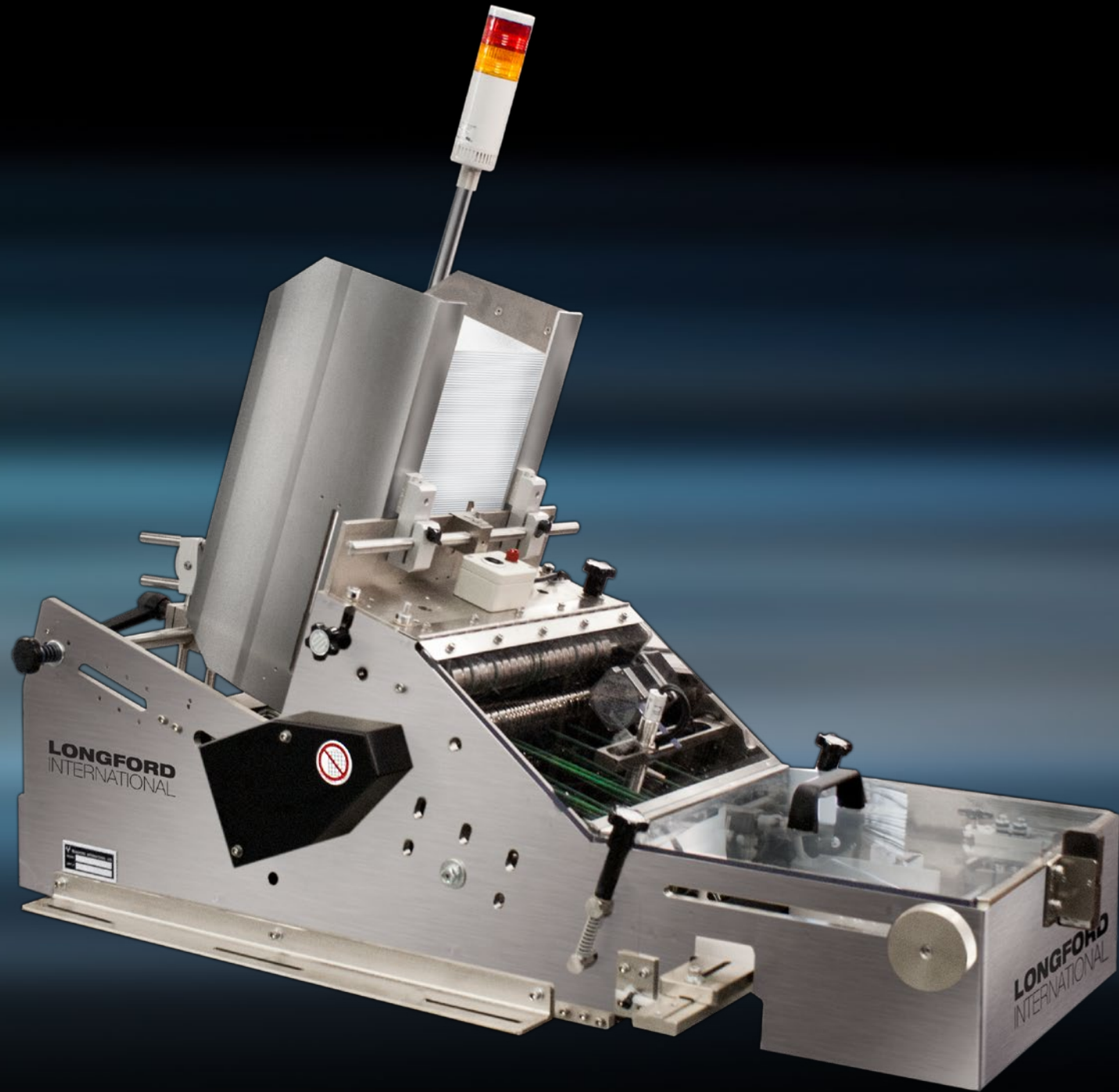
Applications: These high speed batch counters are specifically designed to handle a wide variety of product such as stationery, currency, greeting cards etc., with the flexibility to fit all packaging and print finishing systems, from a single feeder on a line to complete turnkey collation systems. The B855 comes in a variety of widths and lengths and comes standard with integrated table jiggers to ensure the neatest collated sets possible.

Specifications:

Minimum Product Length	2 ½"	63 mm
Maximum Product Length	12"	304 mm
Minimum Product Width	2 ½"	63 mm
Maximum Product Width	16"	406 mm

Speed: Up to 1000 pieces per minute depending on product size

See application pages A, B, and C for common integrations.



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Model: B750 Wide Product Feeder

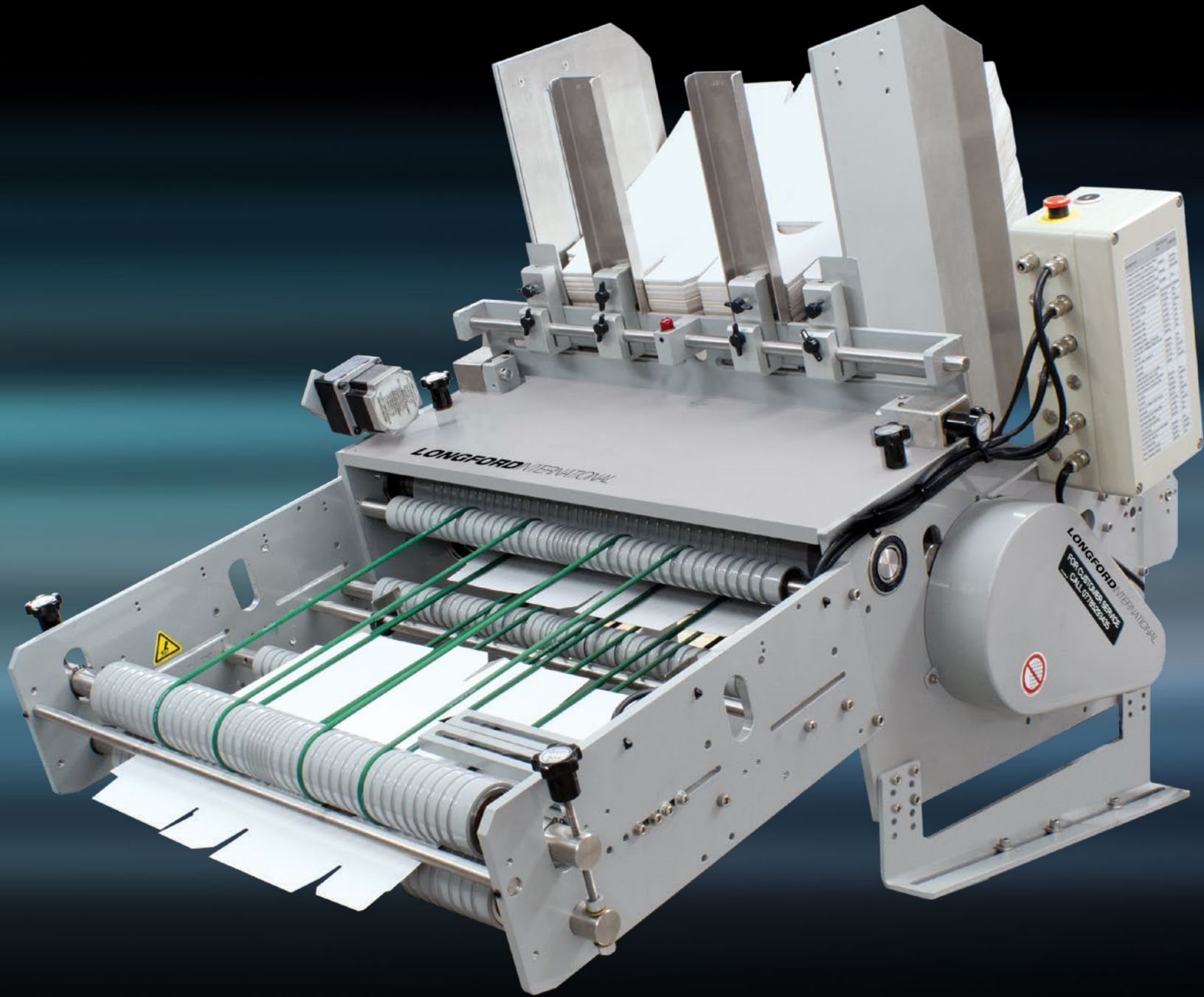
Applications: These high speed, wide product feeders are specifically designed for large, heavy, difficult to handle product and come with the flexibility to fit all packaging and print finishing systems, from a single feeder on a cartoning line to complete turnkey collation systems. The B750 comes in a variety of product widths up to 36" and easily integrates with any OEM equipment such as printers, labellers etc.

Specifications:

Minimum Product Length	3"	75 mm
Maximum Product Length	40"	1000 mm
Minimum Product Width	4"	100 mm
Maximum Product Width	36"	900 mm

Speed: Up to 450 pieces per minute

See application pages A, B, and C for common integrations.



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Model: B350/B700 Pharmaceutical Insert Feeder

Applications: These custom pharmaceutical feeders are specifically designed for use within the pharmaceutical packaging industry. The feeder integrates with any bar code or vision system and with the inline reject, product lock box and count totalizers, the feeders provide 100% validation of pharmaceutical leaflets, transdermal patches etc. The B350/B700 comes in a variety of widths and has the flexibility to fit all packaging or cartoning systems.

Specifications:

Minimum Product Length	1 ¼"	32 mm
Maximum Product Length	9"	230 mm
Minimum Product Width	1 ¼"	32 mm
Maximum Product Width	14"	355 mm

Speed: Up to 300 pieces per minute

See application pages A, B, and C for common integrations.



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Model: C350 Batch Surge Trading Card Feeder

Applications: These custom feeders are specifically designed for use within the sports, game and trading card industry and can feed cards individual or in batches. These feeders easily integrate with any style flow wrapper and when used with Longford's industry leading **Industrial Line Controller** can create any package randomization required with complete closed loop audit trails.

Specifications:

Minimum Product Length	2 ½"	63 mm
Maximum Product Length	4"	100 mm
Minimum Product Width	1 ½"	38 mm
Maximum Product Width	3"	75 mm

Speed: Up to 300 pieces per minute

See application pages A, B, and C for common integrations.



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Model: GF700 High Speed Grouping Feeder

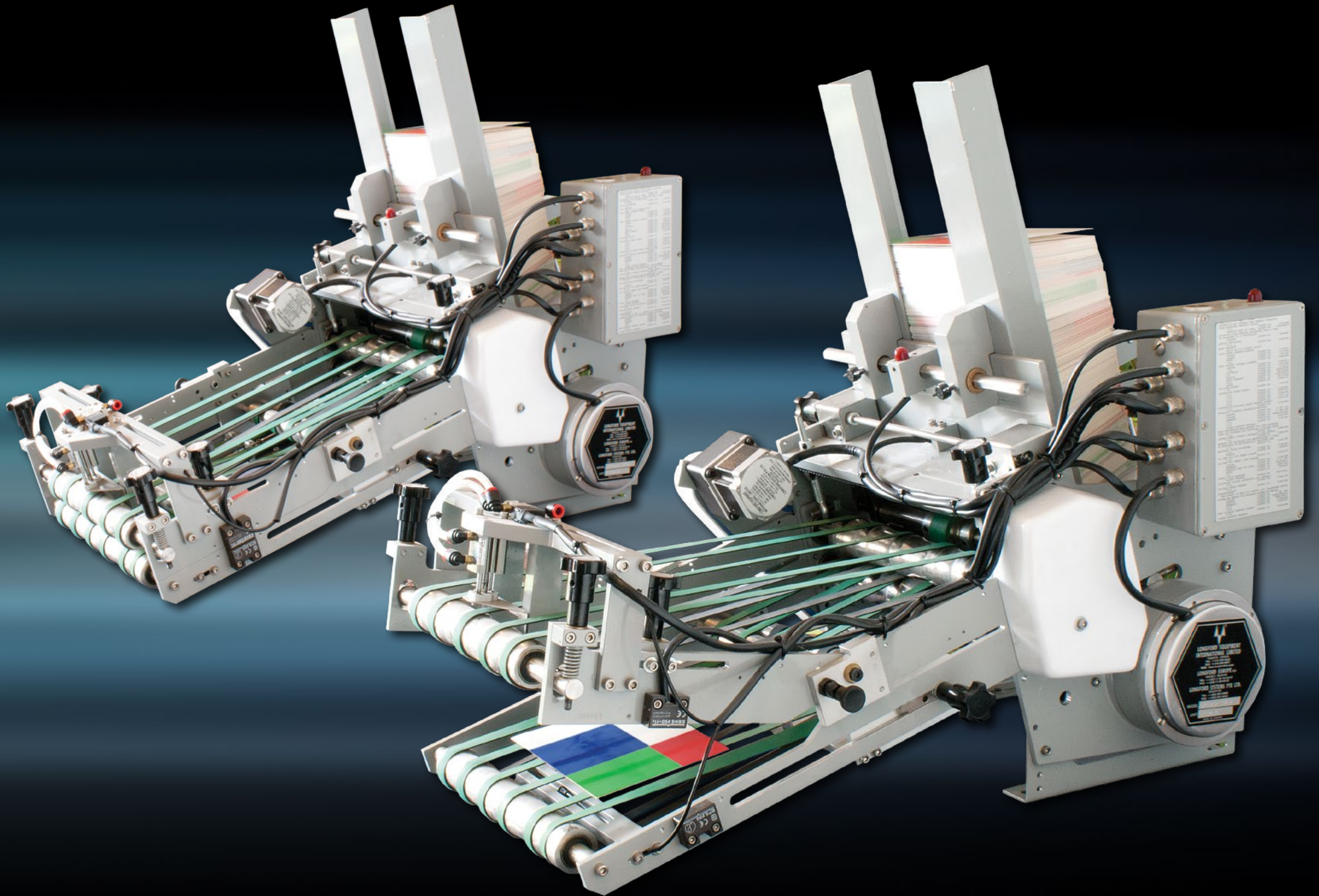
Applications: These high speed batch counters are specifically designed to handle a wide variety of product with the flexibility to fit all Packaging and Print Finishing Systems, from a single feeder on a line to complete turnkey collation systems. The GF700 batches the product in the exit of the feeder, eliminating the need for a drop table.

Specifications:

Minimum Product Length	3"	76 mm
Maximum Product Length	12"	305 mm
Minimum Product Width	3"	76 mm
Maximum Product Width	12"	305 mm

Speed: Up to 450 pieces per minute

See application pages A, B, and C for common integrations.



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Magnets

Sports or Game Cards

Pouches

Model: BF375 Bandolier Feeder

Applications: The BF375 is ideal for feeding over wrapped coupons or sachets from a continuous web, cutting and dispensing into any style vertical bagger, cartoner or horizontal wrapping system.

Also available in stainless steel washdown configuration.

