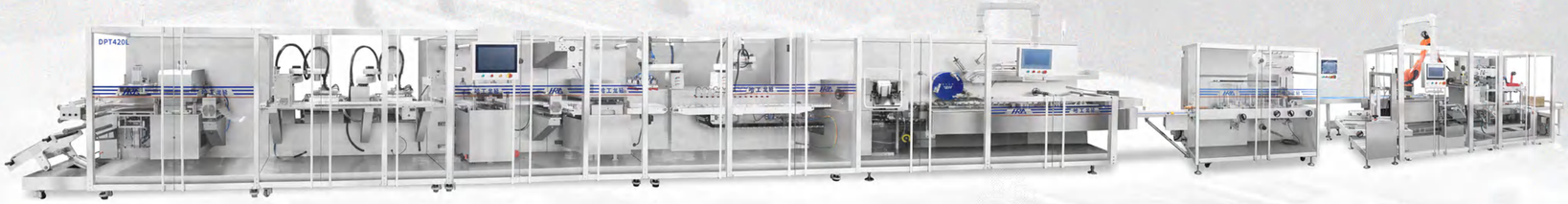
Blister Packing,Cartoning,Bundling and Robotic Case Packing Line

DPT420-300L

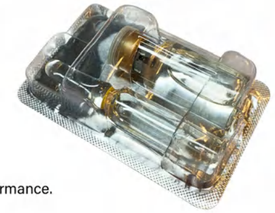
We provide intelligent packaging equipment and "Smart Factory" solutions across the board.





Description

With easily visible open balcony design and modular concept, DPT420-300L is applicable to blister packing, cartoning, bundling, and case packing of vials, ampoules, powder injections, oral liquids, medical devices, cells, and cosmetics.
An across-the-board solution covering the whole process of primary packaging, secondary packaging and tertiary packaging.
Shockproof vase-shaped pockets are particularly suitable for injectables and oral liquids. Servo drive allows intelligent integration and high-speed performance.



Features







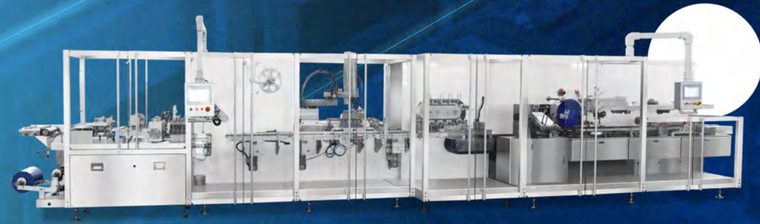
- Siemens PLC and HMI touch screen displaying operating parameters and malfunctions allow intuitive operation as well as fast and accurate troubleshooting.
- A comprehensive solution addresses the entire process of primary packaging, secondary packaging and tertiary packaging.
- In-built world-class key electrical components.
- Digital, intelligent, net-worked, and integrated.
- Overload monitoring system minimizes damages. The machine will stop automatically and the overloading part will be displayed on the touch screen.

Parameters

Model		DPT420-300L
Blister module	Punching speed	20-40 strokes/min
	Max. format area	415×240mm
	Stroke range	Standard≤60-150mm (customizable≤240mm)
	Scope of application	vials, ampoules, electronics, cosmetics
	Packing materials	PVC/PVDC Max. width: 420mm thickness:0.15-0.50mm
	Max. forming depth	25mm (customizable≤45mm)
	Heating power	PVC pre-heating plates:2×5; laminating heating power:4KW
	Main motor power	3KW
	Cooling water consumption	Tap water /Chiller
	Noise	40-70dB
Cartoner module	Carton size (L×W×H)	(70-210)×(33-108)×(17-65)mm
	Leaflet size (L×W)	(100-180)×(100-280)mm
	Leaflet quality	60-65/m^2
	Output	150-330 cartons/min
	Main motor power	2.2KW
Bundling machine module	Bundle size (L×W×H)	(100-250)×(80-180)×(60-120)mm
	Packing material	PE film width:45-80mm thickness:60-80um
	Output	35-40 bundles/min
	Power supply	220V/50Hz
	Power	5KW
	Compressed air	0.6-0.8Mpa
Case packer module	Case size (L×W×H)	(300-550)×(200-400)×(200-350)mm (customizable)
	Loading speed	⩾10 placements/min
	Power supply	380V 50Hz
	Power	8KW
Air pump	Compressed air	0.5-0.8Mpa
	Flow	＞0.2m^2
Power supply	220V 50Hz/380V 50Hz	
Motor Frequency	0-50Hz	
Weight	12000kg	
Total power	36.8Kw	
Air consumption	500L/min	
Certificates	ISO9001:2000; CE	
Based on standard configurations while machine can be customized.		

