

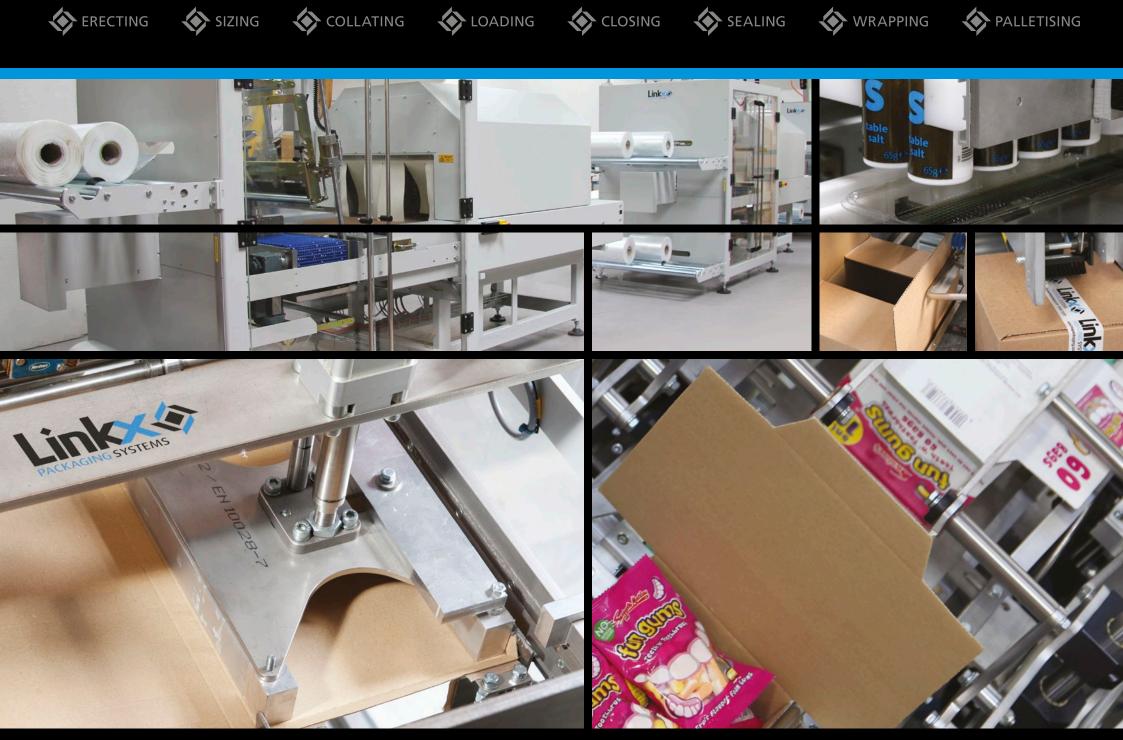


SIZING 🞸 COLLATING 🞸 LOADING 🞸 CLOSING 🞸 SEALING 🞸 WRAPPING



PALLETISING

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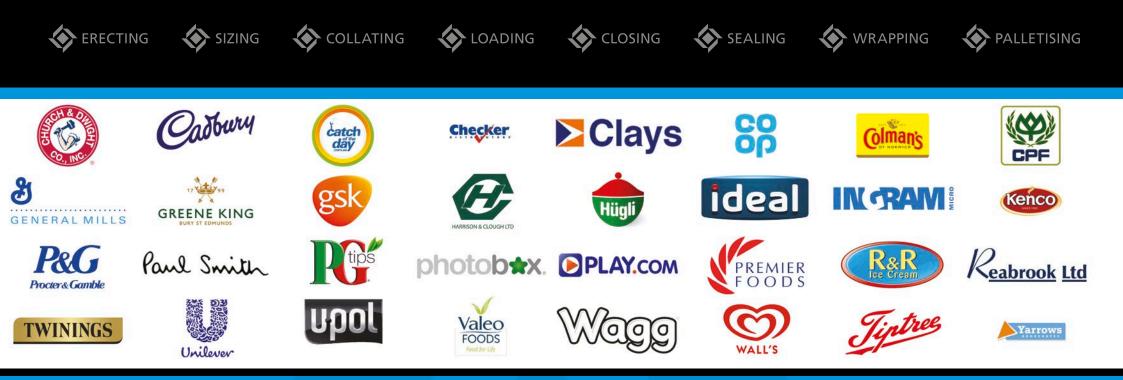
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Barry Dunne of Unilever says: "Viennetta is a very important product for us and we had no hesitation in appointing Linkx to help improve the operations on one of the biggest production lines in the plant. The bespoke pick and place tray systems have made massive improvements in both reliability and safety as well as being easy to use and maintain"