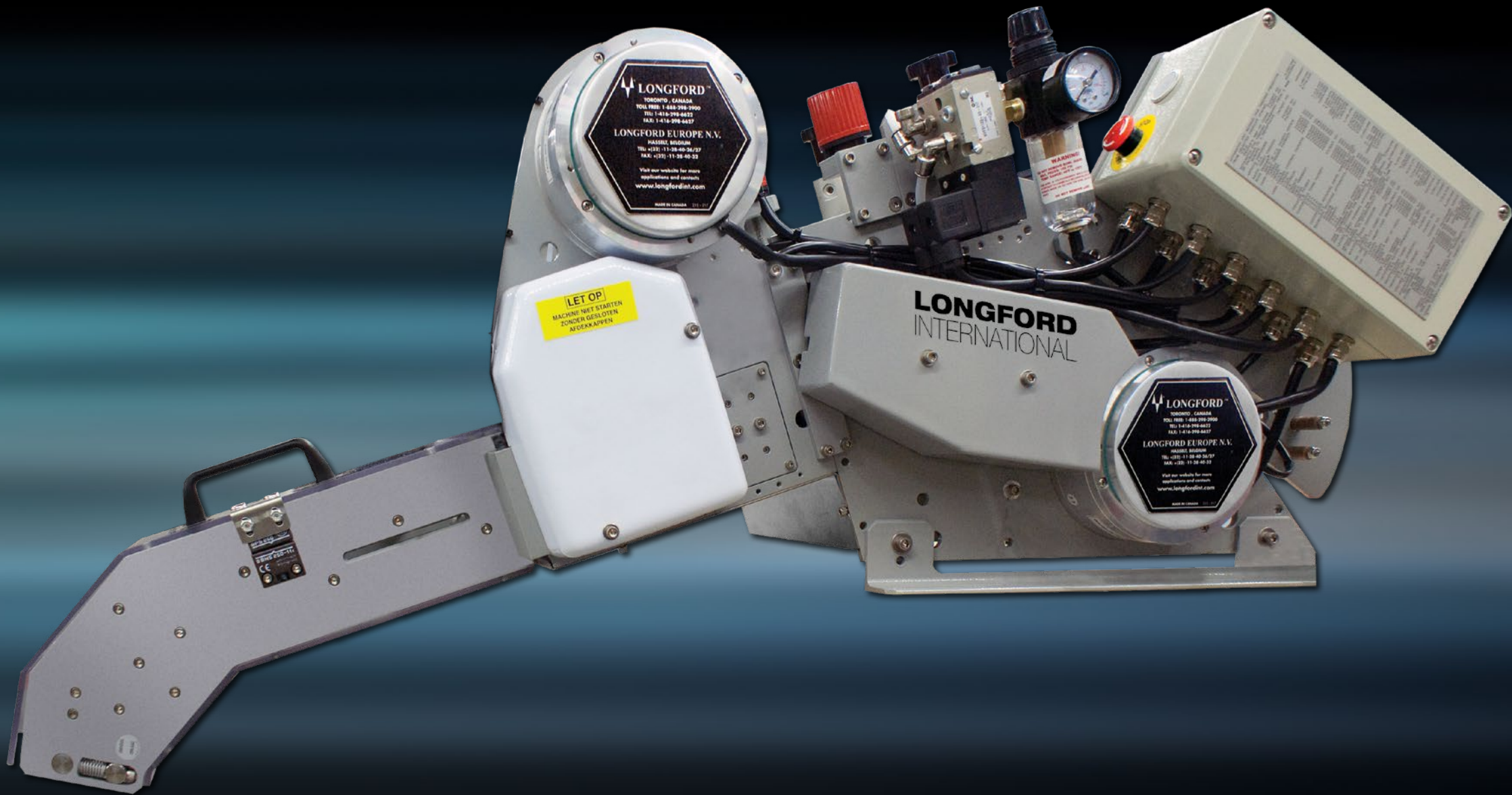
Specifications:

Minimum Product Length	2 ¼"	57 mm
Maximum Product Length	9"	228 mm
Minimum Product Width	1"	25 mm
Maximum Product Width	5"	127 mm
Minimum Seal Area	5/8"	16 mm

Speed: Up to 150 pieces per minute

See application pages A, B, and C for common integrations.





LONGFORD
TORONTO, CANADA
TOLL FREE: 1-888-298-2998
TEL: 1-416-298-6622
FAX: 1-416-298-6627
LONGFORD EUROPE N.V.
HASSELT, BELGIUM
TEL: +32(0) 11-28-40-36/37
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FAX: 1-416-298-6627
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HASSELT, BELGIUM
TEL: +32(0) 11-28-40-36/37
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Desiccants/Oxygen Absorbers

Liquid Filled

Dry Filled

Model: SF375 Sachet Feeder

Applications: These high speed desiccant/sachet pouch feeders are specifically designed with the flexibility to fit all types of packaging systems such as cartoners, VFFS and HFFS. The SF375 can feed liquid, granular or powder pouches such as desiccants, sauces, shampoo, powdered cheese etc or flat coupons and premiums.

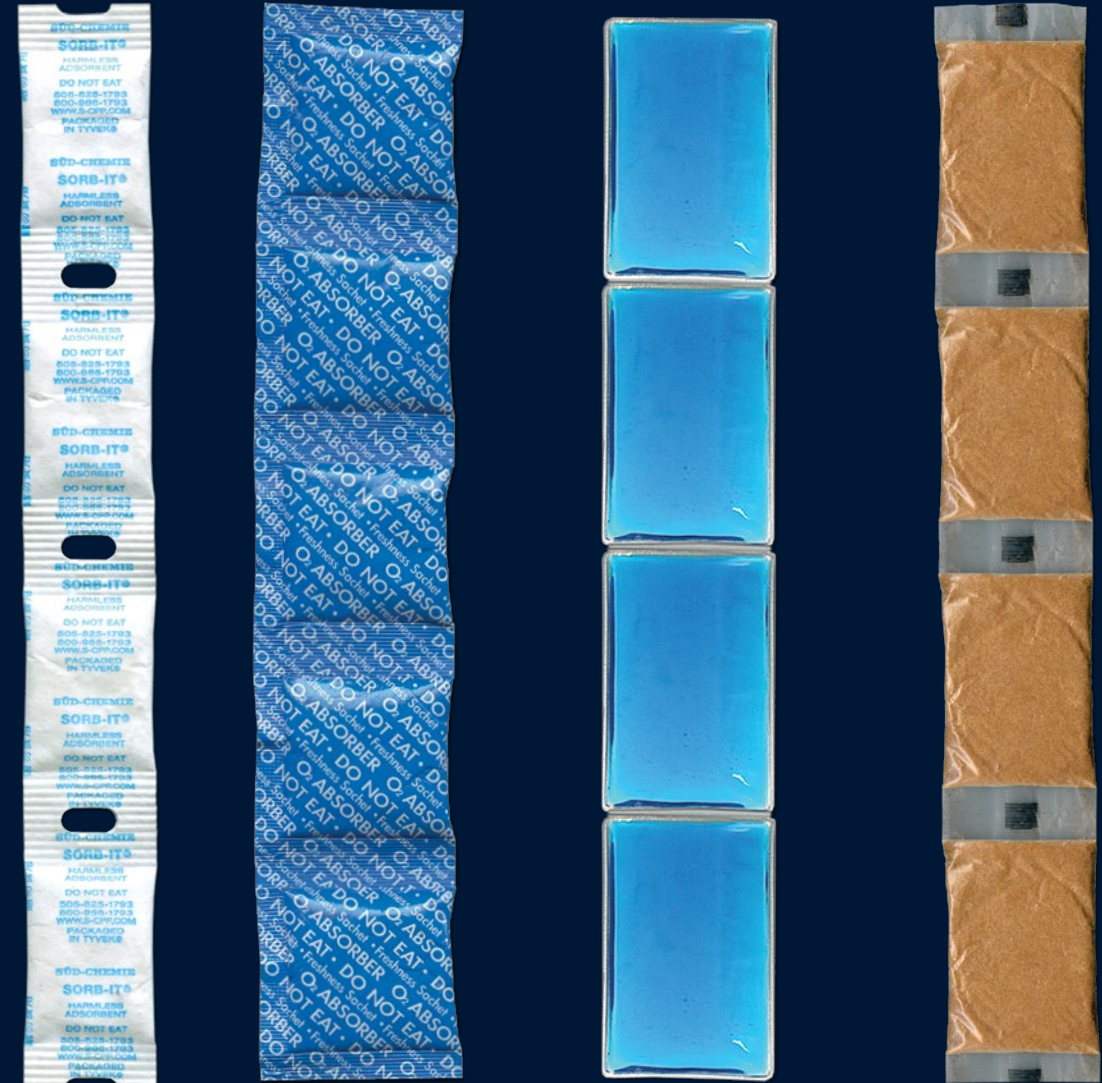
Also available in stainless steel washdown configuration.

Specifications:

Minimum Product Length	1 ¼"	31 mm
Maximum Product Length	5"	127 mm
Minimum Product Width	7/8"	23 mm
Maximum Product Width	4"	100 mm
Minimum Seal Length	5/8"	16 mm

Speed: Up to 250 pieces per minute

See application pages A, B, and C for common integrations.





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Model: 3D901 Three Dimensional Feeder

Applications: The 3D901 feeder is specifically designed to handle three dimensional products overwrapped in a continuous web (bandolier) format for insertion cartons, bags on automated packaging lines. Products range from small toys or promotional items to pharmaceutical scoops, eye droppers etc.

Also available in stainless steel washdown configuration.

Specifications:

Minimum Product Length	3 ½"	88 mm
Maximum Product Length	9"	228 mm
Minimum Product Width	1"	25 mm
Maximum Product Width	4"	100 mm
Maximum product Thickness	1 ½"	38 mm
Minimum Seal Area	1 ¼"	31.75 mm

Speed: Up to 125 pieces per minute

See application pages A, B, and C for common integrations.



3D Toys

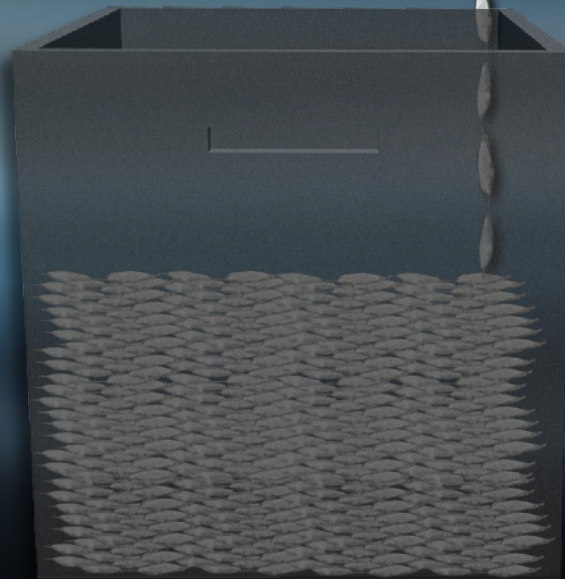
3D Bottle Topper



Syringes



Scoops



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Spice Packages



Dry Cereal Pouches



Powdered or Liquid Sauce Packages



Model: PF700 High Speed Pouch Feeder

Applications: The PF375 was developed to feed spice packs, seasoning packs, sauce packs etc., from a continuous bandolier format and insert into the buckets of cartoning lines or into the forming tube of a VFFS. The PF375 comes with a heavy duty powered unwind to draw the product out of the storage gantry, allow for perfect product tension through the system and comes standard with splice detection and end of web detection.

Also available in stainless steel washdown configuration.

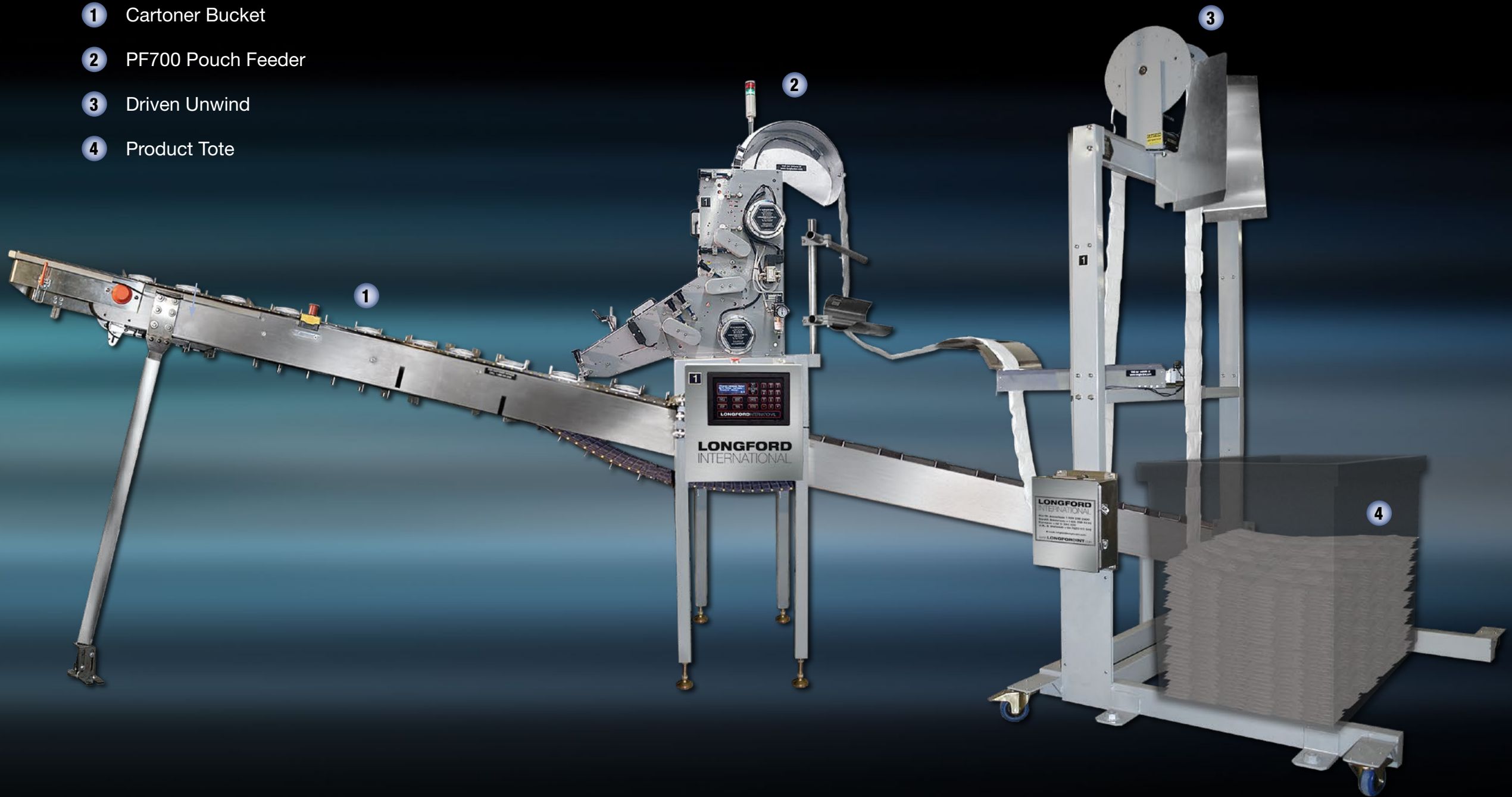
Specifications:

Minimum Product Length	3"	76 mm
Maximum Product Length	6"	152 mm
Minimum Product Width	3"	76 mm
Maximum Product Width	7"	178 mm

Speed: Up to 120 pieces per minute

See application pages A, B, and C for common integrations.

- 1 Cartoner Bucket
- 2 PF700 Pouch Feeder
- 3 Driven Unwind
- 4 Product Tote



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Model: RF375 Roll Feeder

Applications: These high speed feeders are specifically designed to feed coupons, backer cards etc., from a roll format and cut them to the proper size and feed them into the packaging stream. The coupons can be fed flat or folded (half fold, "Z" fold, and "W" fold) and the feeder can create a "U" board from the backer stock. The RF375 has unmatched labour savings and can operate up to 8 hours without loading another roll.

Also available in stainless steel washdown configuration.

Specifications:

Minimum Product Length	2 ¼"	57 mm
Maximum Product Length	9"	228 mm
Minimum Product Width	2"	51 mm
Maximum Product Width	6"	152 mm
Maximum Roll Diameter	18"	457 mm
Core Diameter	3"	76 mm

Speed: Up to 150 pieces per minute

See application pages A, B, and C for common integrations.

Fold Patterns



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Model: RP700 High Speed Rotary Placer

Applications: These high speed servo driven 4 head rotary placers are specifically designed with the flexibility to fit all packaging and print finishing systems and are designed for difficult to handle product such as bare CD's, individual pouches etc.

Specifications:

Minimum Product Length	1 ½"	38 mm
Maximum Product Length	6"	152 mm
Minimum Product Width	1	25 mm
Maximum Product Width	6"	152 mm

Speed: Up to 150 pieces per minute

See application pages A, B, and C for common integrations.



