

LONGFORD INTERNATIONAL PERFORMANCE - DURABILITY

SYSTEMS



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LONGFORDINTERNATIONAL

Founded 1969

17,000 Machines in 77 Countries

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

Over 125 Different Designs of Specialty Feeders

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

WWW.**LONGFORDINT**.COM 

Go To Our  To See Our Systems In Action

LONGFORD INTERNATIONAL

Client: Large Gift Card Fulfillment Agency

Mandate: Design/build a turnkey automated fulfillment system for gift cards, credit cards and high value vouchers. Provide a 'Closed Loop' audit trail for the line so operators and managers know each package is 100% fulfilled, shipped and verified. Provide secure package into FEDEX, UPS or DHL courier envelope and upload audit package data to the courier network.



System Specifications

20 x C350 Feeders
(Size 2x3 - 5x9)

1 x Longford ADC Conveyor
1 x Industrial Line Controller

1 x Custom Inserter
Bar Code Readers

1 x Mag Stripe Readers
1 x Line Scan Imaging

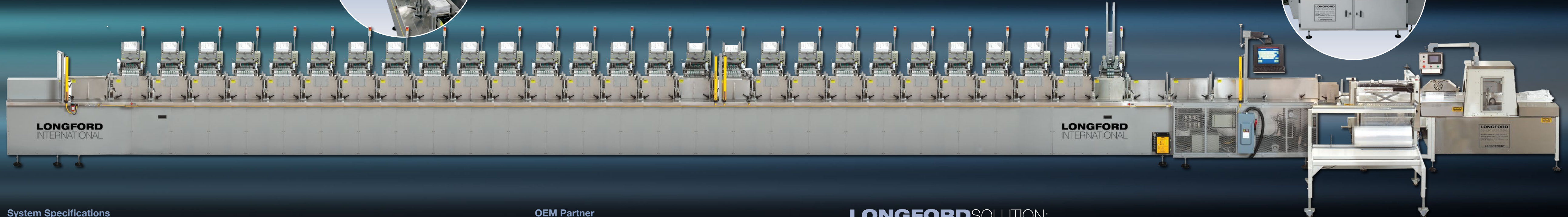
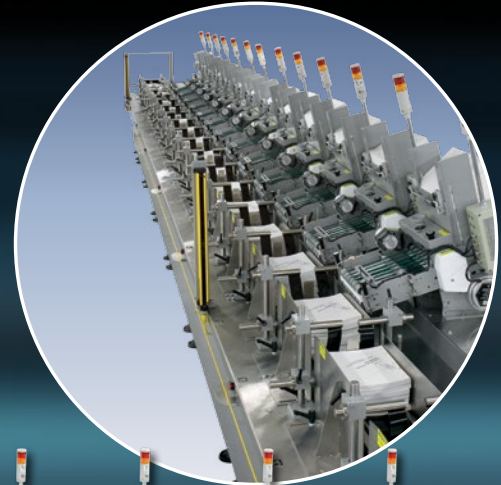
LONGFORD SOLUTION:

Provide 28 feeders, custom conveyor, custom inserter. Unique one to four up card placement system. Industrial controller, secure label system. Also provide OEM components, barcode scanners, print and apply labellers.

LONGFORD INTERNATIONAL

Client: Government Agency

Mandate: Provide a custom system that collates and wraps various training material such as text books, manuals, CD's, DVD's etc., and shipping them to locations around the world. The system will track the packages through the process and provide a closed loop audit trail.



System Specifications

1 x C350 CD Jewel Case Feeder
4 x C700 Extra Thick Book Feeders
22 x C700 Thick Product Feeders

1 x Longford Industrial Line Controller
1 x Longford ADX Heavy Duty Conveyor with Inline Reject

OEM Partner

TexWrap Shrinkwrapper

LONGFORD SOLUTION:

Design, build and install a complete turnkey 27 station book collation and fulfillment system. The system selectively feeds the training material based on a database loaded onto the Longford industrial line controller. The collated sets travel through the TexWrap shrinkwrapper with any incomplete sets rejected prior to wrapping. The Longford industrial line controller produces detailed reports at the end of each run for secure download to the customers server.

LONGFORD INTERNATIONAL

Client: Large Sized Educational Book Publisher (Direct Mail Fulfillment Company)

Mandate: Design and manufacture a turnkey line, including sourcing the flowrapper and adhesive systems to collate hard cover books selectively, overwrap, turn upside down, apply adhesive and feed, affix, invoice and transfer into the courier stream.



System Specifications

8 x C700 Friction Feeders

1 x E19 Line Controller

1 x Ilpack Carrera Flowrapper

1 x Nordson Adhesive System

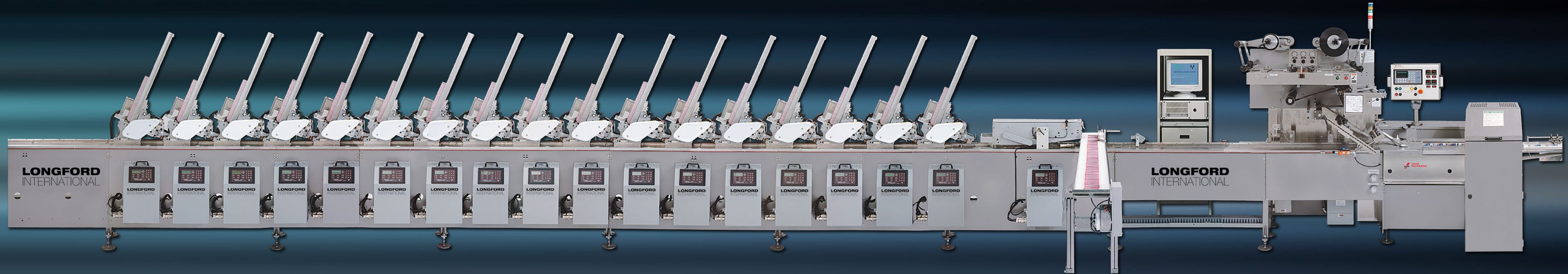
LONGFORD SOLUTION:

Provide a turnkey solution incorporating LONGFORD friction feeders, turnover and a invoice affixing system. All feeders are mounted on portability carts for ease of movement from line to line or plant to plant.

LONGFORD INTERNATIONAL

Client: Multinational Playing Cards, Game Cards, Casino Cards and Games of Chance

Mandate: Design and produce turnkey solution of high speed collation/fulfillment system that is able to randomly or selectively feed, collate and overwrap anywhere from one to 75 cards in a signal pass of up to 24,000 packs per hour. Inline reject allows continual run while taking off short packs. Industrial controller allows continual monitoring of each feeders performance and overall line performance.



System Specifications

17 x B350 Batch/Surge Feeders

Surge Feeding allows high output at very low linear speed.

1 x Longford ADX Custom Conveyor

1x Longford ADC Custom Reject Conveyor

1x Industrial Controller

OEM Partner

Campbell (FMC)

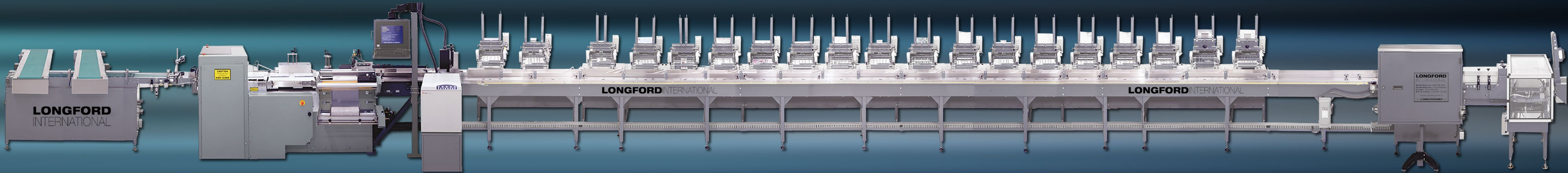
LONGFORD SOLUTION:

Provide batch/surge model B350 trade card feeders with custom batch table. Feeders may be added to line or taken away up to 80 feeders on the line. Complete randomization, selectivity or win/lose programming allows the line complete flexibility of collation sequence and packaging.