Bryan Jones for Müller says: "The Linkx Tray Erector has been a welcome addition to our facility. It's flexible, easy to maintain and operate, making it the ideal option. The unit has proven to be a cost effective and reliable addition" At Linkx Packaging Systems we design and manufacture a wide range of secondary transit and shelf ready packaging equipment. We have a full range of standard standalone packaging machines, which can be customised and integrated to suit your specific product and packaging needs.

Our customer base is wide ranging, with machinery designed around the core principals of reliability, flexibility and performance. Our typical industry base ranges from food to homecare and pharmaceuticals in manufacturing, B2B to B2C dispatch in ecommerce and warehousing.

At our UK base we develop, design and manufacture packaging machinery, based around standard proven equipment, to suit specific secondary packaging requirements. Our experienced engineering team are on hand to supply new standard and bespoke equipment as well as upgrades to your existing packaging equipment, and local service support.

Our team of service engineers are on hand to back up any equipment supplied, with local support, remote VPN diagnostics and service contracts if required.

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The tray and carton erector range work from a flat die cut board blank and automatically erect a range of trays and cartons at up to 60 cycles per minute on a single head machine.

The machines are designed for easy, repeatable size changing in a compact footprint. Typical tray and carton types are low walled, high walled, shelf ready, 90 degree corners and mitered tray corners, pizza style cartons, crash lock. Fibre board and fluted corrugate typical Fefco styles 0300, 0301, 0415 and 0420, the system can be adapted to suit most 03 and 04 fefco styles.

#### FEATURES AND BENEFITS

- **Compact design for small footprint production environments**
- Low cost, high specification modular construction for future upgrades and specification changes
- Simple and quick size change facility for faster set up times
- Simple, clear controls for ease of operator use and reduced downtime
- Elear guard panels for ease of production monitoring and safety
- Remote diagnostic capabilities.

#### MODEL RANGE AT A GLANCE

Model	Speed CPM	Closure	Tray Type	Max Blank Size	Technology	DWG
TFP500	Up to 30	Glue	FEFCO	500mm <sup>2</sup>	Pneumatic	LS-18331
TFS500	Up to 60	Glue	FEFCO	500mm <sup>2</sup>	Servo	LS-18331
TFP750	Up to 20	Glue	FEFCO	750mm²	Pneumatic	LS-18340
TFS750	Up to 50	Glue	FEFCO	750mm²	Servo	LS-18340
TFP1000	Up to 15	Glue	FEFCO	1000mm <sup>2</sup>	Pneumatic	LS-20649
TFS1000	Up to 25	Glue	FEFCO	1000mm <sup>2</sup>	Servo	LS-20649
TFP750-P	Up to 15	Glue	Produce Tray	750mm²	Pneumatic	LS-18340
TFS750-P	Up to 25	Glue	Produce Tray	750mm <sup>2</sup>	Servo	LS-18340
TFP1000-P	Up to 10	Glue	Produce Tray	1000mm <sup>2</sup> Pneumatic		LS-20649
TFS1000-P	Up to 20	Glue	Produce Tray	1000mm <sup>2</sup>	Servo	LS-20649







The case/carton erector range work from a flat pre-folded and glued board, and automatically erect into cases/cartons at up to 20 cycles per minute on a single head machine. The machines are designed for easy, repeatable size changing in a compact footprint.