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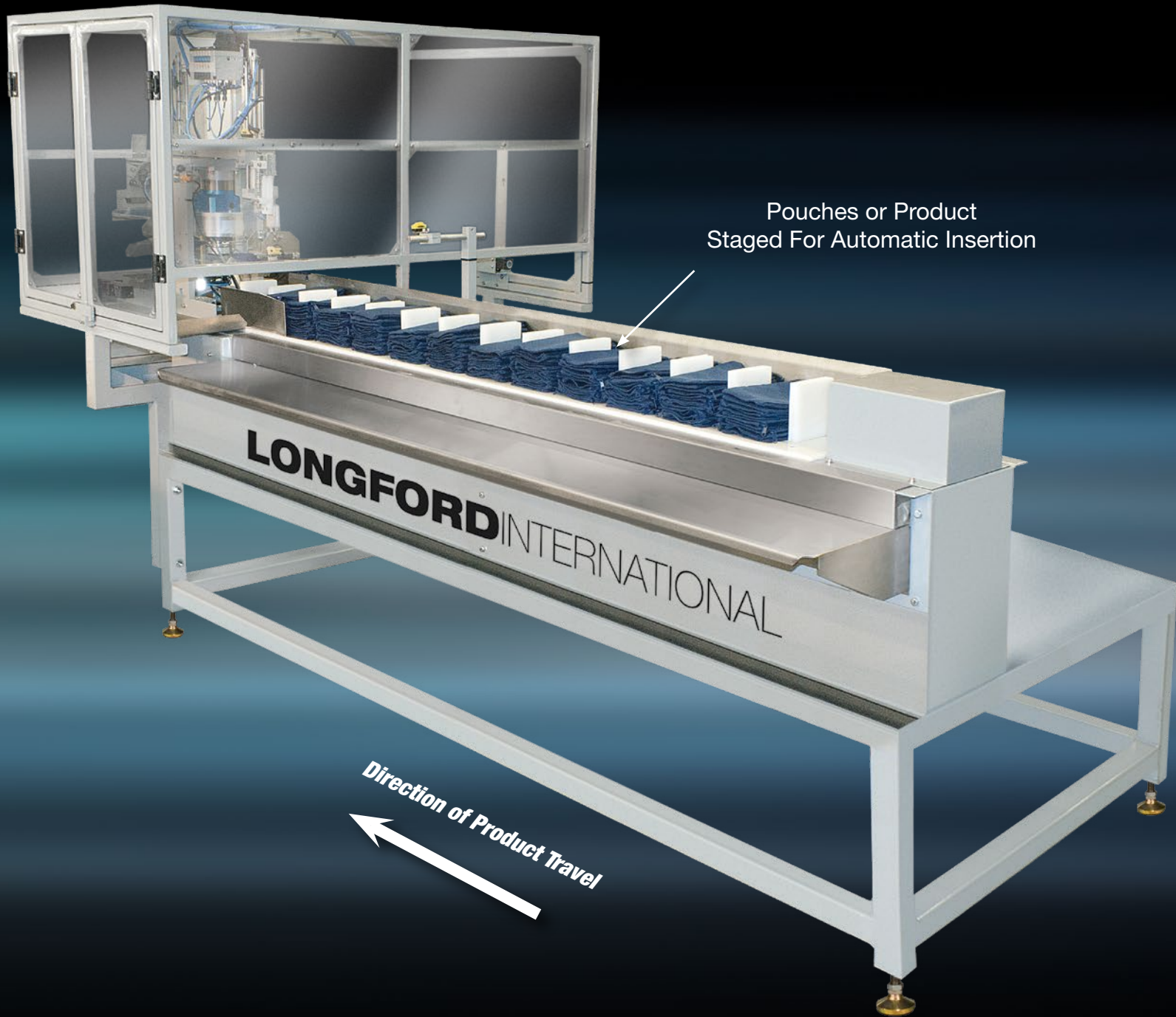
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Model: HRP700 Dual Head Horizontal Rotary Pick and Place

Applications: These custom feeders are specifically designed with the flexibility to fit all packaging and print finishing systems, and can handle product not normally suited for automation such as individual spice packages, liquid pouches, fabric pouches, cloth swatches etc. The system can have up to 4 picking heads and incorporates a drop table for accurate alignment on packages into conveyors, cartoners, flowrappers or transport systems.

Speed: Up to 100 pieces per minute

See application pages A, B, and C for common integrations.



Pouches or Product
Staged For Automatic Insertion

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Direction of Product Travel



Close Up of
Rotary Servo Feeders

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Model: OS700X Triple Motor Surge Feeder

Applications: The OS700X Triple Motor Surge Feeder is the world's best system for the creation of extended content booklet labels. The OS700X easily integrates with any web press or can be integrated as part of an offline system and comes in a variety of widths. The OS700X easily integrates with OEM verification equipment such as bar code readers or vision systems.

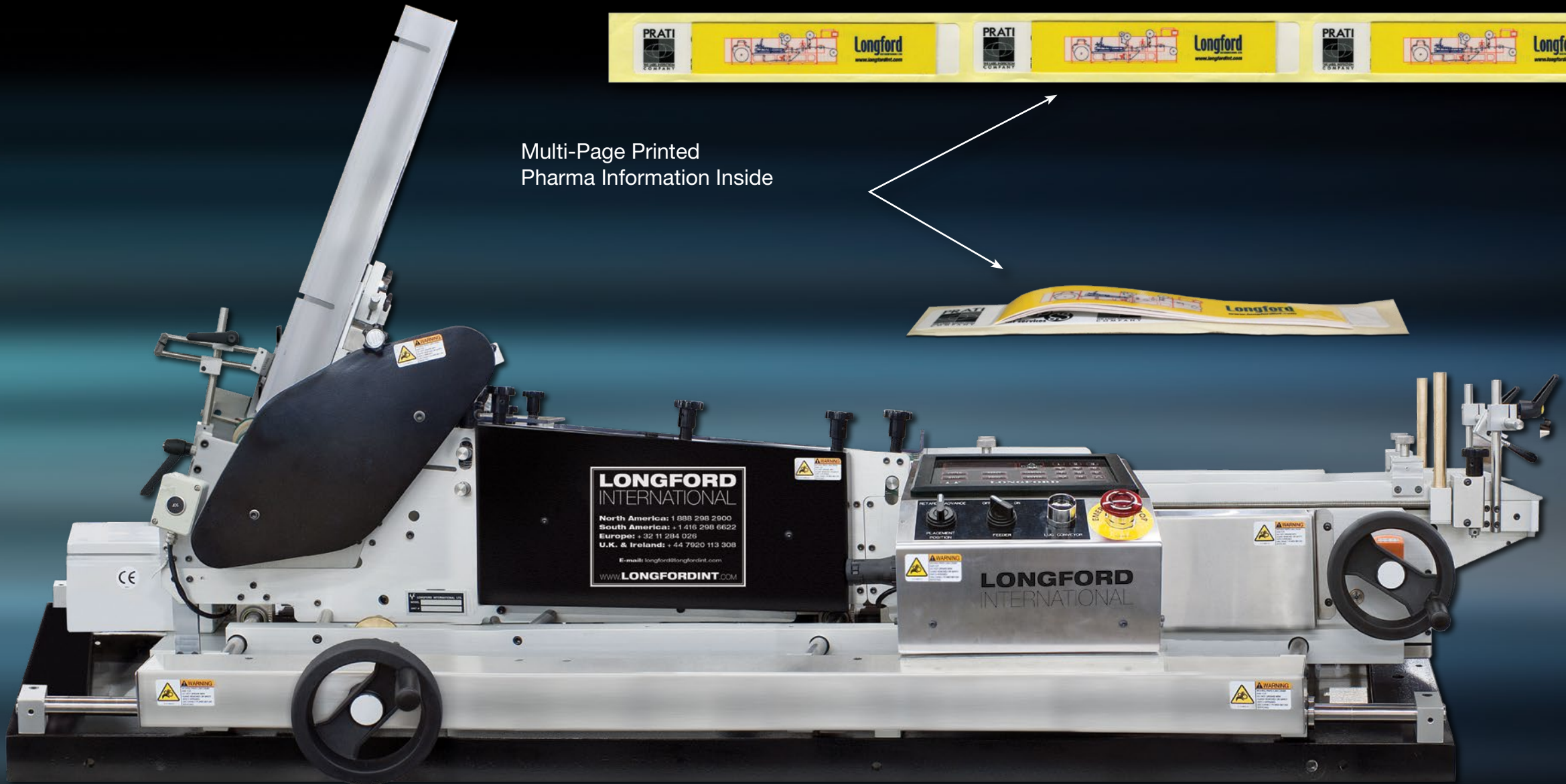
Specifications:

Minimum Product Length	7/8"	22 mm
Maximum Product Length	11"	280 mm
Minimum Product Width	2"	51 mm
Maximum Product Width	16 1/2"	420 mm
Maximum Thickness	1/4"	6 mm
Placement Tolerance	+/-0.020"	+/- .5 mm

Speed: Up to 35,000 pieces per hour

See application page E and F for common integrations.





Multi-Page Printed
Pharma Information Inside

**LONGFORD
INTERNATIONAL**
North America: 1 888 298 2900
South America: + 1 416 298 6622
Europe: + 32 11 284 028
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WWW.LONGFORDINT.COM

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Direction of Product Travel



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Model: OS700X Hybrid with Side Feeder

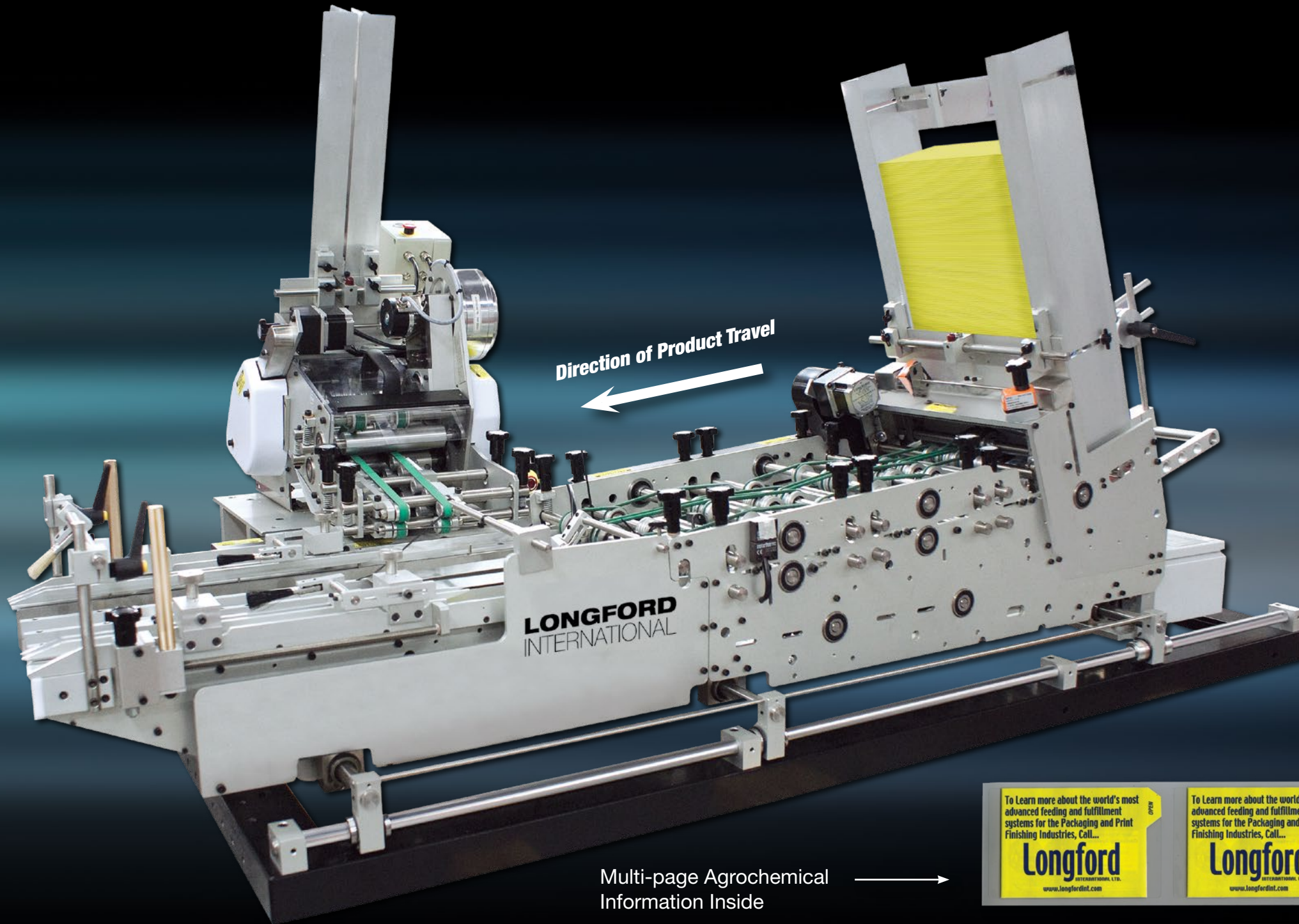
Applications: The Longford OS700X Hybrid is the next generation of systems for the creation of extended content labels. The OS700X Hybrid with side feeder allows for the collation of 2 booklets prior to transferring to the web and can be run in standard OS700X only mode, collation mode or side feeder only mode. It easily integrates with any web press or can be integrated as part of an offline system and comes in a variety of widths. The OS700X Hybrid easily integrates with OEM verification equipment such as bar code readers or vision systems.

Specifications:	OS700X		Side Feeder	
Minimum Product Length	7/8"	22 mm	1/2"	13 mm
Maximum Product Length	11"	280 mm	2"	51 mm
Minimum Product Width	2"	51 mm	3"	76 mm
Maximum Product Width	15"	380 mm	7"	178 mm
Maximum Thickness	1/4"	6 mm	1/4"	6 mm
Placement Tolerance	+/-0.020"	+/- .5 mm		

Speed: Up to 35,000 pieces per hour Up to 6,000 pieces per hour

See application page E and F for common integrations.





Direction of Product Travel

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Multi-page Agrochemical
Information Inside

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Model: HS700 High Speed Triple Motor Surge Feeder

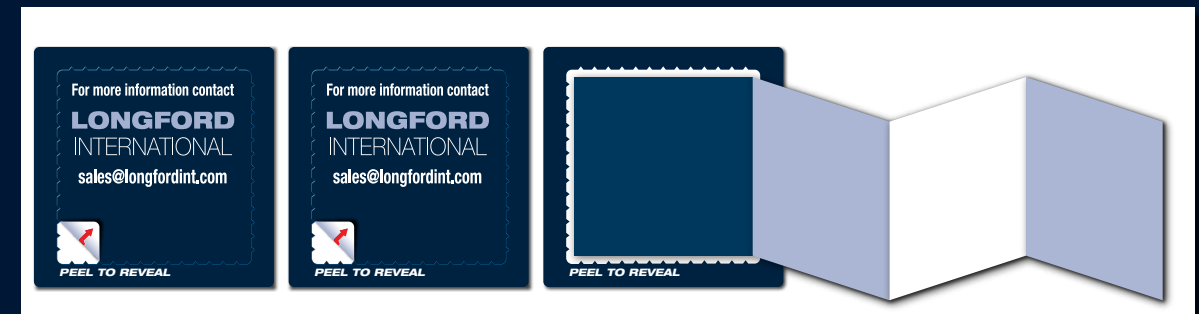
Applications: The Longford HS700 is the world's fastest system for the creation of extended content booklet labels or the placement of product onto any type of moving web. The HS700 easily integrates with any web press or can be integrated as part of an offline system. The HS700 can integrate with OEM verification equipment such as bar code readers or vision systems.

Specifications:

Minimum Product Length	1 1/2"	22 mm
Maximum Product Length	11"	280 mm
Minimum Product Width	3"	51 mm
Maximum Product Width	12"	380 mm
Maximum Thickness	3/16"	6 mm
Placement Tolerance	+/- 1/16"	+/-1.5 mm

Speed: Up to 60,000 pieces per hour Up to 1000 linear feet per minute

See application page E and F for common integrations.