HGDLY
龙延智能

Our across-the-board packaging solutions will make your factory smarter



● Blister Packing and Cartoning Machine

DPT350+ZHJ200

HGDLY

Blister Packing and Cartoning Machine

DPT350+ZHJ200



Description

With easily visible open balcony design and modular concept, DPT350+ZHJ200 is applicable to packaging vials, ampoules, injectables (powder), oral liquid or large-sized and unusually-shaped blisters for pharmaceutical products, medical appliances, electronics (cells) and cosmetics. Servo drive allows intelligent integration and high-speed performance.







We provide intelligent packaging equipment and "Smart Factory" solutions across the board.

Features

Blister module

- Main synchro mechanism and main motor installed back side makes maintenance easy. Timing belt transmission reduces noise and oil stains.
- Workstation can be adjusted by handwheel with digital display.
- Segmental pre-heating results in better forming effects. Heating plates can be separated and displaced after shutdown to avoid damage to packing materials.
- Traction mechanism controlled by servo motor renders stable performance and accurate synchronization.
- Film splicing and joining station facilitates faster changeover of packing materials.
- Robotic feeding ensures accurate placement of product without damaging blisters.

Cartoner module

- ZHJ200 is a state-of-the-art photoelectric, pneumatic and mechanical machine.
- User-friendly PLC+HMI with photoelectric detection.
- The code and address of each sensor actuator help trace the consequences caused by malfunctions.
- Overload monitoring system minimizes damages. The machine will stop automatically and the overloaded part will be displayed on the touch screen.



Parameters

Model		DPT350+ZHJ200
Blister module	Punching speed	20-40 strokes/min
	Packaging materials	PVC/PVDC Max. width: 350mm thickness: 0.15~0.50mm
	Scope of application	vials, ampoules, cartridges, bottles, electronics, etc.
	Max. forming depth	25mm (≤45mm for customization)
	Max. forming area	150×345mm
	Stroke range	Standard ≤150mm (Customizable ≤250mm)
	Power supply	380V 50Hz
	Total power	9KW
	Compressed air	0.5~0.7MPa
	Cooling water consumption	Tap water/Chiller
	Noise	40-70dB
	Dimensions(L×W×H)	4800×1170×2100mm
	Weight	3000Kg
Cartoner module	Carton size (L×W×H)	Max:210×108×65mmMin:70×20×16mm
	Leaflet size (L×W)	(100-180)×(100-280)mm
	Leaflet specifications	60-65g/m^2
	Output	60-200 cartons/min
	Main motor power	2.2KW
Motor frequency		0-50Hz
Certificates		ISO9001:2000, CE
Warranty		1 year
Based on standard configurations while machine can be customized.		

Hefei HRG Seelong Import & Export Group Co., Ltd. (www.hrgseelong.com) is the second-tier subsidiary of HIT (Harbin Institute of Technology) Robot Group (hereinafter HRG, www.hrgrobotics.cn), an intellectual and technological powerhouse fueling the development and innovation of robotics and its related industries within and outside China.

HRG Seelong's parent company, Hefei HRG Longyan Intelligent Equipment Co., Ltd. (www.hrgly.com), located in Hefei Intelligent Equipment Technology Park with high-tech industry clusters, is committed to providing best-possible "smart factory" solutions, upmarket intelligent equipment, end-of-line packaging automation, robotic material handling system integration and application, and other customized automation equipment for pharmaceutical, food, cosmetic, chemical and feed industries. The main products include

- Blister Packing Machine
- Tray Making and Loading Machine
- Cellophane Overwrapping Machine
- AGV (Automated Guided Vehicles)
- Logistics and Warehousing System
- Robots
- Palletizing System
- Case Erector and Sealer
- Automatic Cartoning Machine (Cartoner)
- Automatic Bundling Machine (Stretch Bander)
- All-in-one Case Packer (Case erecting loading and sealing in one machine)

Our approach to making inroads into untapped markets and cementing existing presence overseas is to foster and deploy local agents to interact with the native clients, working together for win-win outcomes in a synergistic ecosystem.