Typical case/carton types standard RSC and HSC or Fefco 0200 and 0201. Options for either hot melt glue or taping to seal the base of the case/carton. The patented design is capable of handling both left and right hand erected boards for simplicity and flexibility.

For warehousing applications where multiple sizes of dispatch cartons are required, we have a range of patented multi head machines for 'on demand' carton erecting.

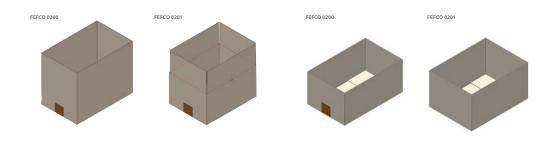
#### FEATURES AND BENEFITS

- Servo technology for accurate carton assembly and repeatable changeovers
- In the second se
- Improved package presentation and security through automation
- Remote diagnostic capabilities.

#### MODEL RANGE AT A GLANCE

Model	Footprint Handling	Closure	Size Min	Size Max	Speed *	DWG
CF600-T	Single	Erect/Fold/Tape	250x200	750x500	15-20/min	LS-26316
CF600-G	Single	Erect/Fold/Glue	250x200	750x500	15-20/min	LS-26316
CF600-T2	Twin	Erect/Fold/Tape	250x200	750x500	15-20/min	LS-22222
CF600-G2	Twin	Erect/Fold/Glue	250x200	750x500	15-20/min	LS-22222

\*Speed is dependent on box blank dimensions.







Linkx Packaging Systems supply a range of standard and bespoke product collating and handling equipment to suit specific product requirements.

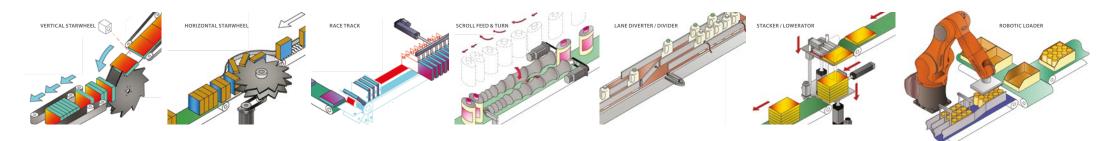
Using standard modules we can divide, turn, upend, stack and group individual products into specific collation formats prior to loading, wrapping and palletising.

All systems are fully integrated with both servo and robotic systems to suit your requirements. Typical products include, but are not limited to, food cartons, bottles, cans, jars, books, bags, sachets, tubs and pots.

#### MODEL RANGE AT A GLANCE

Model	Function	DWG
Vertical Star wheel Collator	Stands products on edge – typically for cartons presented in a shelf ready format	LS-22021
Horizontal Star wheel Collator	Turns products through 90 degrees – typically oval bottles, tubs and cartons	LS-22022
Race Track Collator	High speed product collating – typically for bags, sachets and cartons	LS-22023
Scroll Feed and Turn	Can be used as a product feed or turning mechanism – typically oval bottle and tubs	LS-22024
Lane Diverter / Divider	To split a single lane of product into multi lanes – typically used for bottles, jars, cans, tubs and pots	LS-23589
Stacker / Lowerator Collator	Product stacking – typically used for cartons, books, sachets, bags	LS-23587
Robotic Loader	Picking and place loading of products into cartons, cases – end effectors or grippers to suit product	LS-23591

\*Speed dependant on product and product format







The shrink wrappers in our range are design for heavy usage, 24/7 operation. The standard machines work from two reels of film and are suitable for stable and trayed products, with the servo machine running at up to 30 cycles per minute.

Models are available in both inline linear (L) and right angle feed (R). With the addition of product collators the machines can be adapted to run unsupported products in multiple formats.