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Direction of Product Travel



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Model: VC200 Vacuum Pile Feeder

Applications: The Longford VC200 is a bottom load top feed system specifically designed for large difficult to handle product such as such as posters, parchment paper, lottery ticket sheets etc., without marring or damaging the product. The feeders can be used individually or as part of a larger fulfillment system.

Specifications:

Minimum Product Length	5"	127 mm
Maximum Product Length	40"	1016 mm
Minimum Product Width	5"	127 mm
Maximum Product Width	36"	914 mm
Maximum Thickness	1/8"	3 mm

Speed: Up to 100 pieces per minute depending on product size

See application pages A, B, and C for common integrations.

Direction of Product Travel



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INTERNATIONAL**
North America: 1 888 298 2900
South America: + 1 416 298 6622
Europe: + 32 11 284 026
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E-mail: longford@longfordint.com
WWW.LONGFORDINT.COM

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Model: C350/700 Series High Speed Tipping Feeder

Applications: These high speed feeders are specifically designed to integrate with any folder gluer or tipping system. The HS series of feeders can be configured with a Longford AL350 product autoloader and easily integrates with OEM equipment such as vision systems, bar code readers and any style glue system. The HS series has a placement tolerance of +/- 1/16" at speeds of up to 33,000 pieces per hour.

Specifications:

	C350 Feeder		C700 Feeder	
Minimum Product Length	2"	50 mm	2"	50 mm
Maximum Product Length	9"	228 mm	17"	430 mm
Minimum Product Width	1 ½"	38 mm	1 ½"	38 mm
Maximum Product Width	6"	152 mm	16"	406 mm
Minimum Product Thickness	0.004"	.10 mm	0.004"	10 mm
Maximum Product Thickness	0.250"	6 mm	0.250"	6 mm

Speed: Up to 550 pieces per minute

See application pages A, B, C and D for common integrations.



1 **GLUE SYSTEM** (Either hot or cold glue)
Affixes leaflet/premium to the carton

2 **ENCODERS** mounted on both the folder gluer and the feeder
allow the feeder to precisely follow the speed of the folder gluer even with fluctuating speeds and carton repeat.

3 **AUTOMATIC PRELOADER**
(Interfaced with the High Speed Tipping Feeder)
Extends reload time up to 30 minutes

4 **LEAFLET OR PROMO ITEM**
(Tipped onto carton blank)
Adds value to client's price per piece, enhances revenue/margin. Allows clients cartoner to run better.

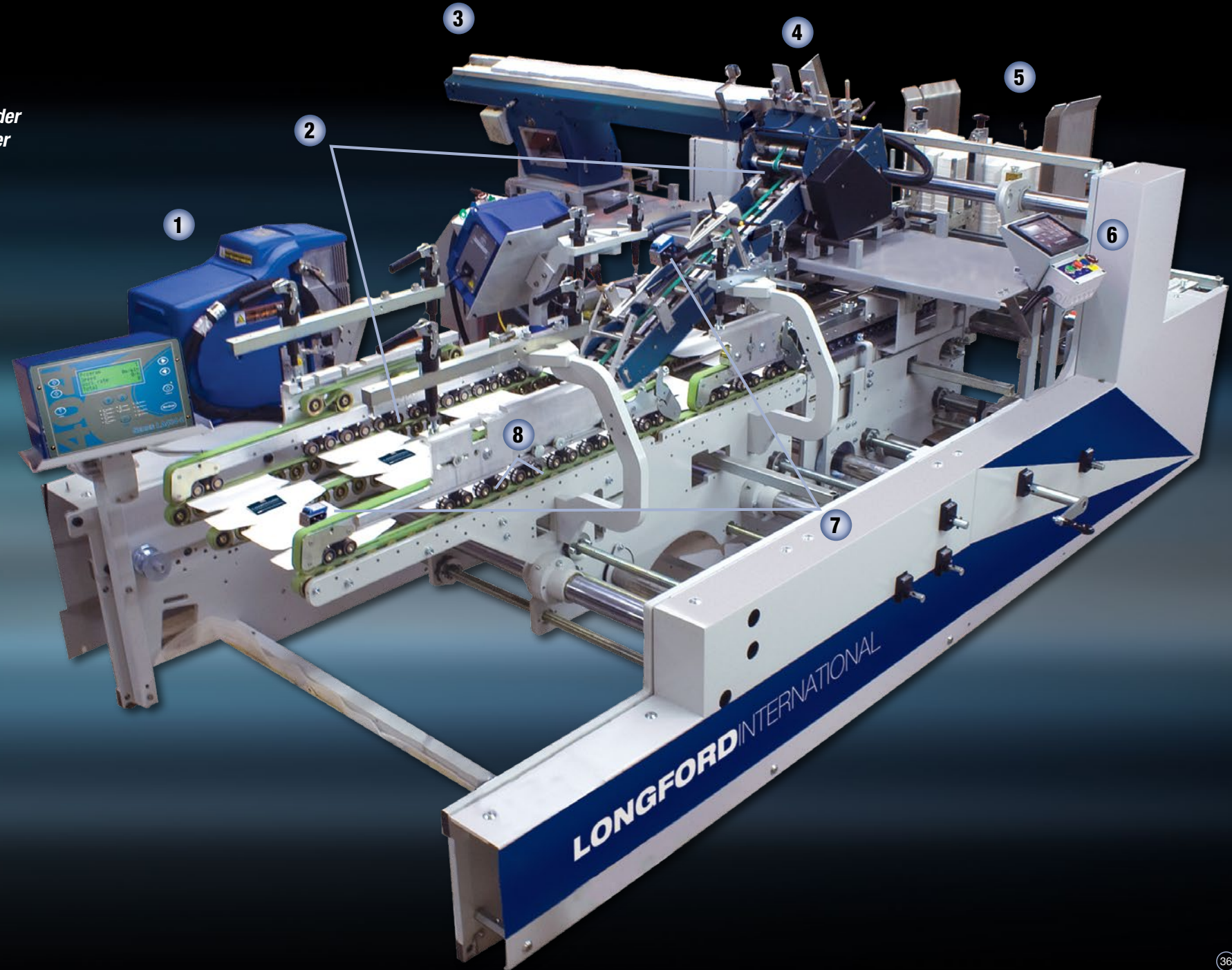
4 **HIGH SPEED TIPPING FEEDER**

5 **CARTON BLANKS** (In Hopper)

6 **REMOTE KEYPAD**

7 **OPTIONAL BAR CODE READERS**
for both leaflets and cartons,
ensure 100% validation of product.
(Correct Leaflet with Correct Carton)

8 **OPTIONAL DRIVEN NIP ROLLERS**
Assist in placement accuracy.



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Model: K350 Double Bank High Speed Feeder

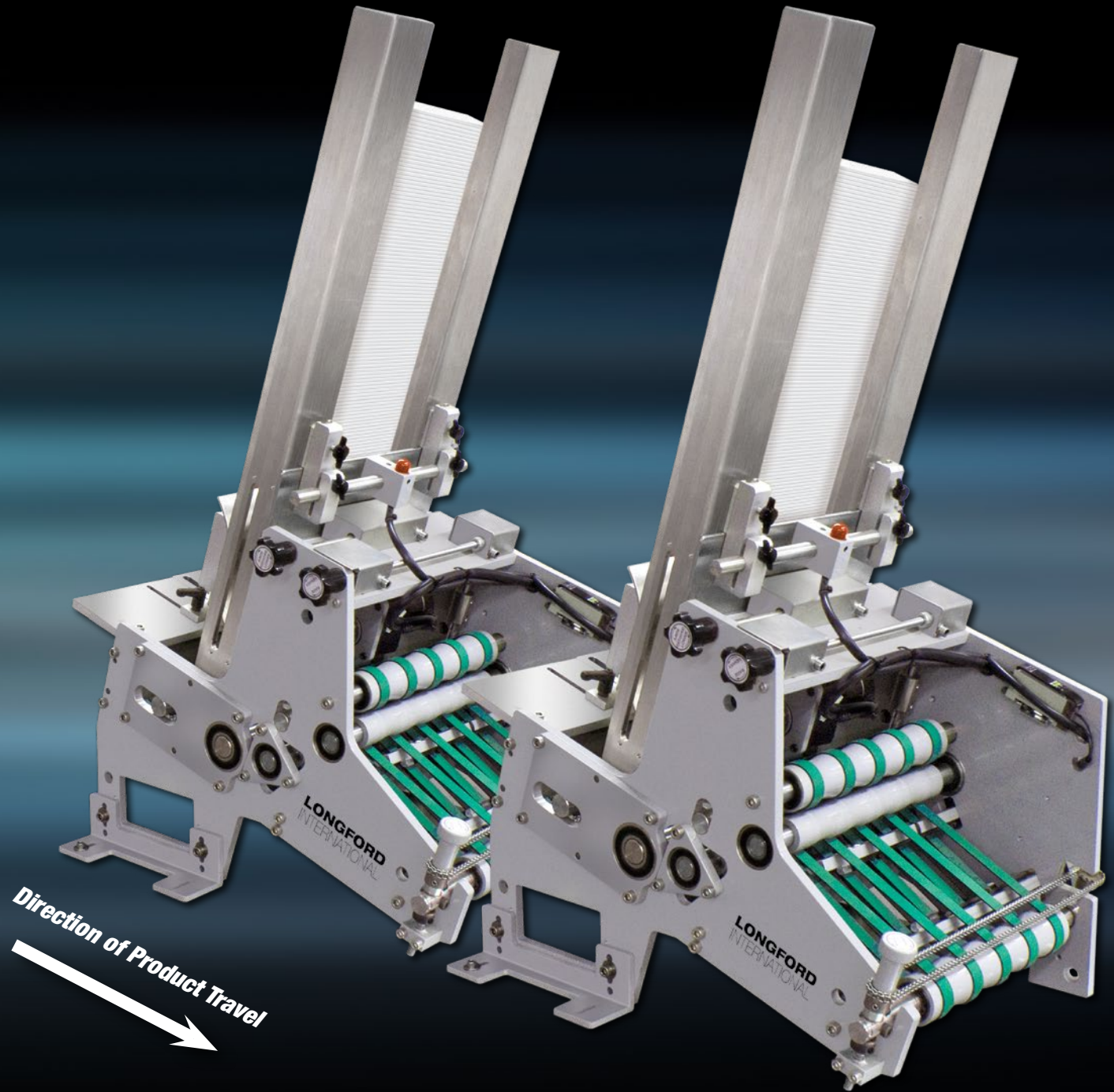
Applications: These high speed custom feeders are specifically designed where multiple feeders are required in a small foot print. These feeders are ideal for direct mail applications and integrate with any style inserter, wrapper or cartoner.

Specifications:

Minimum Product Length	1 ¼"	31.75 mm
Maximum Product Length	6"	152.4 mm
Minimum Product Width	1 ¼"	31.75 mm
Maximum Product Width	9"	228 mm

Speed: Up to 400 pieces per minute

See application pages A, B, and C for common integrations.



Direction of Product Travel

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Model: VTF700 Variable Thickness Feeder with Product Autoloader

Applications: This custom feeder was designed to handle a variety of product thicknesses within a run without de-collation or feeder changeover. The feeder is ideally suited for use within a postal sortation system, return product system, mailing/wrapping fulfillment system and can handle products such as magazines, exam papers, test books, stuffed envelopes, letter sized mail etc. The VTF700 comes equipped with an AL700 product autoloader.

Specifications:

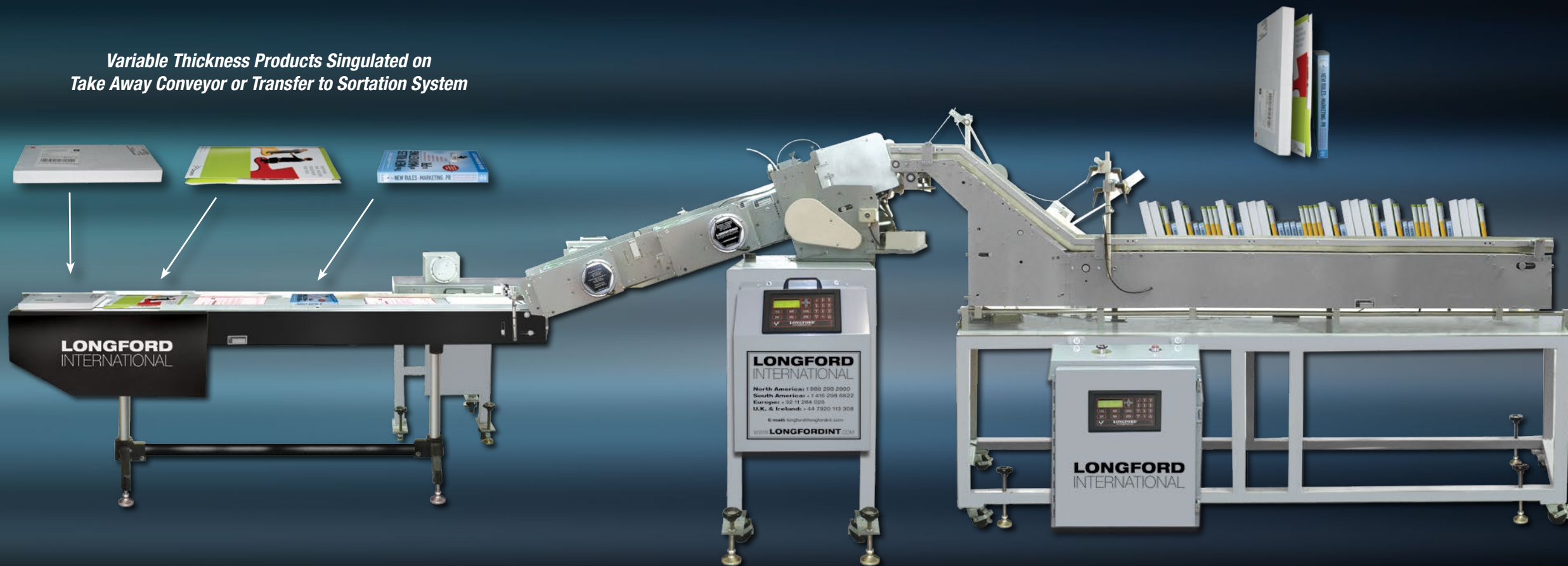
Minimum Product Length	4"	102 mm
Maximum Product Length	12"	305 mm
Minimum Product Width	4"	102 mm
Maximum Product Width	12"	305 mm
Minimum Product Thickness	0.010"	.254 mm
Maximum Product Thickness	1 1/2"	38 mm

Speed: Up to 150 pieces per minute

See application pages A, B, and C for common integrations.

Variable Thickness Products Singulated on Take Away Conveyor or Transfer to Sortation System

Variable Thickness Products Are Stacked in Autoloader, in Any Order



Direction of Product Travel



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Model: Longford Piggyback™ System

Applications: The Longford Piggyback™ System is the fastest and most efficient way to glue (marry) pre-folded Pharmaceutical Inserts together in stacks of 2-6. The system comes in 2 standard configurations (3 station or 6 station) and utilizes Longford's industry leading C350 friction feeders and glues the PI's together at speeds up to 12,000 completed sets per hour. Each feeder can be equipped with bar code verification and the system comes with an inline reject with lock box to ensure incomplete or incorrect sets never enter the finished product stream. The Piggyback™ system is now available with the Longford semi-automatic tray loader to reduce labour at the discharge end and the feeders can be equipped with product autoloaders.

Specifications:

Minimum Product Length	1 1/8"	28 mm
Maximum Product Length	4"	101 mm
Minimum Product Width	1 1/8"	28 mm
Maximum Product Width	4"	101 mm
Minimum Product Thickness	0.004"	0.1 mm
Maximum Product Thickness	0.500"	12 mm

Speed: Up to 200 completed sets per minute

See application pages A, B, and C for common integrations.