LONGFORD INTERNATIONAL

Client: Direct Mail Fulfillment House (With multiple locations and a single call centre)

Mandate: Design and produce turnkey fulfillment system that is able to overwrap printed media product during the morning shift and then collate, stack and strap the product during the evening shift.



System Specifications

18 x C700 Feeders

(Surge Feeding allows high output at very low linear speed)

1x Bi-directional Longford ADX Custom Conveyor that overwraps in west direction and stacks/bands in east direction

OEM Partners

Kodak/Scitex

Shanklin

SIC Barcodes

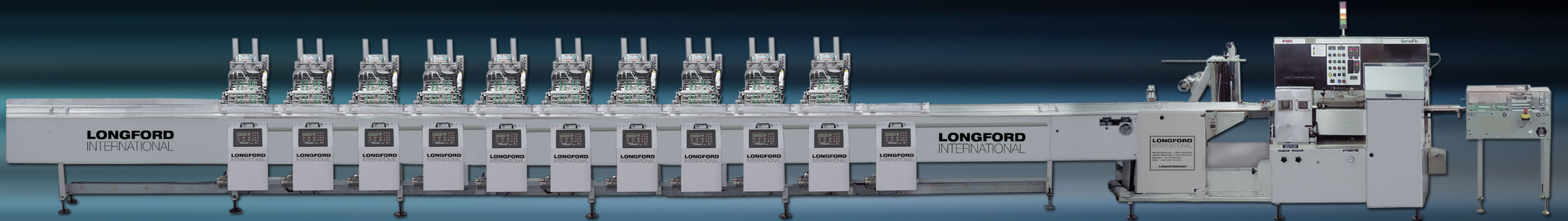
LONGFORD SOLUTION:

Custom bi-directional (east/west) fulfillment system, incorporating print-on-demand, in-line imaging (Kodak/Scitex), in-line shrinkwrapping and postal sortation system.

LONGFORD INTERNATIONAL

Client: Mid-Size Direct Mail Printer

Mandate: Provide custom flexible and scalable fulfillment line for printed media product. Must meet tight return on capital requirements.



System Specifications

12 x GF700 'Grouping Feeders'

1 x Inline Rejector

1 x E19 Policing Line Controller

OEM Partners

Campbell Wrappers

LONGFORD SOLUTION:

Design/build multi-station feeder/collation system that uses unique 'grouping feeders' which allow batching in the exit of the feeder. Feeders are easily added or subtracted from the line or moved to other lines in the plant or other plants. Policing control ensures accurate timing as line ramps up and down in speed and collation sequence. Provide inline rejector to allow line to feed running while rejecting short packages. Feeders run side (90°) or straddle mount (inline) depending on client layout.

LONGFORD INTERNATIONAL

Client: Multinational Carton and Paper Box Manufacturer

Mandate: Provide massive labour savings and collation quality assurance by installing a custom selective collator that discharges directly into a high speed folder gluer.



System Specifications

24 x C350 Surge Feeders

1 x Custom Buffer/Shingling System

1 x Custom Longford ADX Conveyor

1 x Automatic Transfer To A Folder Gluer

LONGFORD SOLUTION:

Design/build a (24) station custom selective collator that feeds, collates, shingles, stacks and transfers stacks of carton blanks into the infeed of a folder gluer. Line must allow for speed fluctuations of folder/gluer by having an inline buffer/shingled system.

LONGFORD INTERNATIONAL

Client: Security Document Printer

Mandate: Design/build a custom system that collates the security documents into the conveyor section, verifies the authenticity of each piece, audits each document and presents to the custom envelope for insertion and exit of the line.



System Specifications

- 4 x BD700 Custom Cheque and PAF Document Feeders
- 4 x C350 Envelope Feeders
- 1 x ML100 Mail Loader System

- 1 x Longford ADX Custom Conveyor
- 1 x Industrial Controller in Closed Loop Audit Trail Function

OEM Partners

- Videk Vision / SIC
- Barcode

LONGFORD SOLUTION:

Provide batch counters for the different denominations and a single feeder for slip sheets to feed, batch count and package the stamps or currency to prepare them for the shrinkwrapping process. The package must be perfectly square upon entrance and exit of the shrinkwrapper.

LONGFORD INTERNATIONAL

Client: Multinational Publisher of Government Printing and Education Board Testing Documents

Mandate: Automate current hand labour process introducing automatic loading, feeding and unique ID on each piece. Fulfill, secure label and overwrap to complete the processing.



System Specifications

5 x C700 Custom Book Feeders
1x Longford ADC Custom Conveyor

1x Industrial Controller

OEM Partners

Videk Vision
SIC Barcode

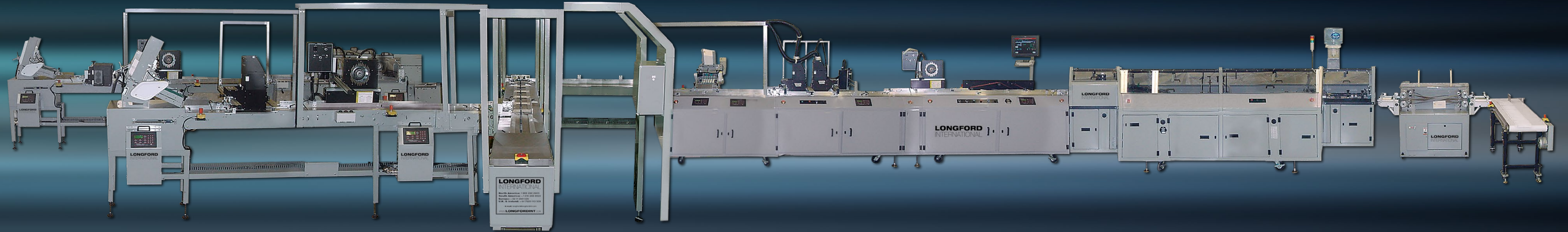
LONGFORD SOLUTION:

Incorporate key OEM partners and provide turnkey responsibility for the line. Selectively collate the books (exams), image each piece, stack, label and overwrap the stack of exams. Provide audit trail for each piece and package.

LONGFORD INTERNATIONAL

Client: Direct Mail Fulfillment House (With multiple locations and a single call centre)

Mandate: Design and produce turnkey fulfillment system that is able to overwrap printed media product during the morning shift and then collate, stack and strap the product during the evening shift.



System Specifications

18 x C700 feeders

(Surge Feeding allows high output at very low linear speed)

OEM Partners

Kodak/Scitex

Shanklin

SIC Barcodes

LONGFORD SOLUTION:

Custom bi-directional (east/west) fulfillment system, incorporating print-on-demand, in-line imaging (Kodak/Scitex), in-line shrinkwrapping and postal sortation system.

LONGFORD INTERNATIONAL

Client: Paper Board Manufacturer

Mandate: Provide solution for collating various patterns of consumer tissue boxes so that the feeder gets very large variety of products in each pallet (skid).