All machines are modular, extremely flexible with quick changeovers and easy lace film system. For higher speed requirements > 30 packs per minute, we have the single roll (SR) wrappers which cut a length of film which is wrapped around the product with an overlap seal on the underside of the pack.

Automatic film splicing units are available on all models.

#### FEATURES AND BENEFITS

- Operator and Engineer friendly
- Reduced downtime for size and film changes
- Easy lace film technology
- Faster set up times with touch screen control
- Suitable for all production environments
- Open design for easy access with clear guard panels
- Remote diagnostic capabilities.

#### MODEL RANGE AT A GLANCE

Model	Speed/min	Feed	Max Fim Size	<b>Product Height</b>	Technology	DWG
RP500	up to 22	Right Angle	Width + 2/3 Height < 450mm	300mm Max.	Pneumatic	LS-21731
RP750	up to 22	Right Angle	Width + 2/3 Height < 700mm	300mm Max.	Pneumatic	LS-21732
RP1000	up to 22	Right Angle	Width + 2/3 Height < 950mm	300mm Max.	Pneumatic	LS-21733
LP500	up to 22	Inline	Width + 2/3 Height < 450mm	300mm Max.	Pneumatic	LS-21734
LP750	up to 22	Inline	Width + 2/3 Height < 700mm	300mm Max.	Pneumatic	LS-21735
LP1000	up to 22	Inline	Width + 2/3 Height < 950mm	300mm Max.	Pneumatic	LS-21736
RS500	up to 30	Right Angle	Width + 2/3 Height < 450mm	300mm Max.	Servo	LS-21731
RS750	up to 30	Right Angle	Width + 2/3 Height < 700mm	300mm Max.	Servo	LS-21732
RS1000	up to 30	Right Angle	Width + 2/3 Height < 950mm	300mm Max.	Servo	LS-21733
LS500	up to 30	Inline	Width + 2/3 Height < 450mm	300mm Max.	Servo	LS-21734
LS750	up to 30	Inline	Width + 2/3 Height < 700mm	300mm Max.	Servo	LS-21735
LS1000	up to 30	Inline	Width + 2/3 Height < 950mm	300mm Max.	Servo	LS-21736
MATRIX	up to 30	Inline	Width + 2/3 Height < 600mm	300mm Max.	Servo	LS-21737
SR750	up to 50	Inline	Width + 2/3 Height < 700mm	300mm Max.	Servo	LS-21738





The carton closers come in a few different formats, for chocolate box type cartons we have the single flap folder with glue closure, the wraparound style board we have the three flap closure with glue closure.

For the RSC or Fefco 0201 style cases we have the centrefold case closers with either tape or glue closure or the random size machine in the same format, more suited to ecommerce and warehouse operations.

The random machine will take multiple sizes of RSC cases, fold and seal without the need for size changing.

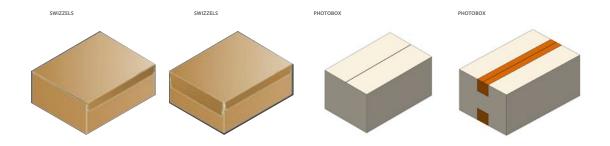
MODEL RANGE AT A GLANCE

Model	Speed CPM	Concept	Closure	Tray Type	Max Case Size (WxHxL mm)	Technology	DWG
CC500-TF	up to 30	Auto	Glue	0406/0410	To Suit	Servo	LS-21816
CC500-SF	up to 30	Auto	Glue	0420/0415	To Suit	Servo	LS-19410
CC600-FT	up to 30	Auto	Таре	0420/0415	600x400x400	Servo	LS-26317
CC600-FG	up to 30	Auto	Glue	0420/0415	600x400x400	Servo	LS-26317
CC600-RT	up to 30	Auto/Random	Таре	0420/0415	600x400x400	Servo	LS-26317
CC600-RG	up to 30	Auto/Random	Glue	0420/0415	600x400x400	Servo	LS-26317