FINISHED PRODUCT



Pharma Information
1 Language



Pharma Information
2 Languages

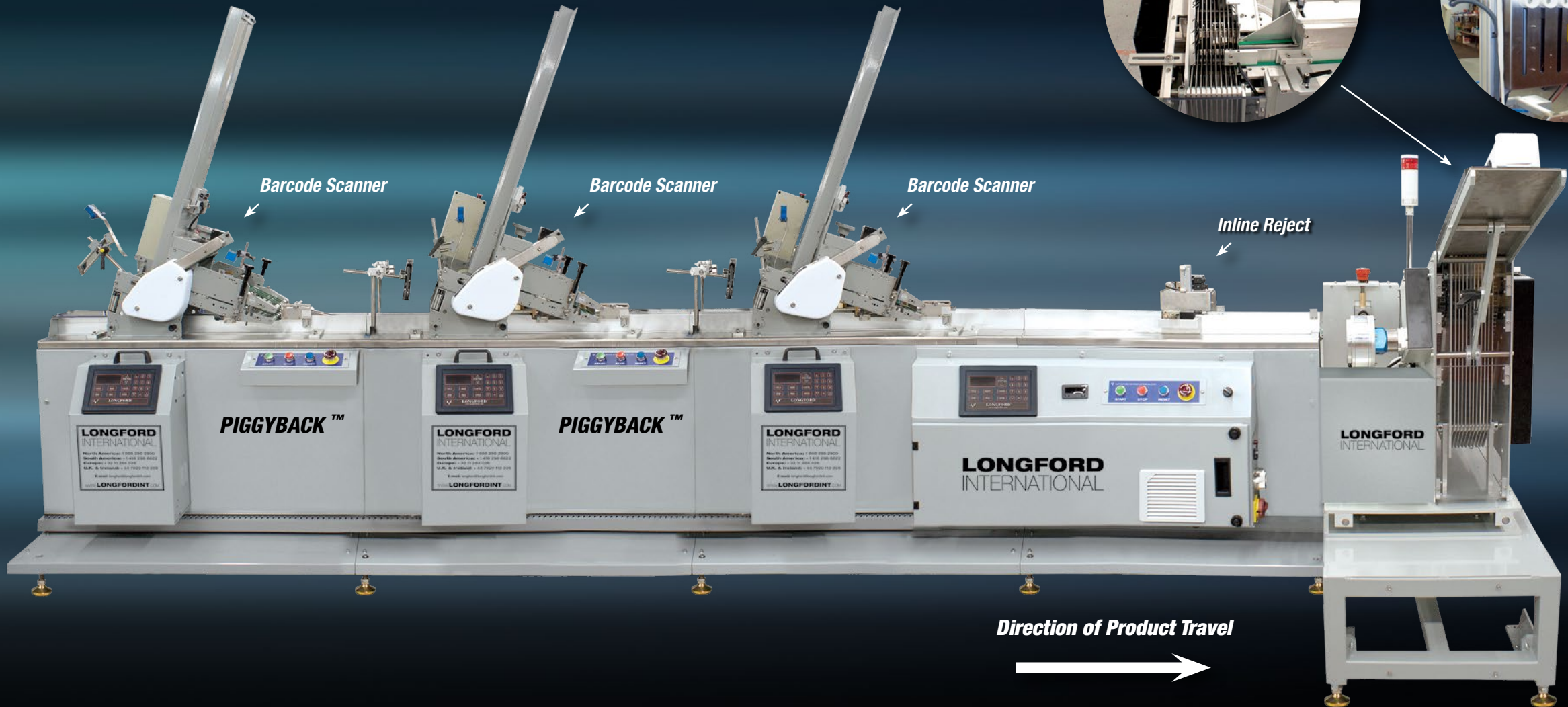


Pharma Information
Multiple Languages



Automatic Tray Loader

Optional Bander



Barcode Scanner

Barcode Scanner

Barcode Scanner

Inline Reject

Direction of Product Travel



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Raw Product

Model: Longford Feed/Read/Print/Verify System

Applications: The Longford Read/Print/Verify System is a rugged, compact and reliable system that reads a bar code or human readable number on product (lottery tickets, direct mail packages etc) travelling on the parent system, performs a database look up and prints the variable data onto a top sheet (top sheet can be folded inline or dispensed flat), read and verify that the printed information is correct and dispense the sheet onto the proper product prior to wrapping or inserting. The system runs at speeds up to 200 ppm.

Specifications:

- 1 x Longford C700 Friction Feeder
- 1 x Vacuum Transport Conveyor with Fold Section
- 1 x Longford Line Controller
- 2 x Domino L Series Print Systems
- 1 x Lake Image Vision System

See application pages A, B, and C for common integrations.

Information Printed on Demand

Based on:

- > **Database Look-up**
- > **Address**
- > **Barcodes**
- > **Custom Codes**

For more information contact
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Finished Printed Folded



1 C350 FEEDER

2 TRACK AND TRACE COMPUTER CONTROLLER

3 INKJET SYSTEM

4 VISION SYSTEM

5 INLINE REJECT WITH LOCKBOX

**6 PRODUCT TRANSFER
(Into Integrated Catch Tray)**



Direction of Product Travel



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North America: 1 888 298 2900
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Gift Card Tipped Onto Carrier



Model: LTS 2000 High Speed Tipping System

Applications: The LTS2000 High Speed Tipping System is a rugged, compact and accurate affixing system capable of placing 1 or 2 items onto a carrier at speeds up to 24,000 pieces per hour with a placement accuracy of +/- 1/16". The LTS 2000 easily integrates with any vision or barcode system, vacuum fold base, inserter or wrapper and is ideally suited for gift cards, loyalty cards, direct mail or promotional items.

Specifications:	Tip On Feeder		Carrier Feeder	
Minimum Product Length	2"	50 mm	3"	76 mm
Maximum Product Length	6"	152 mm	9"	229 mm
Minimum Product Width	2"	50 mm	4"	101 mm
Maximum Product Width	6"	152 mm	12"	300 mm

Speed: Up to 400 pieces per minute

See application pages A, B, and C for common integrations.

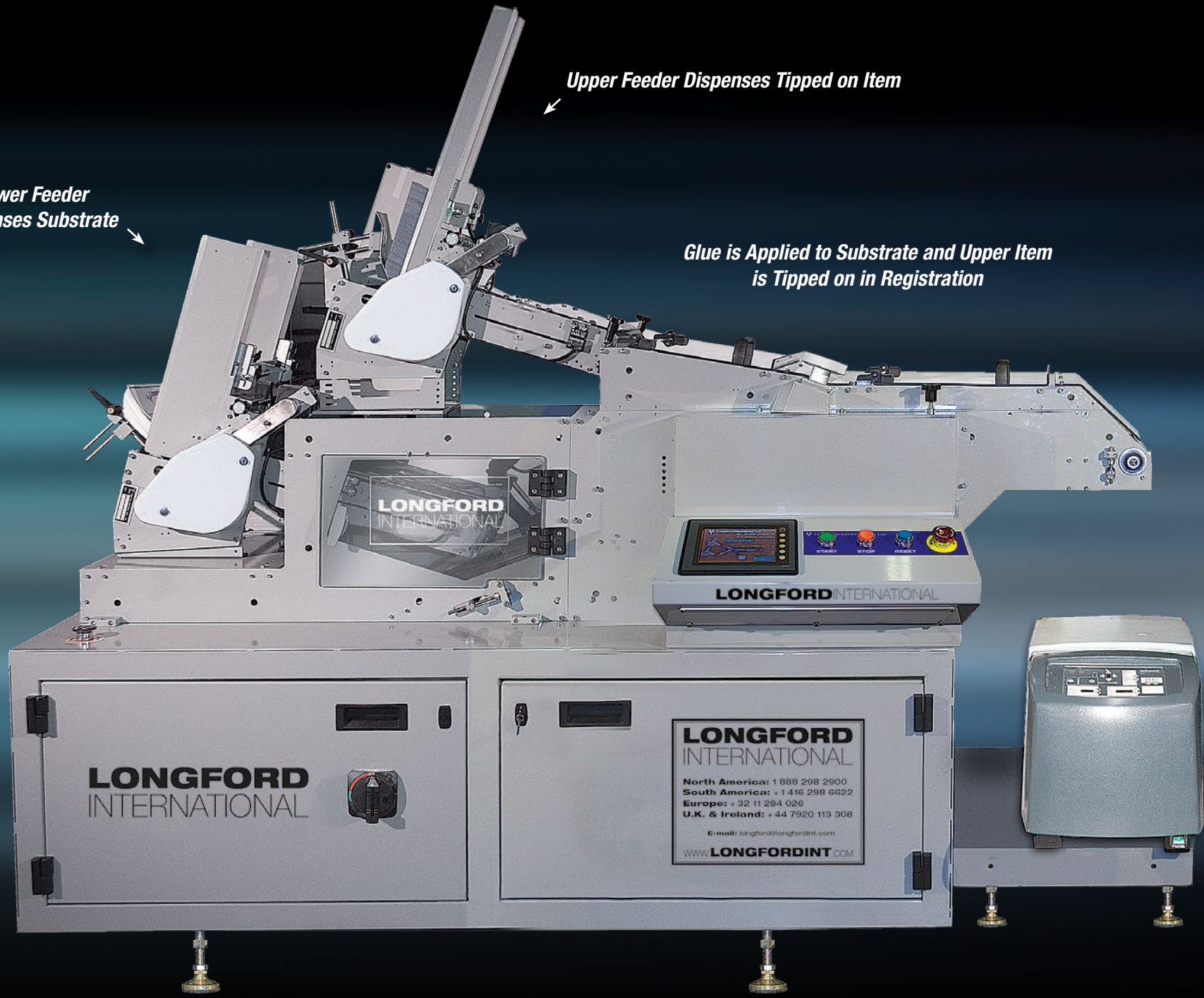
Credit/Debit Card Tipped on Tri-Fold Personalized Carrier



*Lower Feeder
Dispenses Substrate*

*Upper Feeder
Dispenses Tipped on Item*

*Glue is Applied to Substrate and Upper Item
is Tipped on in Registration*



Direction of Product Travel



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Model: Pharmaceutical Track and Trace System

Applications: The Longford Pharmaceutical Track and Trace System has several configurations available according to the specific application requirements and whether it will be part of an online system or offline. Printing and visual inspection options include linear, 2D or pharma code barcodes, OCR date and lot codes or full page image, capture and compare and an inline reject ensures 100% validation of all product entering the production stream. Full closed loop audit trail and long term historical track and trace is available as a standalone system or can be customized to interface with any existing database or MRP system.

Specifications:

Minimum Product Length	2"	51 mm
Maximum Product Length	9"	229 mm
Minimum Product Width	1½"	38 mm
Maximum Product Width	11"	279 mm

Speed: Up to 250 pieces per minute

See application pages A, B, and C for common integrations.

- 1 C350 FEEDER
- 2 PRINT SYSTEM
- 3 VISION VERIFICATION SYSTEM
- 4 INLINE REJECT WITH LOCKBOX
- 5 CATCH TRAY FOR OFFLINE SYSTEM

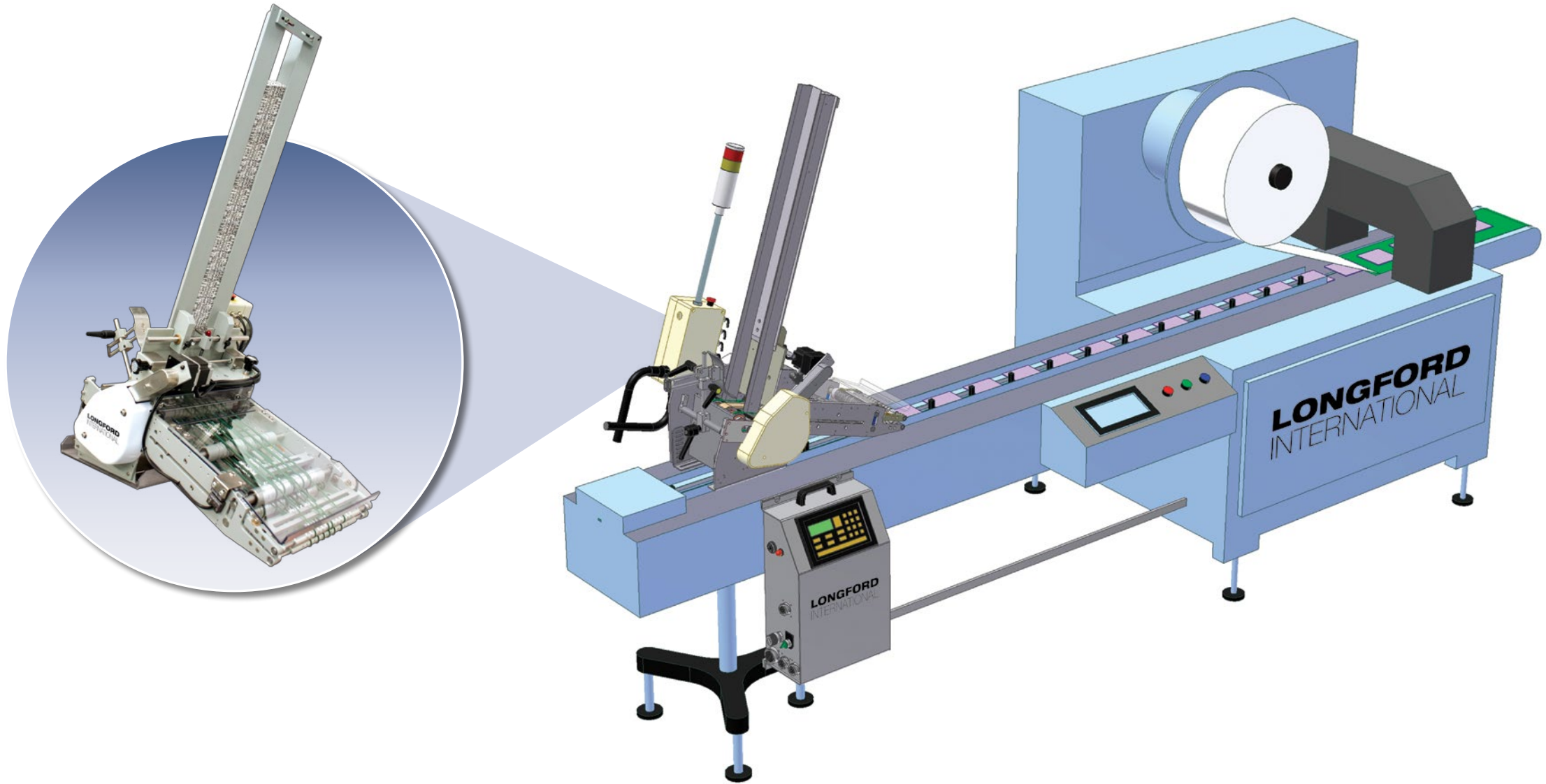


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Our flexible feeders integrate with...



...any Flowrapping/Shrinkwrapping System



C350 feeder can be equipped with optional bar code scanners, autoloaders, multimags or roll feed systems.