System Specifications

1 x ADX Heavy Duty Conveyor

1 x Custom Stacker/Transfer

1 x ADX Incline Jogger Assembly

1 x Flat Belt Discharge Take Away Conveyor

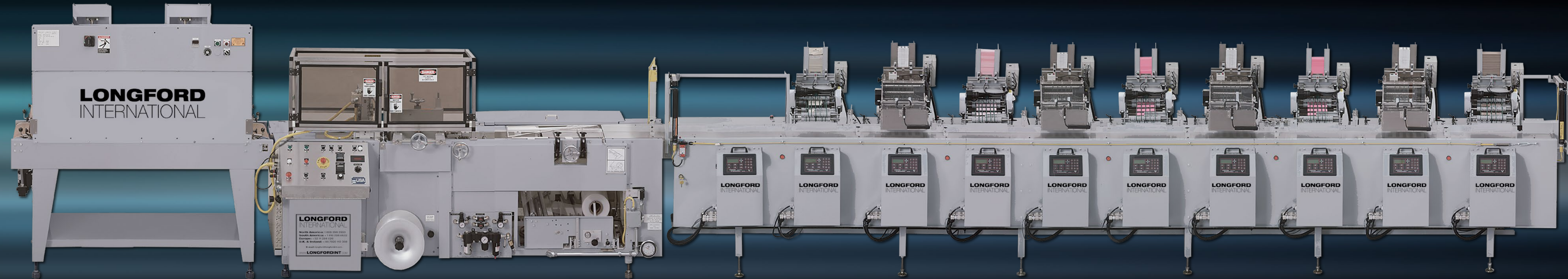
LONGFORD SOLUTION:

Design/build, install (11) station collator that feeds (or batch counts) flat tissue cartons, collates and stacks in square pile ready for folder gluer system. Line functions in heavy paper dust environment and was designed to function 24/7.

LONGFORD INTERNATIONAL

Client: Direct Mail Fulfillment House (With multiple locations and a single call centre)

Mandate: Design/build a custom batch collator and fulfillment system to accommodate different denominations of stamps or currency.



System Specifications

4 x B855 Stamp/Currency Feeders
4 x C700 Slip Sheet Feeders

1 x Longford ADX Custom Conveyor that overwraps in west direction and stacks/bands in east direction

OEM Partners

Arpac Shrinkwrapper

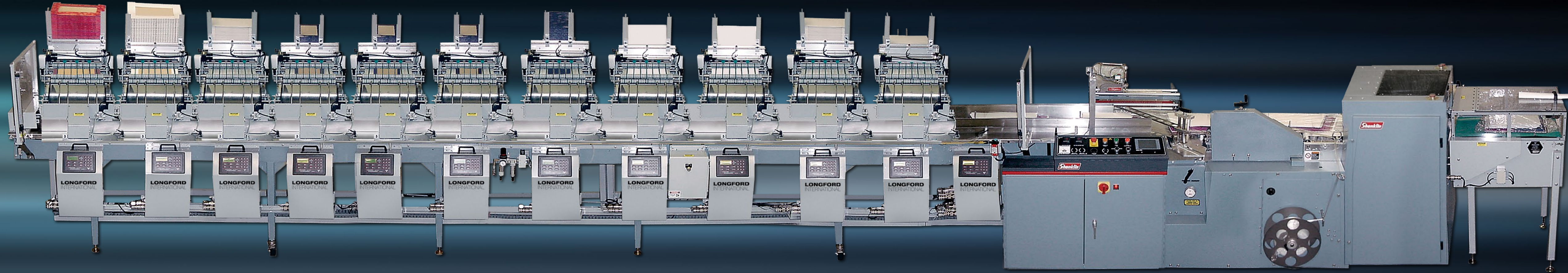
LONGFORD SOLUTION:

Provide batch counters for the different denominations and a single feeder for slip sheets to feed, batch count and package the stamps or currency to prepare them for the shrinkwrapping process. The package must be perfectly square upon entrance and exit of the shrinkwrapper.

LONGFORD INTERNATIONAL

Client: Multinational Paper Box Supplier

Mandate: Automatic current manual operation to bring labour costs down and ensure packaging quality, collation pattern.



System Specifications

11 x Model B750 Heavy Duty Feeders

1x Longford E19 Line Control & Encoder

1 x Longford E19 Policing Control To Encoder

OEM Partners

Shanklin

LONGFORD SOLUTION:

Design/build a heavy duty fulfillment system that can collate and sequence of packagers and can run with three operators.

LONGFORD INTERNATIONAL

Client: Graphic Art Print House

Mandate: Provide a custom system that produces finished matte framed posters, ready for sale in art and specialty stores.

System Specifications

2 x C750 Wide Format Feeders
1 x VC200 Vacuum Feeder
1 x Longford ADX Heavy Duty Conveyor

OEM Partners: Nordson Glue System, Weber Print and Apply Labellers



LONGFORDSOLUTION:

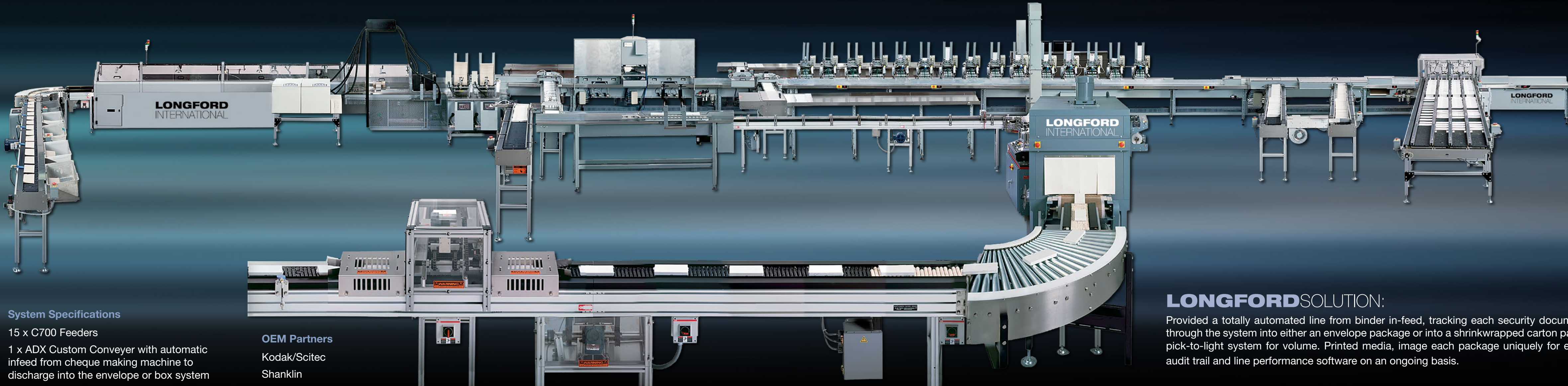
Design/build and install a complete turnkey large format poster collation and tipping system. A C750 feeds the large (up to 36"x40") backer card in the dual lugged conveyor, glue is applied across the backer card and the poster is tipped on using a VC200 vacuum feeder. The tipped on posters have glue applied to the outside edges and the matte frame is tipped on using another C750 feeder. The finished prints are then labelled and ready for sale.

LONGFORD INTERNATIONAL

Client: Large Security Printer

Mandate: Design/build a turnkey system for book fulfillment with no human involvement from cheque binder to mail stream.

Build all within a 4500 square foot (400sq/metres) existing facility.



System Specifications

- 15 x C700 Feeders
- 1 x ADX Custom Conveyer with automatic infeed from cheque making machine to discharge into the envelope or box system
- 1 x Custom Pick-To-Light System

OEM Partners

- Kodak/Scittec
- Shanklin

LONGFORD SOLUTION:

Provided a totally automated line from binder in-feed, tracking each security document and other printed media through the system into either an envelope package or into a shrinkwrapped carton package. Incorporate a custom pick-to-light system for volume. Printed media, image each package uniquely for each client. Provide complete audit trail and line performance software on an ongoing basis.

LONGFORD INTERNATIONAL

Client: Media Publisher for PDA, Laptops, Mobile Phones, Blackberries, iPods etc.