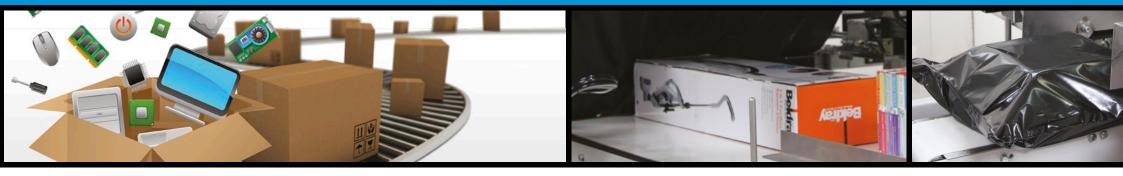
All machines can be adapted to suit case size range.

#### FEATURES AND BENEFITS

- Compact design with flexible carton / case range
- Simple size change facility for faster set up times
- Simple, clear controls for ease of operator use and reduced downtime
- Open design for easy access
- Remote diagnostic capabilities.







Our E commerce and warehouse dispatch systems include automatic box erecting, sizing, closing and bagging systems, either fully integrated with conveying, print and apply, check weighing, and leaflet insertion, or standalone.

The systems are designed around our range of patented random footprint Boxsizers and on demand box erectors and bagging systems. We can supply a simple semi-automatic packing station to reduce labour, to a random footprint box sizing system, which will automatically reduce the volume of multiple size boxes, fed randomly, at 15 cycles per minute, this reduces material costs, transportation costs and labour costs.

#### FEATURES

- Save on transport costs
- Save on material costs
- Future proof your dispatch
- Save on labour costs
- Save on investment costs
- Reduce carbon footprint.

#### BAGSIZER MODEL RANGE AT A GLANCE

Model	Speed/min*	Closure / Concept	Max Film Width	Technology	DWG
BG-R1000	Typical 10	Bag Random	up to 1000mm	Servo	LS-19465

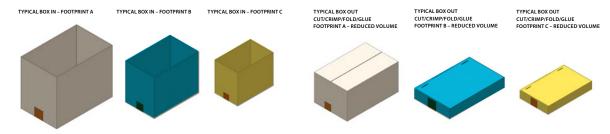
#### BOXSIZER MODEL RANGE AT A GLANCE

Model	Box Footprint	Closure / Concept	Max Footprint	Speed *	DWG
BX-R600-FG		Cut/Crimp/Fold/Glue/Tape	750x500	12-15/min	LS-23796
BX-R600	Random HSC or 0200	Cut/Crimp	750x500	12-15/min	LS-25815
BX-F600-L	Random HSC or 0200	Lid	750x500	12-15/min	LS-23796

\*Speed is dependent on box dimensions.

Additional closure options available including: lidding, strapping and bagging.

#### TYPICAL BOX INFEED / OUTFEED WITH RANDOM SIMULTANEOUS FOOTPRINT SIZES







The Compact Gantry Palletisers are designed to meet modern production environments where space is a constraint and the need for potential future expansion is a consideration. Its modular design allows the introduction of pallet conveyors with single and twin pallet and pick positions.

With a simple change over facility, and easy to use touchscreen pallet set up, machines can accommodate both Euro or Chep Pallets. The machine can run at speeds of up to 10 cycles per minute, picking either singles or multi packs with the flexible vacuum or gripper pick up heads.