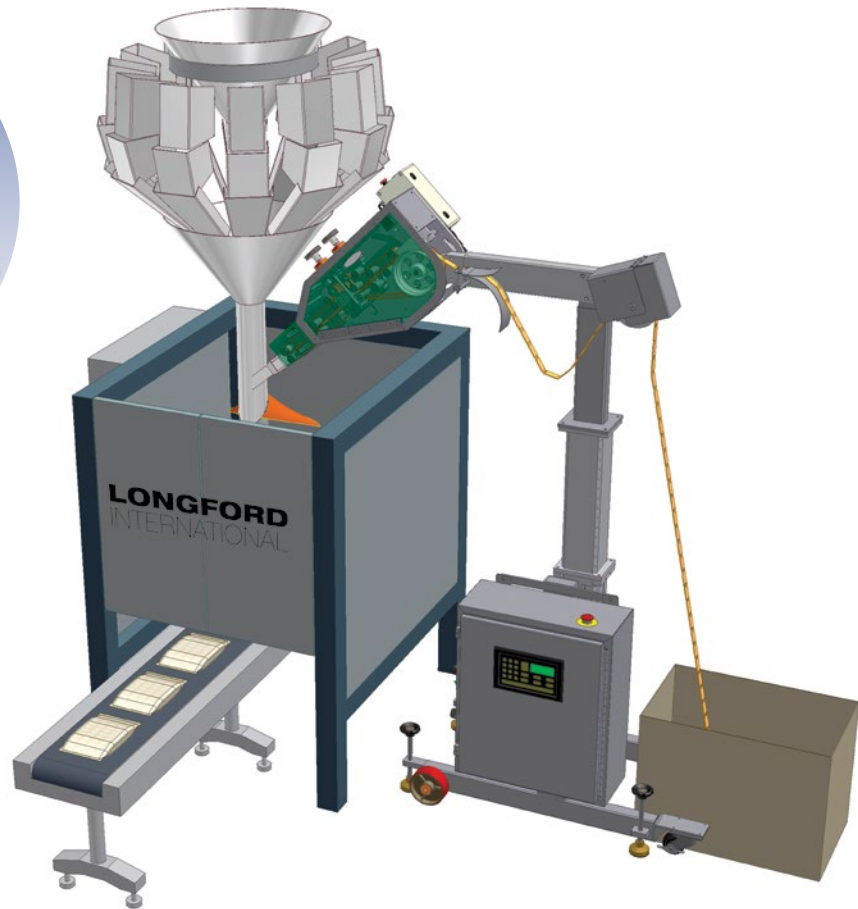
LONGFORDINTERNATIONAL

Our flexible feeders integrate with...



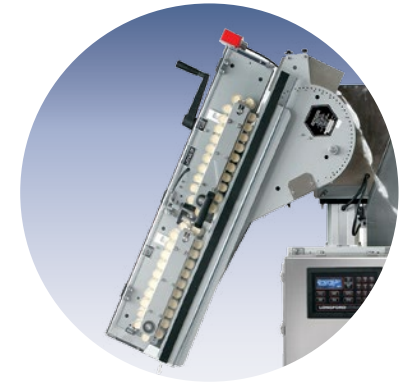
...any Vertical Form Fill Seal System

SF375 SACHET FEEDER



***Ideal for Coupons in Bandolier, Desiccants,
Sauce, Spice, Salt or Pepper Packs.***

3D INSERTER / BF375



***Ideal for Premiums, Toys, Games, Syringes,
Eye Droppers, Measuring Scoops, Pencils, Golf Balls.***

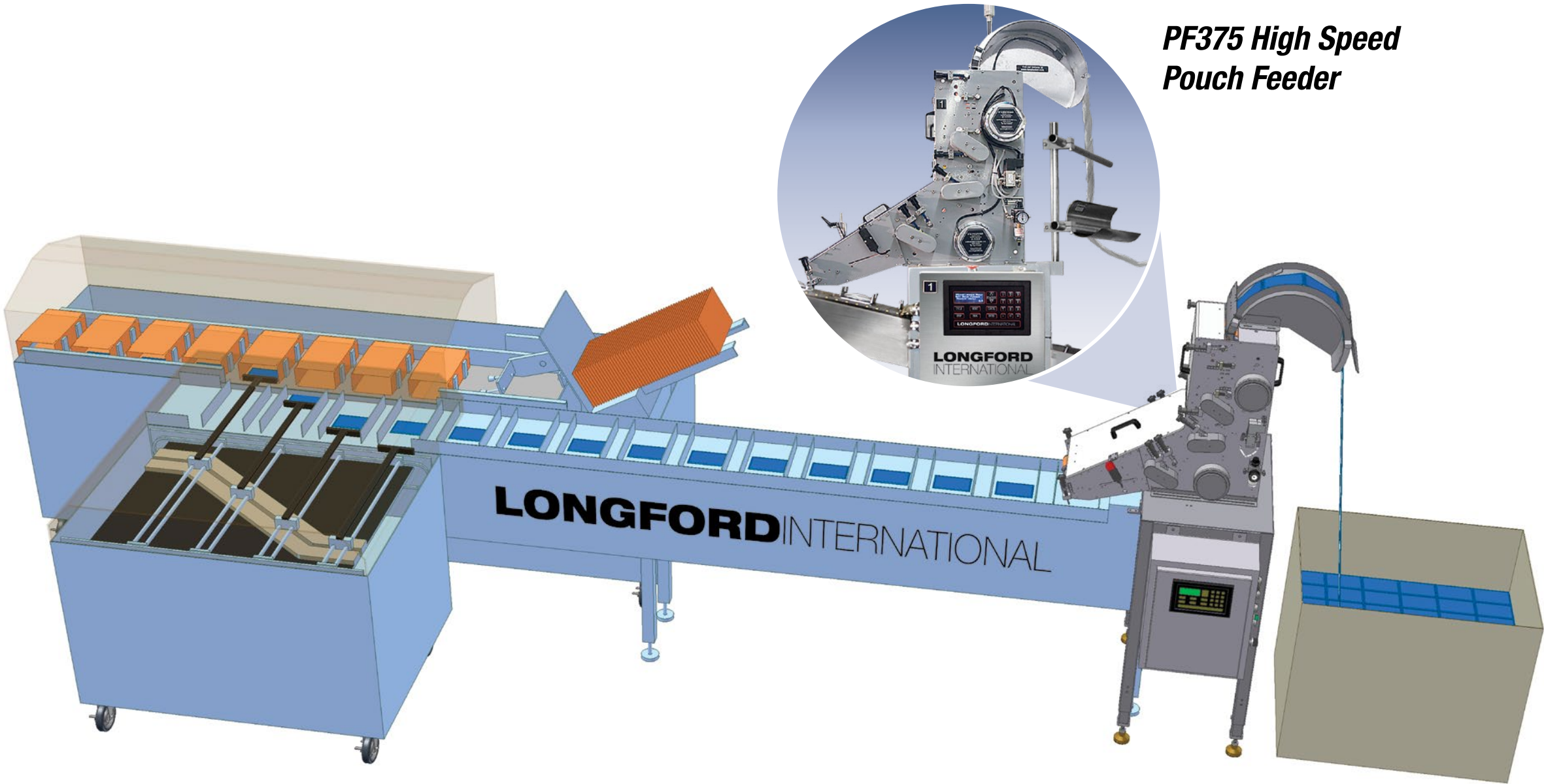
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Our flexible feeders integrate with...



...any Horizontal/Vertical Cartoning System

***PF375 High Speed
Pouch Feeder***



LONGFORD INTERNATIONAL

Our flexible feeders integrate with...

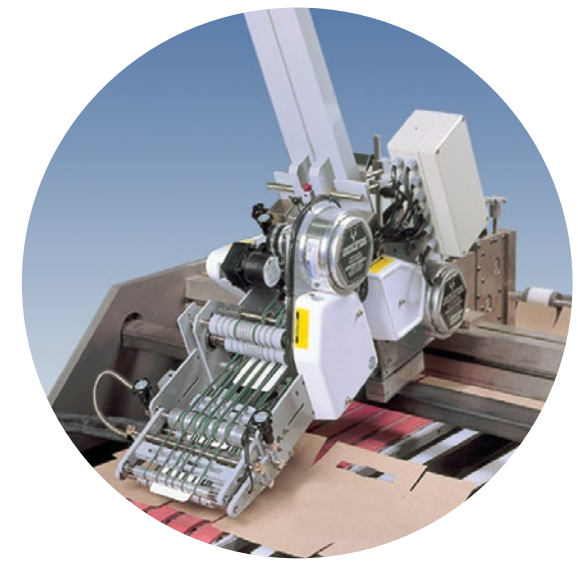
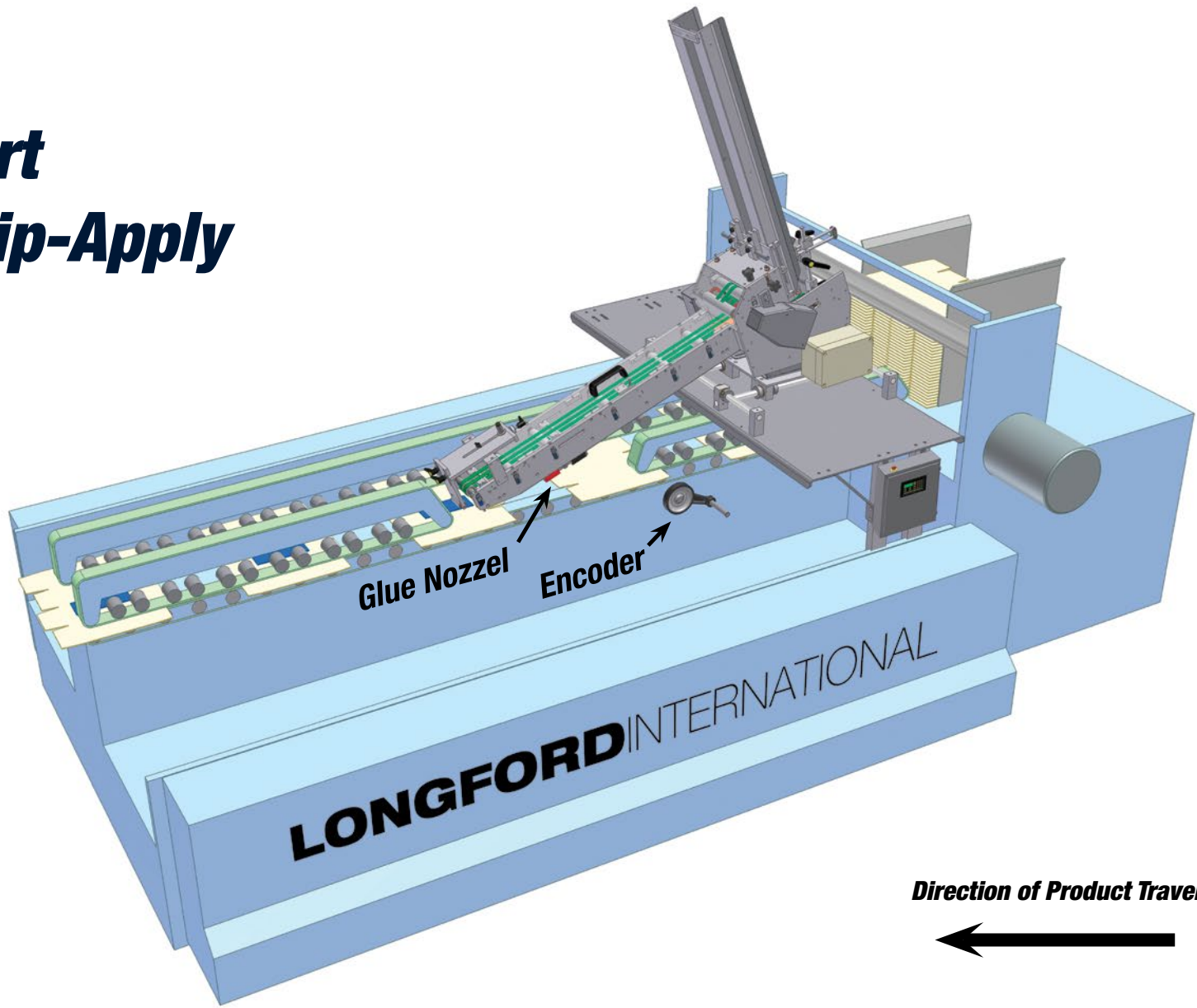


...any Folder Gluer

Typical Applications:

- *Coupons*
- *Leaflets*
- *CD's*
- *Brochures*
- *Sports Cards*
- *Business Cards*
- *Wet Naps*
- *Sheet Protectors*
- *Phone Cards*
- *Multi-Form Leaflets*
- *Pharmaceutical Leaflets*

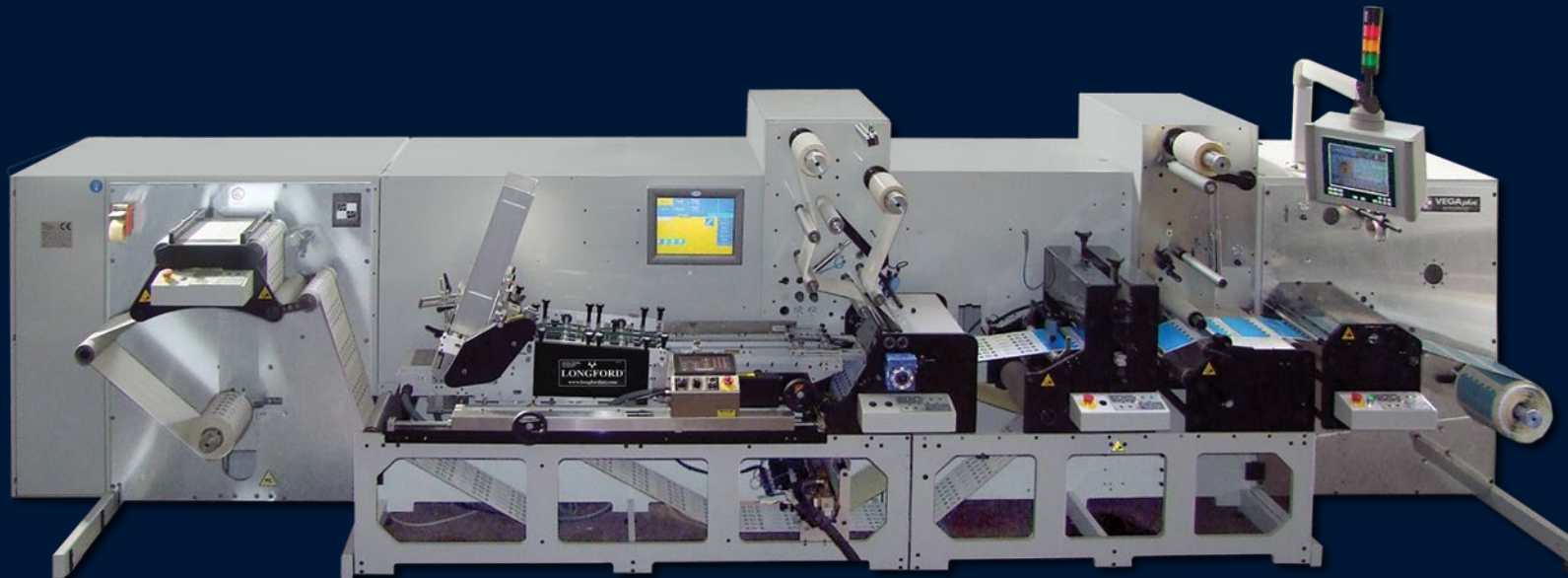
**Affix
Onsert
Tip-Apply**



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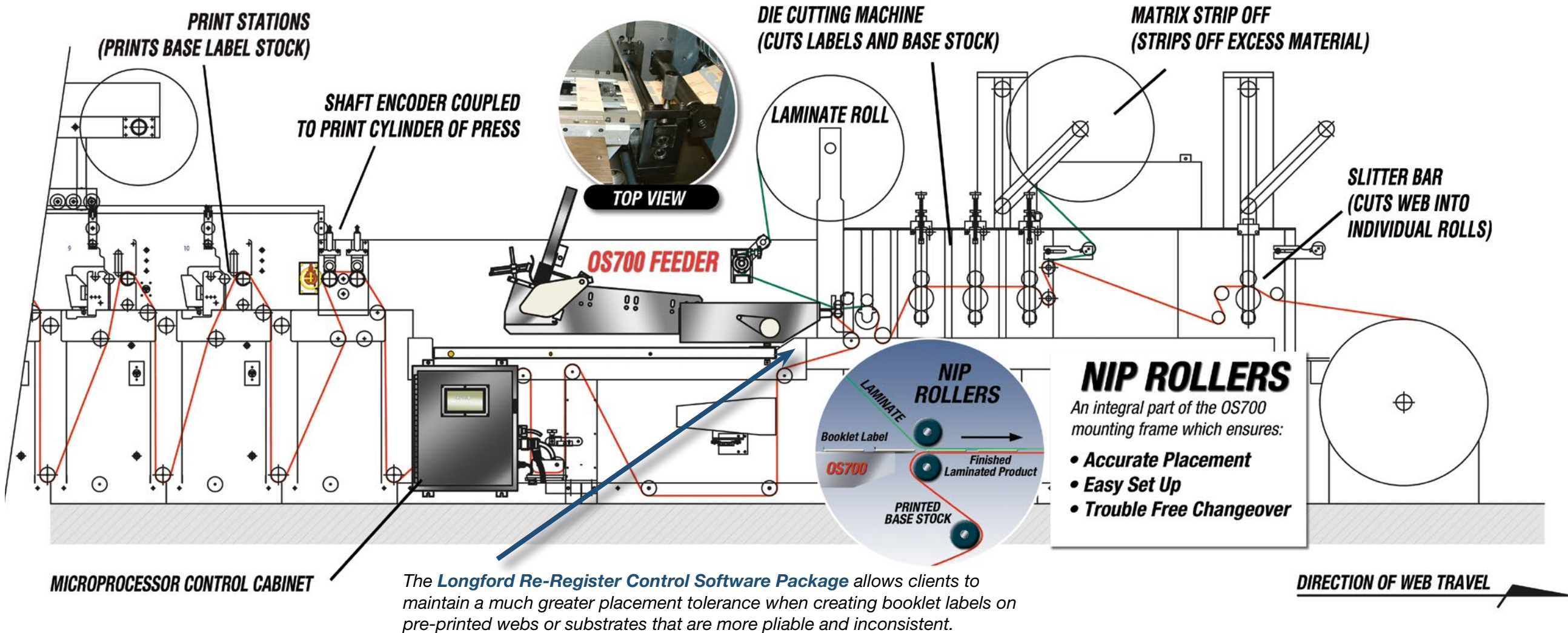
Our flexible feeders integrate with...