Mandate: Provide system to decrease labour costs substantially & ensure proper collation sequence.



System Specifications

8 x C700 Feeders

1 x Custom Conveyor

1 x Custom Transfer Device

OEM Partners

Label Aid

LONGFORD SOLUTION: Design/build custom system that collates printed media, transfers to hand packing station for inspection into custom secure bags. Transfer onto flat belt conveyor for labelling and placement into packaging station. The system is approximately 1800 square feet.

LONGFORD INTERNATIONAL

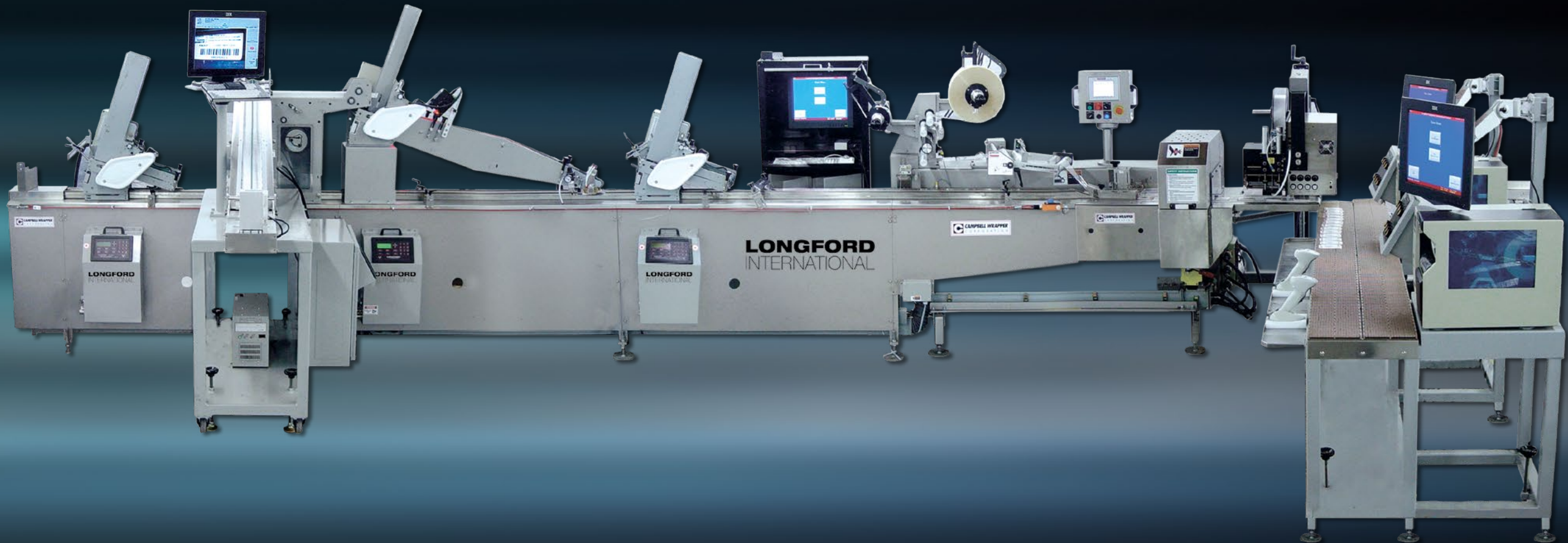
Client: Large Security Print, Direct Mail House

Mandate: Provide a custom system that verifies, counts, collates and packages pre-paid phone cards. The system must have a full closed loop audit trail for complete package integrity and full individual card, package and tray content verification and labelling.

System Specifications

1 x B350 Batch Count Feeder
2 x C700 Literature Feeders
1x Longford Industrial Line Controller
1x Manual Work Station

OEM Partners: Videk Vision System, Weber Print and Apply Labellers



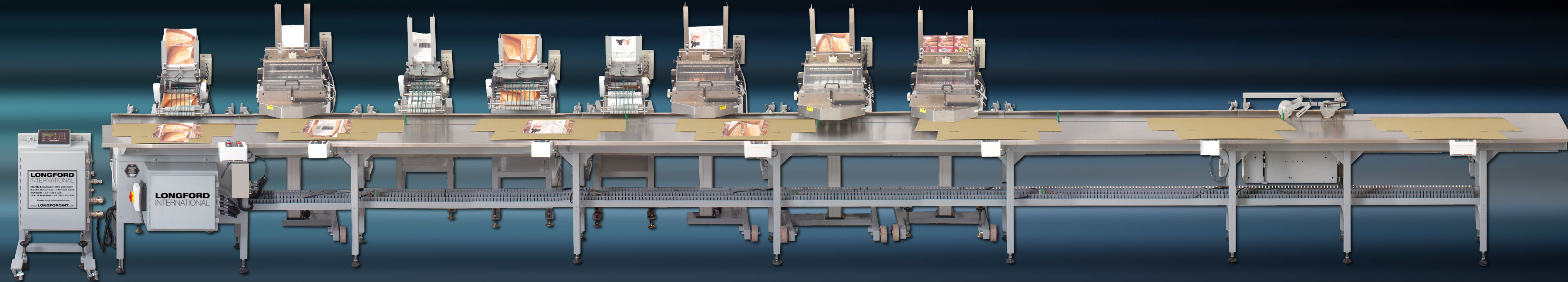
LONGFORD SOLUTION:

Design/build and install a complete turnkey pre-paid telephone card verification and fulfillment system. The system feeds the pre-paid phone cards using the B350 series feeder with extended capacity autoloader, each card has either a human readable number or a bar code verified using an inline vision system. The read information is compared to a database, checked for sequence, print quality and count using the Longford industrial line controller. The completed sets are flow wrapped and secure labeled with package content. The system provides a full closed loop audit trail of all cards and products being produced.

LONGFORD INTERNATIONAL

Client: Custom Printer of Retail Signage and Posters

Mandate: Automatic process to take the huge labour costs out of the cost equation. System must be modular and scalable.



System Specifications

4 x C700W Feeders For Sheets

4 x B850 Batch Feeders For Counting Multi Sheet Product

1 x Custom Longford ADX Conveyor

1 x E19 Controller

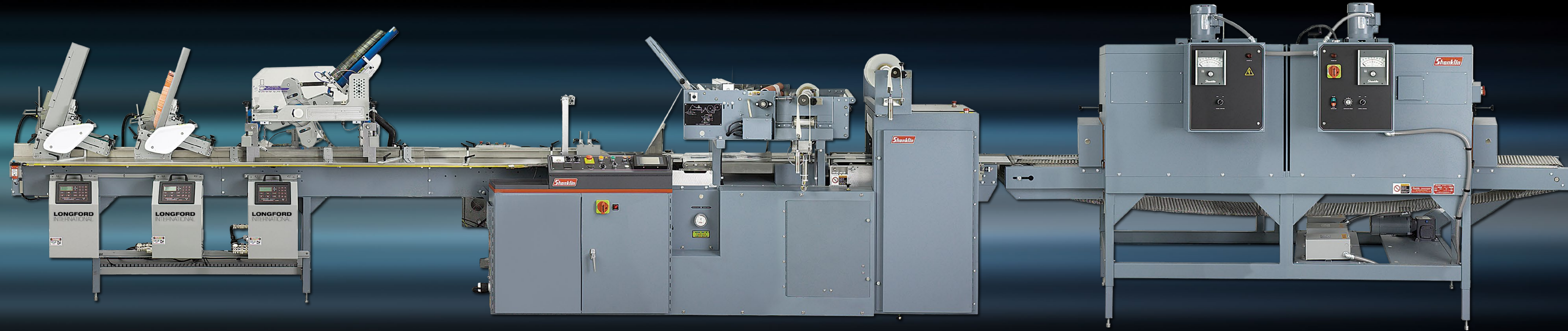
LONGFORD SOLUTION:

Provide turnkey line that feeds the master cardbox carrier, collates printed media such as retail signs and posters, readies the pack for distribution to the retail stores and outlets.