Join us!

HGDLY | Seelong

Contact: hrgseelong@hrgseelong.com
Add: 11th Floor, Building A3, No. 3963 Susong Road, Economic Development Zone, Hefei, China
TEL:0086 551-6363 6590/6363 6703

合肥哈工子龙进出口集团有限公司



Automatic Cartoner

ZHJ-300

We provide intelligent packaging equipment and "Smart Factory" solutions across the board.



Description

Continuous Cartoner ZHJ300 is a high-tech product integrating technologies of photo electronics, pneumatics and mechanics. Designed for multiple sizes of bottles and leaflets, it is also applicable to loading and packing bar-shaped products, ointments and sachets into cartons.

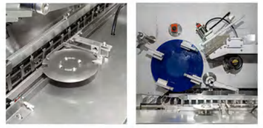


Features

- Easily visible open balcony design and continuous back pushing with 21 groups of pushing shafts.
- SEW main motor and timing-belt main drive ensures transmission efficiency, low noise, and durability.
- The width of the conveyor belt is adjustable according to the product specifications at the front of the line.
- Adjusting the pusher and the widths of product and carton beyond the machine allows easy access and spacious maneuver.
- The carton magazine can be lifted overhead for convenient commissioning.
- Picking up cartons by multiple suction heads ensures more efficient automatic carton forming and loading. 500-1000 cartons can be stored in the magazine.
- Various inspection devices are in place to reject cartons without product or leaflet, or those failed to be locked and sealed.

Parameters

Model	ZHJ-300
Output	150~260 cartons/min (bottles)
Carton size(L×W×H)	(210-70)×(145-20)×(80-16)mm
Main motor power	2.2KW
Dimensions(L×W×H)	4810x1720×1750mm
Weight	2500Kg
Power supply	380V/50Hz
Compressed air	0.6~0.8MPa
Total power	4KW
Air consumption	260L/min
Noise	≤75dB
Based on standard configurations while machine can be customized.	



High-speed Cartoner

ZHJ-500



Description

Continuous Cartoner ZHJ500 is a state-of-the-art machine integrating technologies of photo electronics, pneumatics and mechanics, applicable to loading and packing a wide range of blisters, bottles, ointments and sachets into cartons, with a high level of automation.

Features

- World's top branded products for electrical components (vide configuration list).
- Siemens or Schneider HMI displays both running parameters and malfunctions. It is intuitive to operate.
- Ubiquitous user-friendly designs such as safety guard doors protecting operators.
- Overload monitoring systems for the whole machine, conveyors, and pushers. The machine will stop automatically if overload happens and the problem will be displayed on the touch screen.
- The machine will stop and alarm for three consecutive absences of leaflet or missing a carton.
- Simple machine adjustment instead of format changeover for products within a certain range of size.

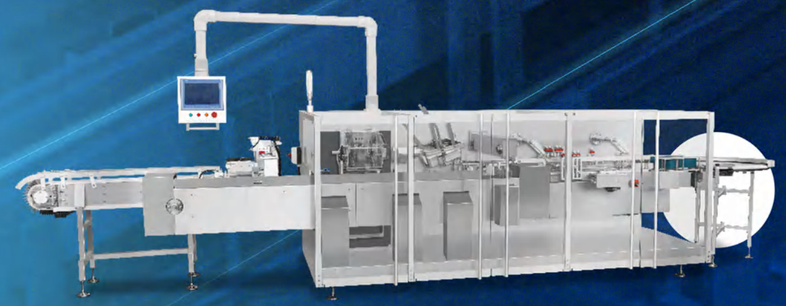
Parameters

Model	ZHJ-500
Output	300-450 cartons/min
Carton size(L×W×H)	(70-260)×(35-100)×(16-80)mm
Main motor power	2.2KW
Dimensions(L×W×H)	4850×1720×1750mm
Weight	3500Kg
Power supply	380V/50Hz
Compressed air	0.6~0.8MPa
Total power	4KW
Air consumption	260L/min
Noise	≤75dB
Based on standard configurations while machine can be customized.	



HGDLY
龙延智能

Our across-the-board packaging solutions will make your factory smarter



• Automatic Cartoner

ZHJ60T

Automatic Cartoner
ZHJ-60T



Description

Intermittent Cartoner ZHJ-60T is a high-tech product incorporating technologies of photo electronics, pneumatics and mechanics. The model features collating and packing heterogeneous large-sized products, such as sachets, steaks and big bottles, into cartons in daily chemical, food, electronic and pharmaceutical industries.