...any Offline Label Finishing System



Typical Applications:

- *Make Booklet Labels (ECLs) Inline, On Press*
- *Feed, Read, Look Up Database and Affix Credit Cards, Health Cards On Press*
- *Feed Read Affix RFID TAGS On Press*
- *Feed, Affix Promotion Cards On Press*



OS700 up to 35,000 per hour HS700 up to 70,000 pieces per hour, up to 1000' linear feet per minute

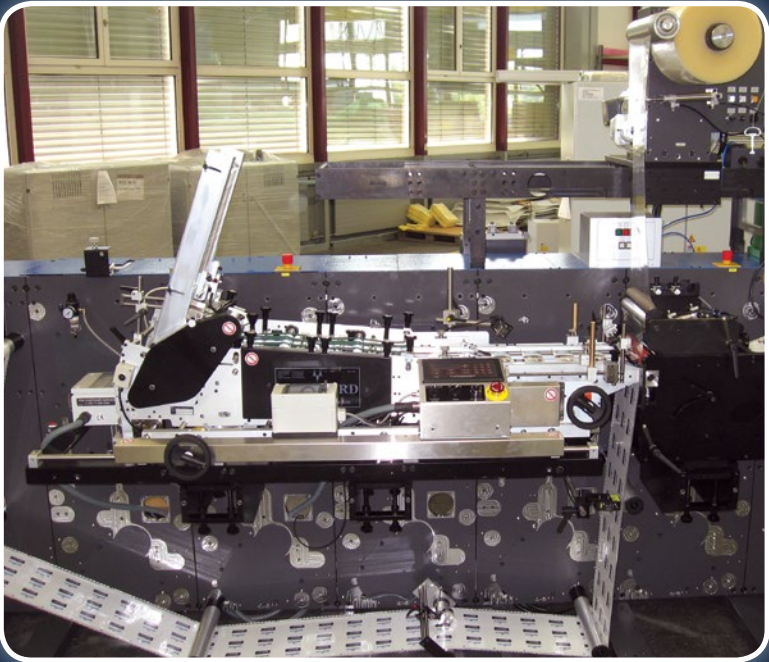
LONGFORDINTERNATIONAL

Our flexible feeders integrate with...

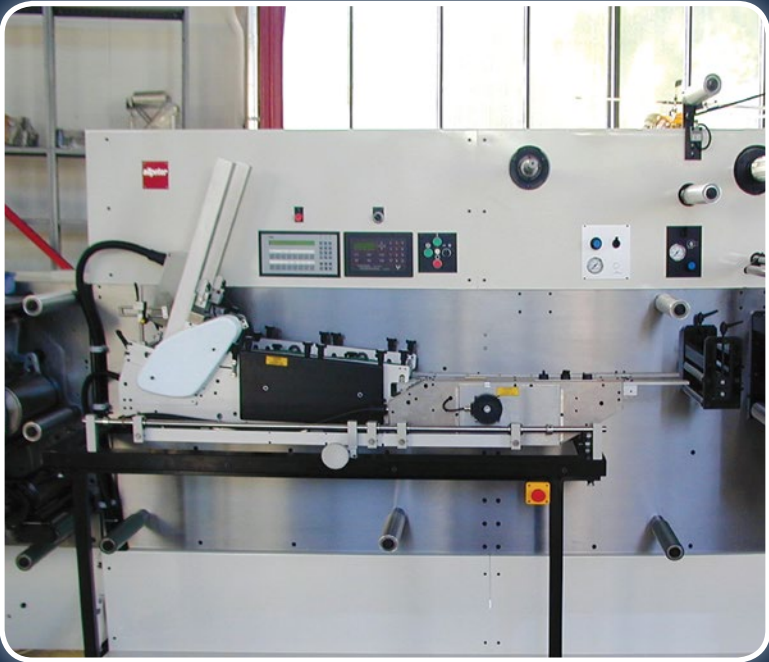


...any Web Press

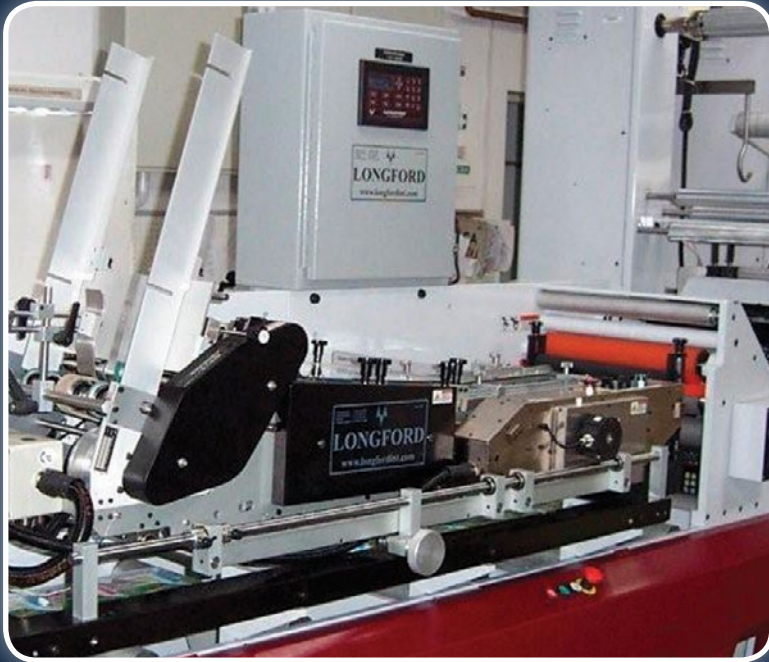
Gallus



Nilpeter



Mark Andy



LONGFORD INTERNATIONAL

ELECTRICAL OPTIONS

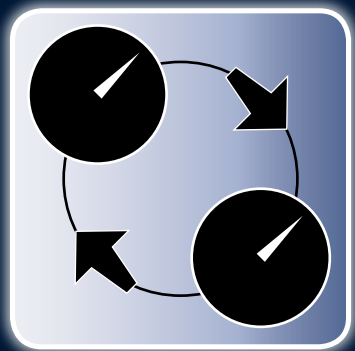
All Longford feeders are available with numerous electrical options to fit any application or requirement.

OPTIONS INCLUDE:



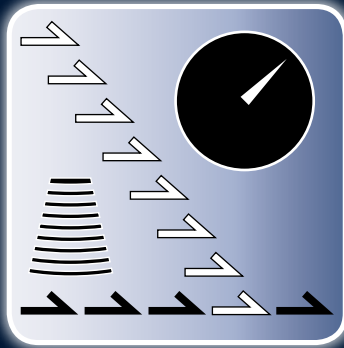
Double Detection

Various methods of double detection are available to ensure that no additional product is introduced into the finished product stream.



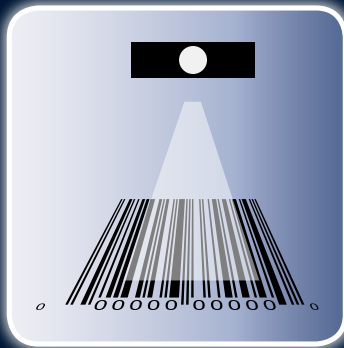
Speed Following

Longford's speed following encoder package matches the speed of any parent machine to ensure pinpoint accuracy when placing product onto another substrate.



Surge Feeding

Longford's surge encoder package is ideally suited for high speed applications and allows the feeders to operate at a lower linear speed while meeting high product throughput. The surge option helps reduce feeder wear and tear and increase wear part life expectancy.



Bar Code Readers/Vision Systems/Colour Sensors

Can be utilized to ensure product integrity and allow for 100% validation of product and when used in conjunction with our inline rejects help ensure that no incorrect product enters the finished product stream.



Feeder Diagnostics

All Longford feeders can be equipped with on screen microprocessor diagnostics to help trouble shoot any problems that may occur on a feeder helping to reduce downtime.

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MECHANICAL FEEDER OPTIONS

All Longford feeders are available with a multitude of options to fit any application requirement.

OPTIONS INCLUDE:

Product Autoloaders

Increases mean time to loading saving labour costs.

Available in multiple configurations and designs.





Inline Product Rejects

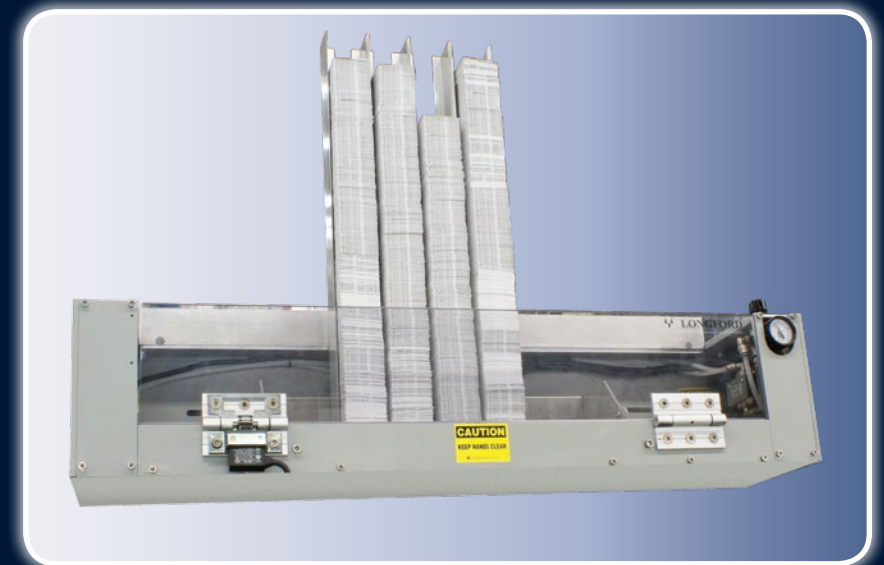
Can be utilized to ensure product integrity and allow for 100% validation of product. The inline product reject can be used as part of a Longford turnkey system or on an individual feeder.

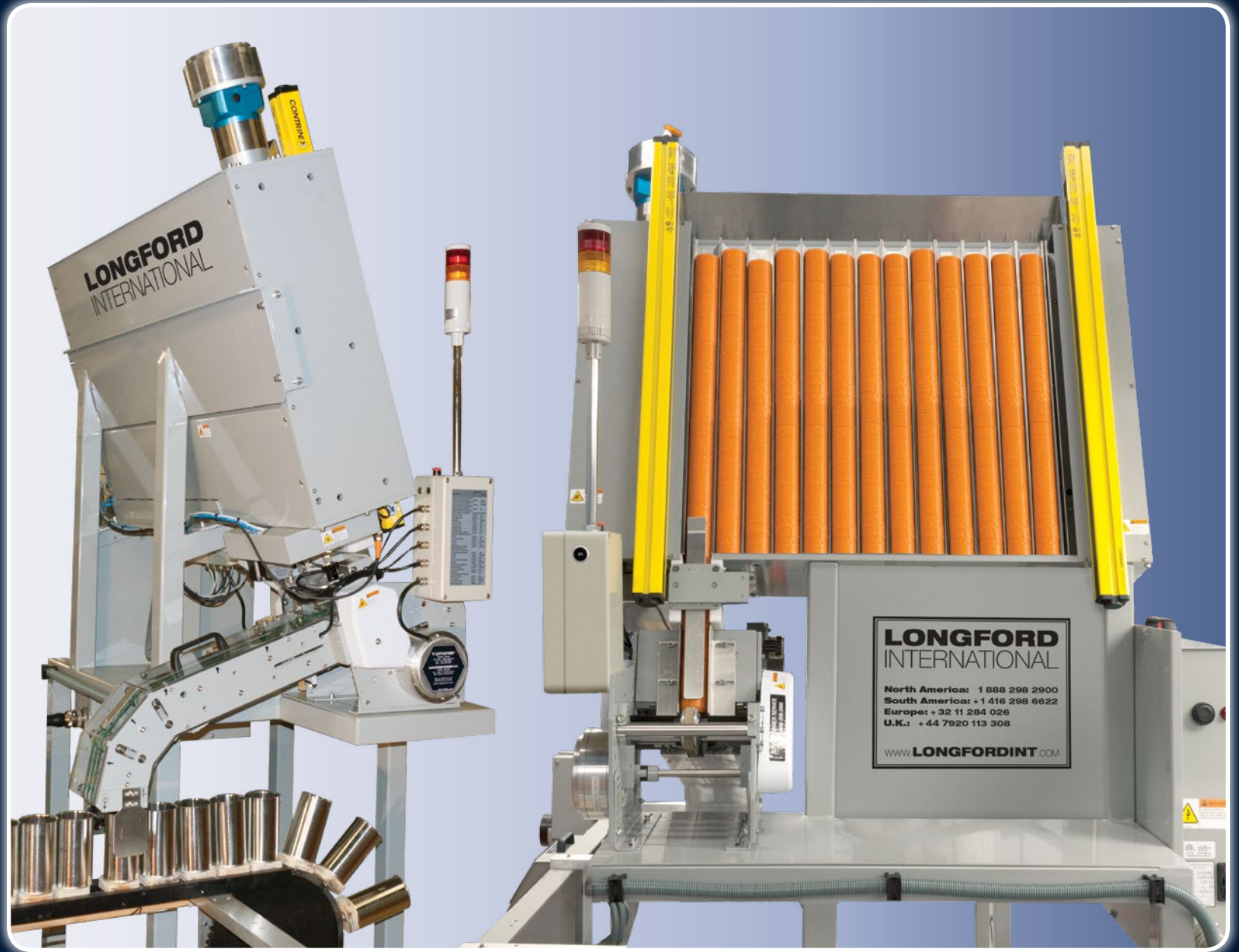


Multiple Lane Magazines

Increases mean time to loading, saving labour costs.

Available in multiple configurations and designs.





Custom Turret Style Multi-Magazines Configurable to any size or application

LONGFORDINTERNATIONAL

CUSTOM SYSTEMS AND FEEDERS

Longford can custom design any of our feeding systems to accommodate any installation or application challenges.

> *Extended Length or Design Exits*

> *Multiple Motor Exits*

> *Multiple Magazines*

> *Autoloaders*

Longford's engineering team can provide your solution.

LONGFORD INTERNATIONAL

CUSTOM SYSTEMS AND FEEDERS



Custom Exit Feeder

with Autoloader and Powered Lift Stand.