#### MODEL RANGE AT A GLANCE

Model	Speed/min	Concept	Pick up Points	Load Positions	Max Load	Max Pallet Height	End Effector*	DWG
GP-P1	up to 10 CPM	Semi-auto	1	1	15Kg	1800mm	Vacuum/Gripper	LS-21115
GP2-P1	up to 10 CPM	Semi-auto	1	2	15Kg	1800mm	Vacuum/Gripper	LS-21729
GP2-P2	up to 10 CPM	Semi-auto	2	2	15Kg	1800mm	Vacuum/Gripper	LS-21116
GP2-C2-P1	up to 10 CPM	Automatic	1	2	15Kg	1800mm	Vacuum/Gripper	LS-21117
GP-C1-PD-P1	up to 10 CPM	Automatic	1	1	15Kg	1800mm	Vacuum/Gripper	LS-21118

\*Other grippers are available to suit product type

PADDI E GRIPPER

#### FEATURES AND BENEFITS

- Compact design for small footprint production environments
- Tow cost, high specification modular construction for future pallet and layer pad automation
- Touchscreen pallet pattern software for easy pallet program set up
- Simple, clear controls for ease of operator use and reduced downtime
- Clear open design for easy machine access.



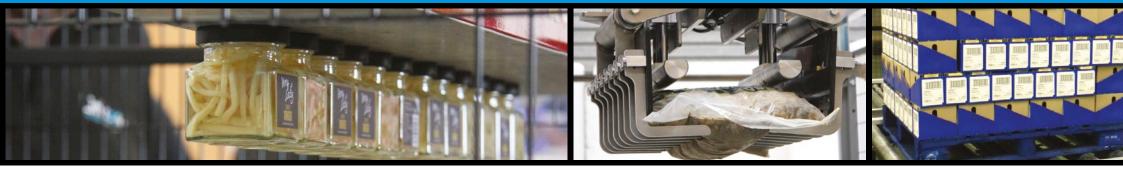
VACUUM GRIPPER



IAW GRIPPER







The robot palletiser systems are modular in construction for reliable and flexible palletising solutions. The robotic palletiser can palletise single or multiple products onto multiple pallets, with layer pad, pallet handling and pallet stretch wrapping.

Gripper or end effectors are designed to suit products from single large bags to multiple small cartons, on both Euro and Chep pallets. Robots vary from 40Kg to 180Kg payloads (payload must include end effector weight).

#### FEATURES AND BENEFITS

- Flexible palletising with single or multiple pick product end effectors
- Pallet programming software available as an option
- Simple and quick size change facility for faster set up
- Multiple cell formats with layer pad, pallet handling and pallet wrapping
- Pick multiple products to multiple pallets.

VACUUM GRIPPER



PADDI E GRIPPER



GANTRY GRIPPER

#### MODEL RANGE AT A GLANCE

Model	Speed/ min*	Concept	Pick up Points		Max Load	Max Pallet Height	End Effector <sup>+</sup>	DWG
RP-KR40-P1	up to 20	Semi-auto	1	1	40Kg	1800mm	Vacuum/Gripper	LS-21085
RP2-KR40-P1	up to 20	Semi-auto	1	2	40Kg	1800mm	Vacuum/Gripper	LS-21086
RP2-KR40-P2	up to 20	Semi-auto	2	2	40Kg	1800mm	Vacuum/Gripper	LS-21087
RP2-KR40-C2-P1	up to 20	Automatic	1	2	40Kg	1800mm	Vacuum/Gripper	LS-21088
RP-KR40-C1-PD-P1	up to 20	Automatic	1	1	40Kg	1800mm	Vacuum/Gripper	LS-21090
RP-KR120-P1	up to 20	Semi-auto	1	1	120Kg	1800mm	Vacuum/Gripper	LS-21085
RP2-KR120-P1	up to 20	Semi-auto	1	2	120Kg	1800mm	Vacuum/Gripper	LS-21086
RP2-KR120-P2	up to 20	Semi-auto	2	2	120Kg	1800mm	Vacuum/Gripper	LS-21087
RP2-KR120-C2-P1	up to 20	Automatic	1	2	120Kg	1800mm	Vacuum/Gripper	LS-21088
RP-KR120-C1-PD-P1	up to 20	Automatic	1	1	120Kg	1800mm	Vacuum/Gripper	LS-21090
RP-KR120-C1-PP-P1	up to 20	Automatic	1	1	120Kg	1800mm	Vacuum/Gripper	LS-21089
RP-KR180-P1	up to 20	Semi-auto	1	1	180Kg	1800mm	Vacuum/Gripper	LS-21085
RP2-KR180-P1	up to 20	Semi-auto	1	2	180Kg	1800mm	Vacuum/Gripper	LS-21086
RP2-KR180-P2	up to 20	Semi-auto	2	2	180Kg	1800mm	Vacuum/Gripper	LS-21087
RP2-KR180-C2-P1	up to 20	Automatic	1	2	180Kg	1800mm	Vacuum/Gripper	LS-21088
RP-KR180-C1-PD-P1	up to 20	Automatic	1	1	180Kg	1800mm	Vacuum/Gripper	LS-21090
RP-KR180-C1-PP-P1	up to 20	Automatic	1	1	180Kg	1800mm	Vacuum/Gripper	LS-21089