LONGFORD INTERNATIONAL

Client: Multinational CD/DVD Publisher

Mandate: Design/build turnkey packaging to collate print media and over wrap the products for distribution to retailers.



System Specifications

2 x C700 Feeders

1 x RP700 Rotary Placer

1 x Longford E19 Line Control & Encoder

LONGFORD SOLUTION:

Three station collator that feeds, fulfills printed media and CD's from jewel case (- or not) and transfers into shrink wrap infeed.

LONGFORD INTERNATIONAL

Client: World's Largest Pilot Chart Publisher

Mandate: Design/build turnkey collator, fulfillment system that feeds, collates, stacks maps (charts) for fulfillment to pilots and airlines. Needs to run 4500 pph

System Specifications

20 x C700 Feeders
1 x Longford ADX Conveyer
1 x Custom Stacker



LONGFORD SOLUTION:

Provide twenty (20) station collator that feeds, counts collated the charts, stacks in neat take-away piles for further packaging and marketing.

LONGFORD INTERNATIONAL

Client: Security Card Manufacturer

Mandate: Provide turnkey solution to mail credit card and club cards that allows flexibility, scalability and does not have royalty rates or trailer fees attached to ownership.

System Specifications

2 x C350 Feeders
1 x Custom Card Affixing System
1 x Flat Belt Vacuum System
1 x E19 Line Controller

OEM Partner: Nordson



LONGFORD SOLUTION:

Design/build turnkey system that allows client to offer one to four cards selectively per carrier at up to 28,000 cards per hour (up to 7000 carriers per hour). Folds, carries with cards and prepares for marketing.

LONGFORD INTERNATIONAL

Client: Small Direct Mail Company

Mandate: Design/build a turnkey packaging system within a tight financial budget that is both flexible and scalable.

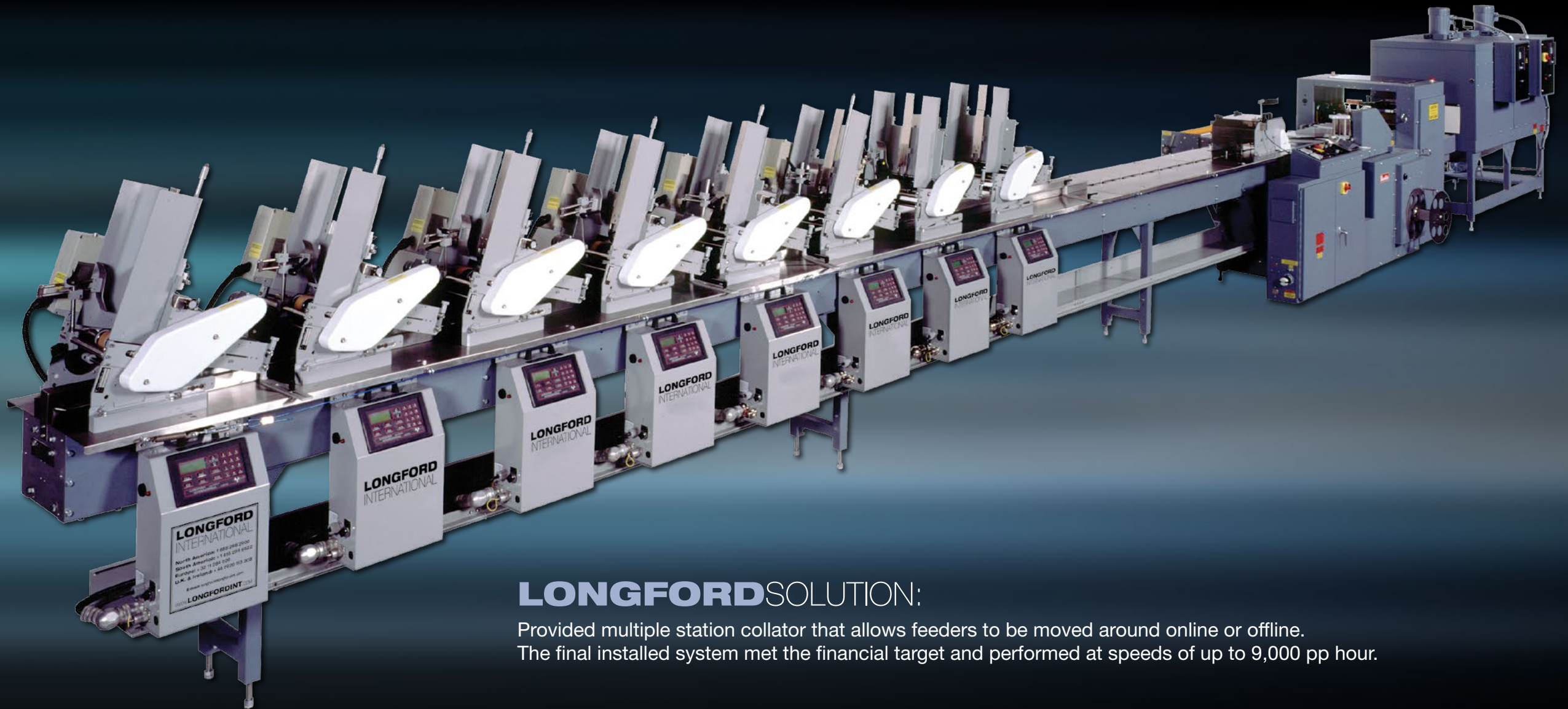
System Specifications

8 x C700 Feeders

1 x Longford ADX Custom Conveyer with automatic infeed from cheque making machine to discharge into the envelope or box system

1 x Longford E19 Policing Control & Encoder

OEM Partner: Shanklin



LONGFORD SOLUTION:

Provided multiple station collator that allows feeders to be moved around online or offline.
The final installed system met the financial target and performed at speeds of up to 9,000 pp hour.

LONGFORD INTERNATIONAL

Client: Multinational Paper Box and Carton Manufacturer

Mandate: Collation, packaging of greeting cards and envelopes into boxes and shrink wrapping.



System Specifications

2 x C700W12 feeders
2 x B855 Batch counters for incomplete packages

1 x E19 Policing Control

OEM Partner

Sealed Air/Shanklin

LONGFORD SOLUTION:

Design/build a turnkey line that feeds, collates and shrinkwraps the box sets, inline rejects allow the line to run continuously, while rejecting any short packs.

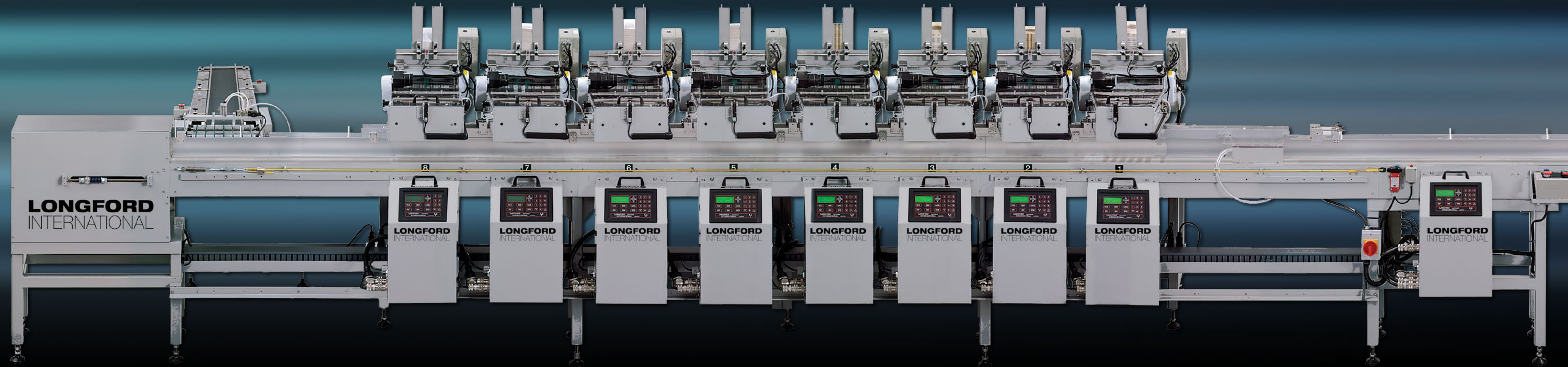
LONGFORD INTERNATIONAL

Client: Household Name Greeting Card Manufacturer

Mandate: Design/build a custom collator and boxing line for greeting cards, business cards, direct mail and accompanying envelopes.