Custom Exit Feeder

with vacuum transport for the easy integration of label applicators, printers, vision systems etc.



Custom Designed Exits

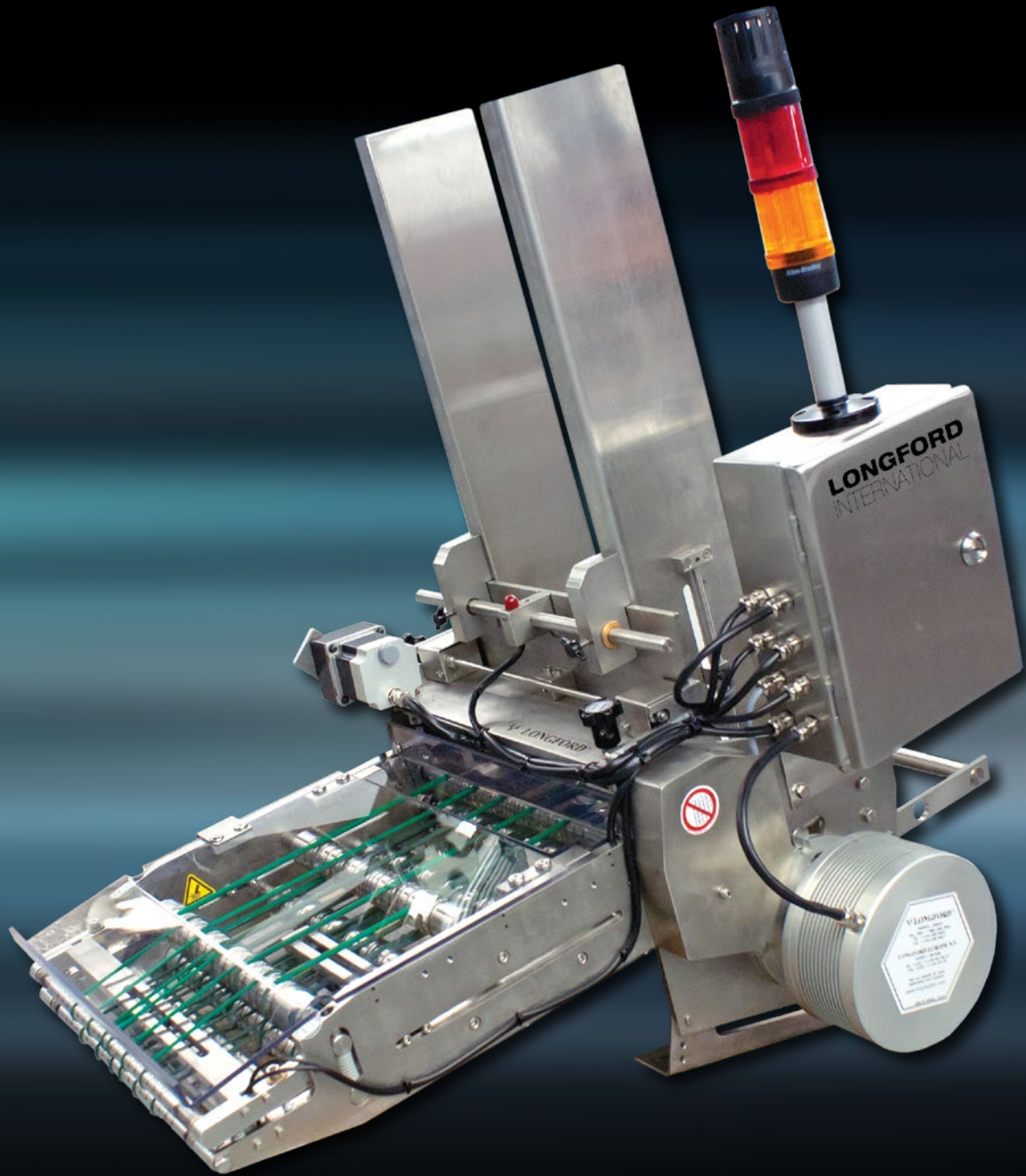
with over 125 exit designs and styles, Longford feeders can be outfitted to suit any application from accurate tipping and placing and can be designed to easily integrate with existing guarding and equipment..

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WASH DOWN FEEDER OPTIONS

All of Longford's packaging and pharmaceutical feeders are available in stainless steel wash down construction.

Control boxes meet NEMA4x standards and feeder and control box are rated to IP56 standard.



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SOFTWARE OPTIONS

All Longford feeders are available with a multitude of options to fit any application requirement.

OPTIONS INCLUDE:



E Series Policing Controllers

The Longford E Series Policing Control System is an electrical interface between a series of Longford feeders and any parent machine. A photocell takes a signal from the infeed of the parent machine and signals the feeders. Each feeder will in turn signal back to complete the communication loop after the dispense has occurred. If all feeders do not send a "complete signal" back, the logic controller signals the main conveyor controller to stop, continue or reject the errant package. The E Series Policing Control also allows for basic pattern control and feeder selectivity and can control up to 16 individual feeders.

Longford Industrial Line Controller

This powerful computer controlled operating (Line Control) system. The PC based system controller is used to monitor, control, and report on the operation of the system including any OEM equipment. It consists of a PC-based computer inside an industrial quality cabinet. The Longford Industrial Line Controller performs a database look-up (either from the customer's server or from a down loaded database) and fulfills each order according to the information in the database. The controller tracks each order throughout the system interfacing with any verification equipment (vision systems, bar code readers) to ensure 100% package integrity. The system creates closed loop audit trails for each job run and can be configured to include any production reports required (database usage, error reports etc.)



Remote Diagnostics

The software includes several diagnostic functions which are user callable (password protected) from the display/ keypad, permitting troubleshooting both at the software and hardware levels. This comprehensive, built-in diagnostic function takes the guesswork out of I/O diagnostics, saving time and money by accelerating the troubleshooting process. The diagnostics can be accessed through the users network for remote diagnostics or (through a secure ethernet connection, optional) at Longford by our software engineers.

LONGFORDINTERNATIONAL

Typical Products Fed by Longford Feeders

The following pages highlight the wide variety and styles of products Longford has fed in the past. Our industry leading feeder technology and strong technical team provide our customers with the most flexible and reliable feeder systems in the world.



ENVELOPES



BUSINESS ENVELOPES



PILLOW/PADDED ENVELOPES



PLASTIC SHEET COVERS



GREETING CARDS



POST CARDS



**PAPER SHEETS
(STATIONERY/PHOTO PAPER)**



LABELS & SHEETS



PAPER BAGS



FILE FOLDERS



**PARCHMENT PAPER /
SUSCEPTOR BOARDS**



TELEPHONE/CREDIT CARDS



PLAYING/SPORTS/ CASINO CARDS



COUPONS



LOTTERY TICKETS



LEAFLETS



PHARMA LEAFLETS



TRANSDERMAL PATCHES



DIAPERS & FEMININE HYGIENE



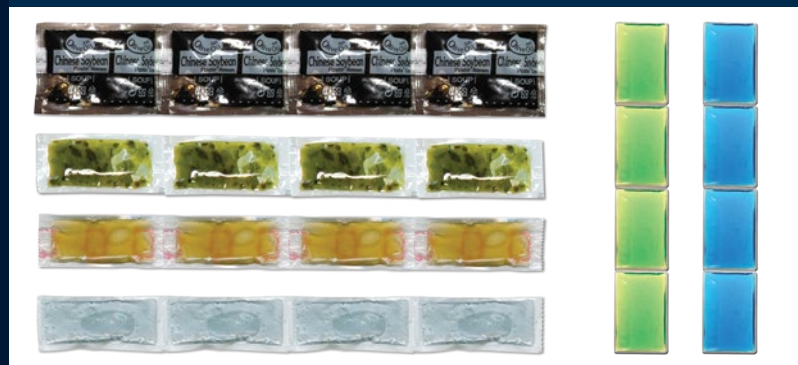
DRY POUCHES



**DRY POUCHES
(IN BANDOLIER)**



LIQUID POUCHES



**LIQUID POUCHES
(IN BANDOLIER)**



SACHETS



SECURITY PRINT PRODUCTS



CDs/DVDs



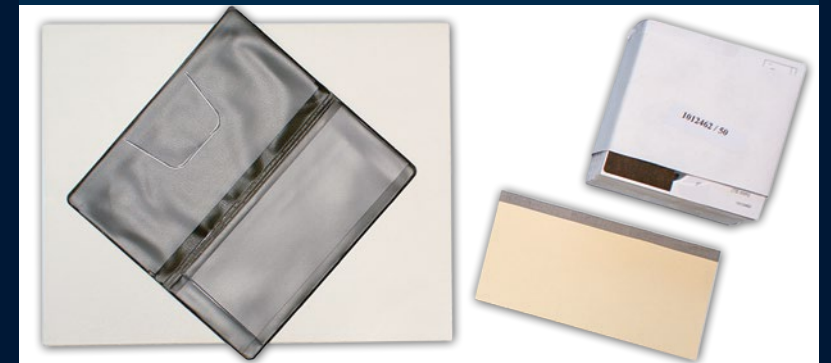
CARTON BLANKS



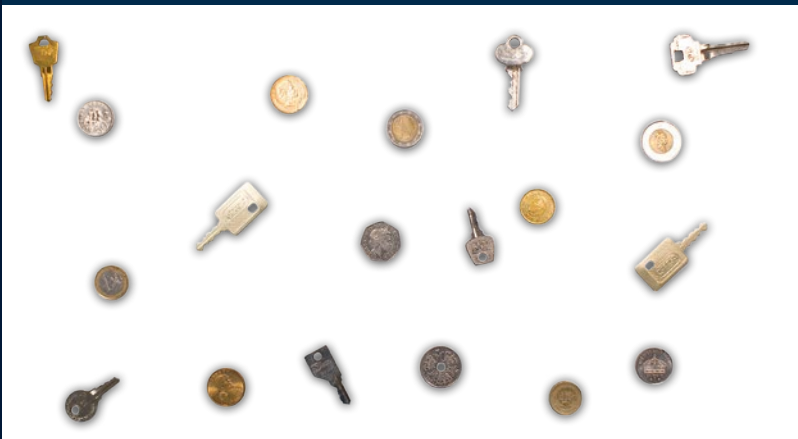
FLAT BOXES



MAGNETS



VARIABLE THICKNESS PRODUCTS



COINS / KEYS



CYLINDRICAL PRODUCTS



**3D TOYS & GAMES
(IN BANDOLIER)**



**3D SCOOPS & SYRINGES
(IN BANDOLIER)**



**OVER WRAPPED
COUPONS/LEAFLETS**



BOOKLET LABELS (ECL)



BOOKLET LABELS (ECL)



BOOKS



DIRECT MAIL PIECES



MAGAZINE (STITCHED)



MAGAZINES PERFECT BOUND



TIPPED SAMPLES

LONGFORD INTERNATIONAL



LONGFORD INTERNATIONAL LTD.

41 Lamont Avenue, Toronto, Ontario, Canada M1S 1A8
Phone: 416-298-6622 **Fax:** 416-298-6627 **Toll Free:** 888-298-2900
E-mail: longford@longfordint.com
Contact: Mr. Steve Watkins



LONGFORD EUROPE NV

Gouverneur Roppesingel 81/2b 3500 Hasselt, Belgium
Phone: + 32 11 28 4026 **Fax:** ++ 32 11 28 4032
E-mail: longfordsurope@longfordint.com
Contact: Mr. Hugo Vanchaze



LONGFORD EQUIPMENT (UK) LTD.

7 Derverter Avenue, Canvey Island
Essex, SS8 9PX ENGLAND
Mobile: : +44 7920 113308 **E-mail:** grahamc@longfordint.com
Contact: Mr. Graham Collisson

Our Distribution Partners Around The World



MEXICO

Aristarco, S.A. deC.V. Francisco Alonso
Sanchez Azcona 217 03020 Mexico, D.F. Mexico
Phone: +52 55 5639 6124
Contact: Sr. Francisco Alonso **E-mail:** alonso71@prodigy.net.mx



SPAIN

LUCIANO AGUILAR, S.A. C/. Mallorca, 279 Principal 2ª
08037 BARCELONA (España)
Phone: + 34 934 87 66 67 **Fax:** (+34) 934 88 03 75 / 934 87 30 02
E-Mail: info@laguilar.es **www.laguilar.es**



FRANCE

SERMATEC SAS ZA la Lande
50290 Coudeville sur mer, France
Tél : + 33 2 33 91 12 00 **Fax :** +33 2 33 91 66 63
Courriel : contact@sermatec.fr **www.sermatec.fr**



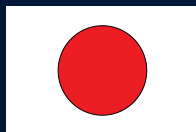
PORTUGAL

TIL, LDA Rua Almirante Sousa Dias, 4 A
2780-299 Oeiras, Portugal
Phone: + 351 214417950 **Fax:** +351 214413862
E-mail: til.com@mail.telepac.pt **www.til.com.pt**



BRASIL

ULMA Packaging Ltda
Rua José Getúlio, 579 conj.22 - Aclimação - SÃO PAULO (SÃO PAULO) BRASIL - Cep 01509-001
Phone: +55 11 4063-1143 Ramal 4108 **Fax:**+55 11 2167-5284



JAPAN

DKSH
3-4-19, Mita, Minato-ku, Tokyo 108-8360 Japan
Phone: + 81 3 5730 7640 **Fax** +81 3 5730 7607
Contact: Mr. Masato Oguro **E-mail:** masato.oguro@dksh.com



AUSTRALIA

Pharma Tech Systems, Unit 11/10 Foundry Road
Seven Hills, New South Wales, 2147
Australia **Phone:** + 61 2 9838 7755 **Fax:** ++ 61 2 9838 7799 **Mobile:** ++ 61 2 418 283 667
Contact: Mr. Greg Nelson



NEW ZEALAND

TNA New Zealand Ltd, PO Box 98933 South Auckland Mail Centre
23 Ash Road, Wiri, Auckland NEW ZEALAND
Phone: +64 263 7800 **Fax:** +64 262 2222
E-Mail: pauld@tnarobag.com **Contact:** Mr. Paul Daniel



TURKEY

SFC Makina Danışmanlık Hizmetleri Snack Food Machinery
Mahmut Yesari Sokak, No:47, Koşuyolu, Istanbul / Turkey
Phone : + 90 216 340 8687 **Fax :** + 90 216 3408688 **Cell :** + 90 533 335 78 06
E-Mail: minanici@ttmail.com and hinanici@ttmail.com **Web:** www.snackmachinery.com



SOUTH AFRICA

Pakmatic CO. (PTY) Ltd., Unit B Upper Floor, Wedgefield Office Park
17 Muswell Road South, Bryanston, South Africa
Phone: + 27 114 63 2002 **E-mail:** ray.shaftoe@pakmatic.co.za
Contact: Mr. Raymond Shaftoe



CHINA

Ferrostaal Commercial (Beijing) Co
1008 CYTS Plaza No. 5 Dongzhimen South Avenue , Doncheng District Beijing 100007
Phone: + 86 10 5815 6015 **Fax:** + 86 10 5815 6017
Contact: Greenward Chen **E-mail:** greenward.chen@Ferrostaal.com.cn **www.ferrostaal.com.cn**



CHINA

Techgen Machineries, Rm 1005 South Tower Concordia Plaza
No 1 Science Museum Road, Tsimshatsui East, Kowloon Hong Kong
Contact: Mr. Victor Wong **Phone:** + 852 2314 1928 **E-mail:** victor@techgen.com.hk



SINGAPORE

Print Pak Technology Pte Ltd
11 Gul Link, Singapore 629381
Phone : + 65 6862 9363 **Fax :** + 65 6862 9896
Contact: Mr. Kenny Soh **E-mail:** lfkenny@singnet.com.sg **www.printpaktech.com.sg**



INDIA

M/s Novel Automation Ltd
1801, Shuchi Heights, Filmcity Road, Malad (East), Mumbai 400097
Mob: + 91 22 400 33055
Contact: Mr. Ram Prakash

WWW.LONGFORDINT.COM



Go To Our



To See Our Systems In Action