\*Depending on gripper and product type. <sup>†</sup>Other grippers available to suit product type.



Richard Howse, Maintenance Supervisor, Rowse Honey says: "Rowse Honey are extremely pleased with the new shrink-wrap machines purchased from Linkx. The installation went well and machine efficiencies have met our targets. The machines have contributed to a rise in OEE on each production line they have been installed into."



packaging marketing requirements, Linkx Matrix Collator/Shrink Wrapper internal diagnostics counter read over 20.7 million collations, which totals over 145 million cartons since it's installation in 2009 and has only needed minimal service and scheduled breaks in production." Tom Whatling, Linkx Technical Sales Manager

"During a recent size change parts upgrade, to accommodate new

Our engineering division has been set up to benefit our existing and new customers with service, support, modifications and upgrades to existing equipment, or new bespoke equipment.

This improves efficiencies and productivity in the primary and secondary packaging processes.

Our services range from bespoke systems, product redundancy and safety upgrades to engineering and service support packages, all supported and guaranteed by our UK engineering team.

For more information please call to talk to our experienced engineering team. T: +44 (0)1502 713777 E: info@linkx.co.uk www.linkxpackaging.com















# **LINKX** ENGINEERING

Our Engineering team are on hand to support and assist with upgrades to a multitude of packaging equipment.

**Our services include:** 



Refurbished Machines

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PALLETISING

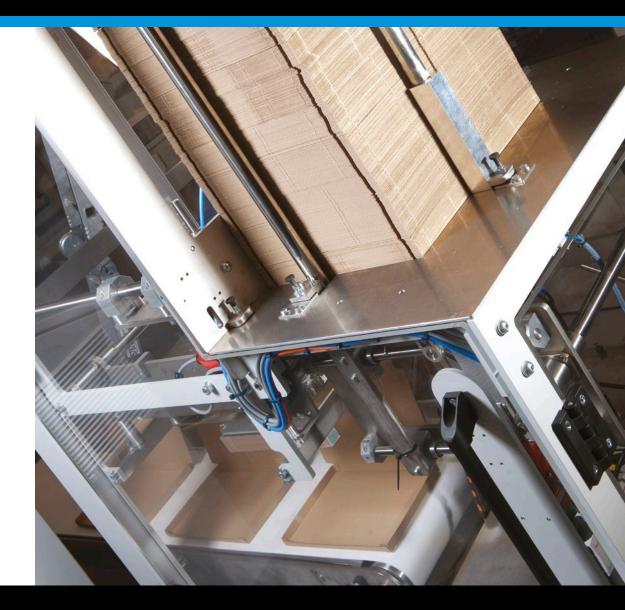


Linkx Packaging Systems provides a range of secondary transit packaging equipment, tailored to suit our customer's individual requirements, backed up by our engineering and support team to supply a full range of packaging equipment, integration and engineering services.

For more information on our product ranges and services, please contact us on:

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