LONGFORD SOLUTION:

Incorporating an automated in feed, a box gluing section, transfer the open top boxes through the line and allow the batch feeders to feed and drop off the collated set of cards and envelopes into the box automatically. The set then exits the line to be stacked offline or inline to a shrinkwrapper.



System Specifications

- 8 x B700A Batch Feeder
- 1 x Longford ADX Custom Conveyer
- 1 x Longford ADC Flat Belt In-Feed

LONGFORD INTERNATIONAL

Client: Software Publishing Fulfillment and Logistics Company (With worldwide operations In 18 countries)

Mandate: Design/build a modular, flexible system that is able to collate, fulfill and (optionally) overwrap printed media, software collateral ready for distribution.

LONGFORD SOLUTION:

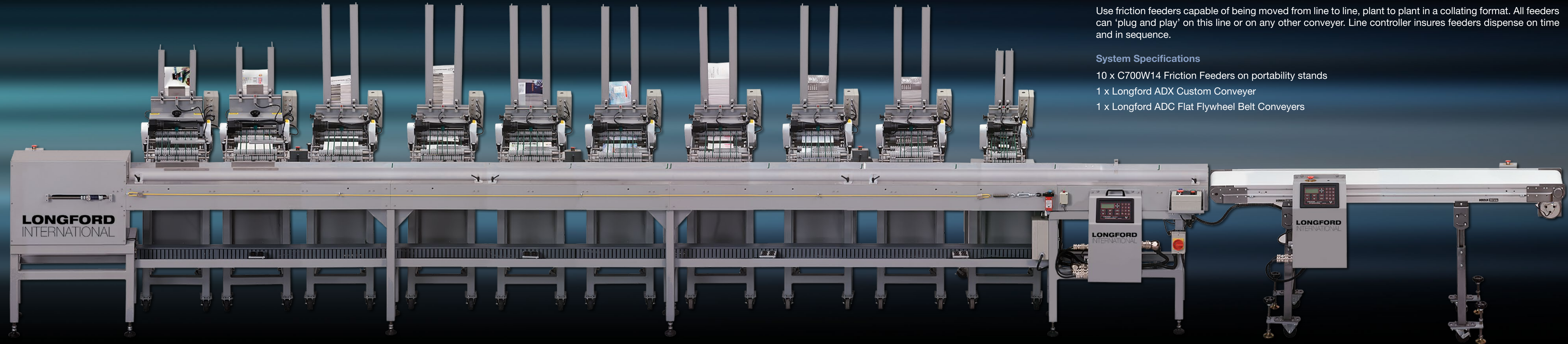
Use friction feeders capable of being moved from line to line, plant to plant in a collating format. All feeders can 'plug and play' on this line or on any other conveyer. Line controller insures feeders dispense on time and in sequence.

System Specifications

10 x C700W14 Friction Feeders on portability stands

1 x Longford ADX Custom Conveyer

1 x Longford ADC Flat Flywheel Belt Conveyers



LONGFORD INTERNATIONAL

Client: Financial Institution (Bank Processing Centre)

Mandate: Design/build a Custom Cheque Return System

System Specifications

4x Custom BD700

1x BR900 Bander

1x Industrial Controller

OEM Partners: - Videk – KAS Kern



LONGFORDSOLUTION:

Provide a custom turnkey line that feeds and image captures each cheque and matches it with the client control sheet. Band each package using a shrink band and transfer it into a third party envelope system.

LONGFORDINTERNATIONAL

Client: Mid-Sized Commercial Printer

Mandate: Automate in-feed with shrinkwrap system and replace 5 operators with 1 hopper loader. Automate product in-feed with shrinkwrap system and reduce labor force from 5 operators to 1.

System Specifications

3 x B855 w14 Size: 3 x 3 (A4)
1 x Longford E19 Policing System

Speed: Up to 20 batches of 25 (A4) sheets per minute



LONGFORDSOLUTION:

Provide (3) B855 batch counters with inline jogging systems, capable of high speed feeding, counting and dropping on shrinkwrap in-feed, a variety of printed media.

LONGFORD INTERNATIONAL

Client: Custom Greeting Card Provider

Mandate: Automatic custom packaging line to allow 'merging' of hang tags and back line cards to ready for retail distribution.

System Specifications

- 1 x C350
- 1 x Custom Flat Belt Conveyor
- 1 x Custom 90° Exit Shingling System
- 1 x Turn Over Conveyor

OEM Partner: Nordson



LONGFORDSOLUTION:

Provide turnkey system that allows automatic infeed of main sticker product, aligns the product, address adhesive to the substrate and affixes the hanger tab. Then clamps the pieces together. Provide 90° exit alignment system at end of line.

LONGFORDINTERNATIONAL

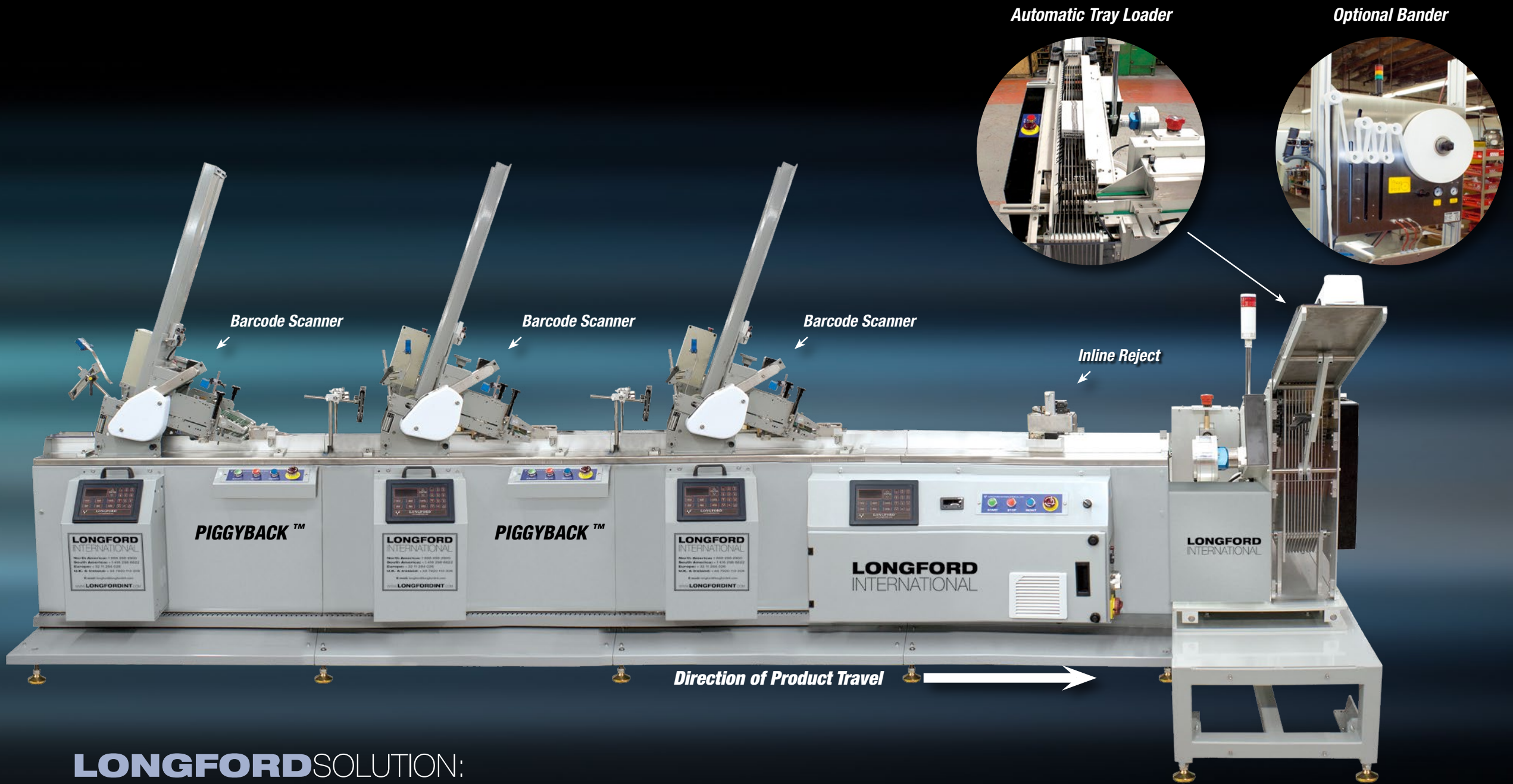
Client: Niche Market Pharmaceutical Printer

Mandate: Design/build, install custom collating/tipping package multi-folded (up to 120 page) outserts.
Sets must be verified to confirm bar code is accurate and rejected if inaccurate.

System Specifications

3 x C350 Feeders
1 x Longford ADC Conveyor
1 x Up Stacker/Tray Loader

OEM Partners: Nordson – Robatech – HHS



LONGFORDSOLUTION:

Piggyback™ system incorporating three custom C350 feeders each with a bar code scanner. Inline conveyor with rejector with 'up stacks' of the exit that allows client to automatically load trays, prepare for end pharma client usage.

LONGFORDINTERNATIONAL

Client: Lottery Ticket Printer

Mandate: Provide a custom system that reads a bar code on a stack of scratch and win lottery tickets as they come of the press. Perform a data base look up and print and apply a top sheet card (either flat or folded) and apply it to the proper stack, verify that the information on the tickets matches the printed information on the top sheet.

Specifications:

1 x C700 Custom Exit Feeder

1 x Alignment Section

1 x Vacuum Transport Conveyor

1 x Longford Custom Fold Section

1 x Lake Image Verification System

OEM Partners: Domino Printers, Lake Image Systems

- 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)**



LONGFORD SOLUTION:

Design, build and install a complete turnkey read/print and verify system. The system reads the bar code on the stack of tickets, tracks the stack as it travels along the parent system. At the proper time signals the feeder to dispense the top sheet into an alignment section and print the information retrieved from the customer's data base. Fold the top sheet if required and dispense the sheet onto the proper stack of lottery tickets. Verify that the printed information matches the bar code on the tickets and transfer to a shrink wrapper. The system is capable of speeds up to 200 ppm.

LONGFORD INTERNATIONAL

ELECTRICAL OPTIONS

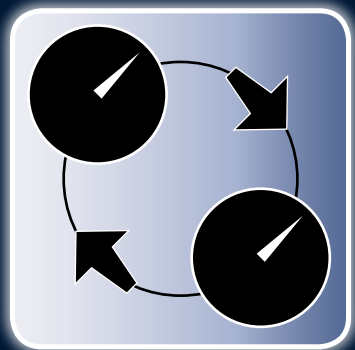
All Longford feeders are available with numerous electrical options to fit any application or requirement.

OPTIONS INCLUDE:



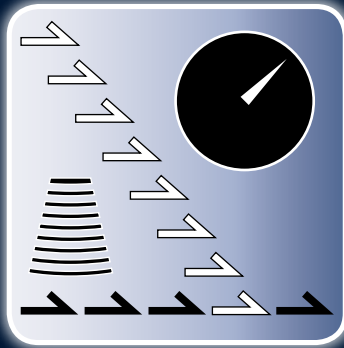
Double Detection

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



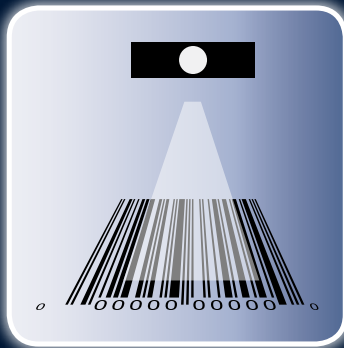
Speed Following

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.

LONGFORD INTERNATIONAL

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

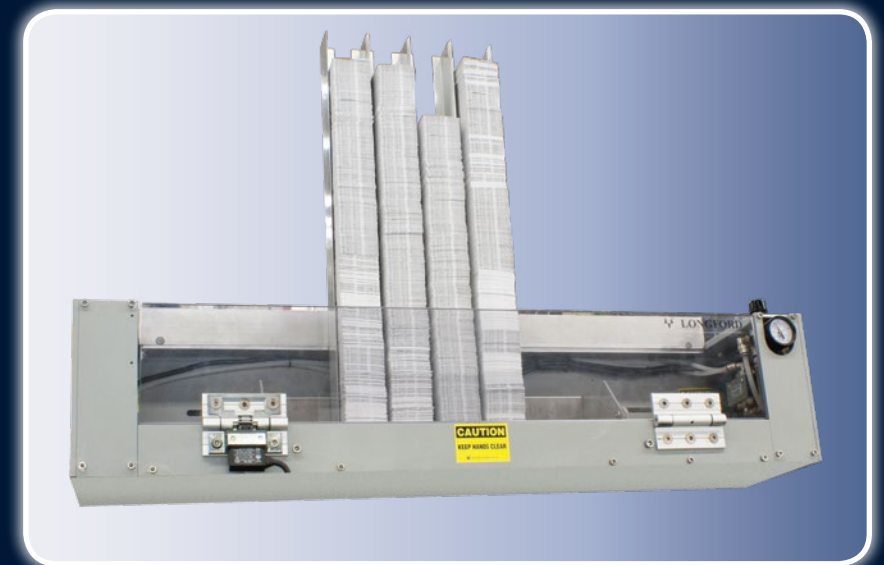
Can be utilized to ensure product integrity and allow for 100% validation of product. The inline product reject can be used as part of a Longford turnkey system or on an individual feeder.

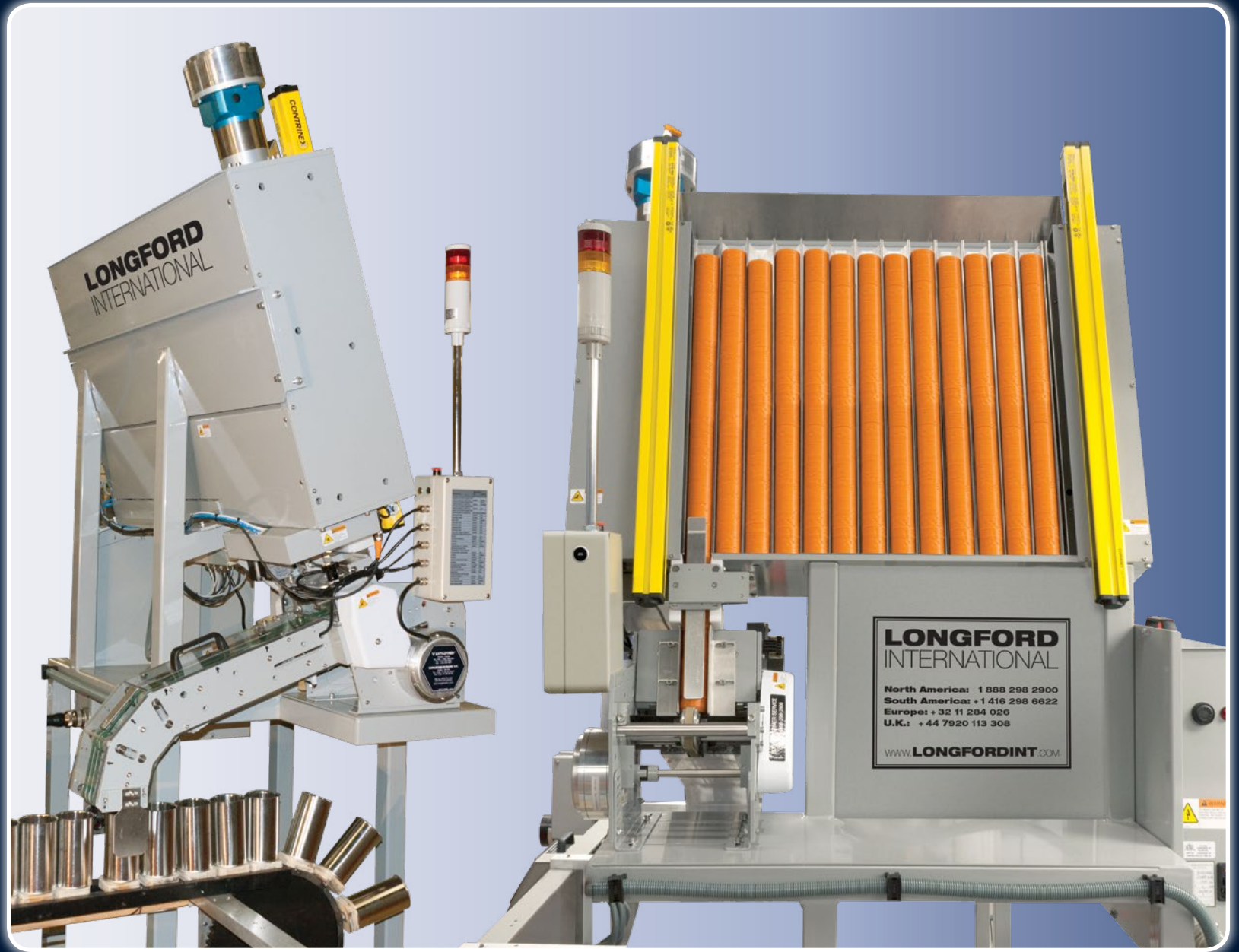


Multiple Lane Magazines

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

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.

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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 data base look-up (either from the customer's server or from a down loaded data base) 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.

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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



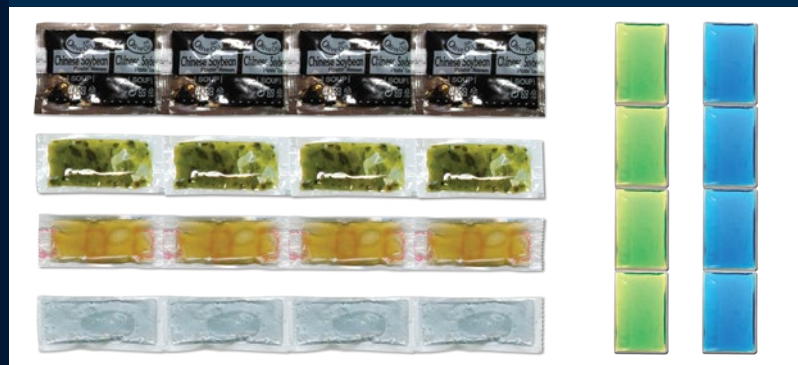
DRY POUCHES



**DRY POUCHES
(IN BANDOLIER)**



LIQUID POUCHES



**LIQUID POUCHES
(IN BANDOLIER)**



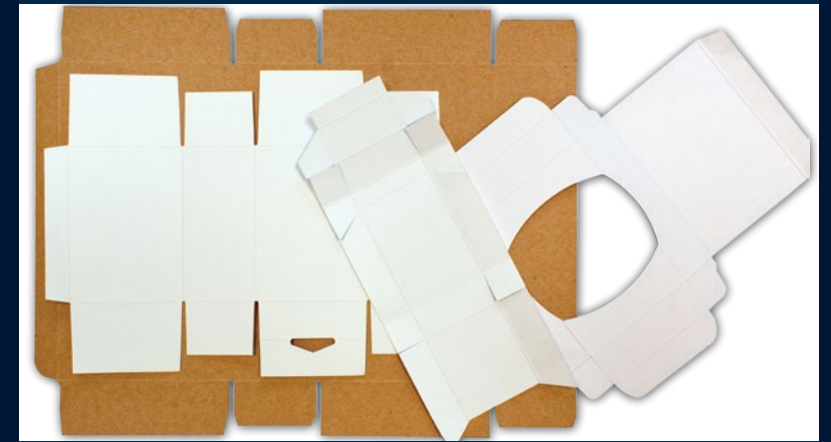
SACHETS



SECURITY PRINT PRODUCTS



CDs/DVDs



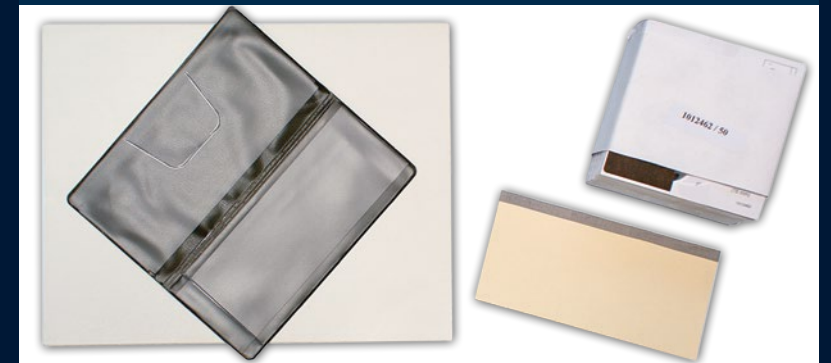
CARTON BLANKS



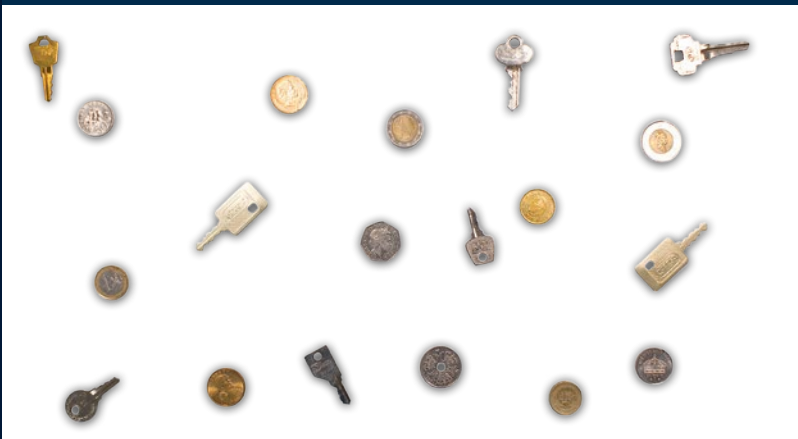
FLAT BOXES



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



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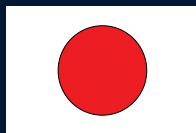
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To See Our Systems In Action