Features

- Key electrical components of the world's top brands ensure stable operation under high-speed conditions.
- HMI touch screen displaying operating parameters and malfunctions allows intuitive operation as well as fast and accurate troubleshooting.
- User-friendly and operator-safe design.
- Overload monitoring system minimizes damages. The machine will stop automatically and the overloaded part will be displayed on the touch screen.
- Multiple layers of detection and protection. The machine will stop or reject the carton in case of product missing or leaflet absence.
- Simple adjustment in lieu of format changeover for products within a certain range of size.

Parameters

Model	ZHJ-60T
Output	40-80 cartons/min
Carton size(L×W×H)	(210-70)×(145-20)×(80-16)mm
Leaflet size(L×W)	(90-650)×(60-350)mm
Main motor power	1.5kw
Servo power	0.4kw
Machine size	3373×1228×1392mm
Machine weight	2000kg
Power supply	380V/50Hz
Working air pressure	0.6–0.8MPa
Total power consumption	2.5kw
Air consumption	200L/min
Noise	⩽70dB
Based on standard configurations while machine can be customized.	

Description

Intermittent Cartoner ZHJ-100B features multiple servo feeding, integrating photoelectric, pneumatic and mechanic properties, applicable to packing tablets, facial masks (linings), drug bottles, lotions, cosmetics and other similar products into cartons. Out-of-stock and short-of-stock alerts in the carton and lining magazines where buzzer alarms when the inventory falls to the lower limit. Both magazines can hoard up to 600 cartons and lining cardboards. The timing belt for feeding is equipped with detection device. With a clip-type carton placing mechanism, cartons won't be rubbed and scratched. It can also be integrated with other modules such as bundling machine, cellophane wrapper or case packer to achieve streamline production.

Automatic Lotion/ Facial Mask Cartoner
ZHJ100-B



Features

- With PLC+HMI and top branded servo motors, the machine features easy format changeover, high speed, stable performance, and accurate motion. It is intuitive to operate even by an inexperienced operator.
- The cartoning speed and output counts will be shown on the touch screen.
- User-friendly and operator-safe design.
- Automatic detection system in place, the machine automatically detects and locates the shutdown for failures such as missed product, misplaced product, and unopened cartons.
- Malfunctions alarm and display, with troubleshooting on the touch screen.

Parameters

Model	ZHJ-100B
Output	40-80 cartons/min
Carton size(L×W)	2920mm×1140mm×1880mm (Lining mechanism included:5580mm×1440mm×1880mm
Carton size(L×W)	(80-200)×(30-120)×(25-100)mm
Carton specifications	300-350g/m² white cardboard
Power supply	380V 50HZ
Total power	11KW
Compressed air	0.6-0.8MP
Air consumption	5-20L/min
Weight	750Kg
Air consumption	15L/min
Vacuum level	-0.08Mpa
Based on standard configurations while machine can be customized.	

Automatic Cartoner
ZHJ-120D



Description

Intermittent Cartoner ZHJ-120D is a high-tech photoelectric, pneumatic and mechanical machine, applicable to blisters, drug bottles, cosmetics and other similar products. Fully automatic leaflet folding, carton opening, product and leaflet loading, batch mark embossing, carton sealing and discharging. A chain of protective devices ensures safe and efficient operation.

Features

- World's top branded products for electrical components (vide configuration list).
- Siemens or Schneider HMI displays both running parameters and malfunctions. It is intuitive to operate.
- Ubiquitous user-friendly designs such as safety guard doors protecting operators.
- Overload monitoring systems for the whole machine, conveyors, and pushers. The machine will stop automatically if overload happens and the problem will be displayed on the touch screen.
- The machine will stop and alarm for three consecutive absences of leaflet or missing a carton.
- Simple machine adjustment instead of format changeover for products within a certain range of size.

Parameters

Model	ZHJ-120D
Output	300-450 cartons/min
Carton size(L×W×H)	(70-260)×(35-100)×(16-80)mm
Main motor power	2.2KW
Dimensions (L×W×H)	4850×1720×1750mm
Weight	3500Kg
Power supply	380V/50Hz
Compressed air	0.6~0.8MPa
Total power	4KW
Air consumption	260L/min
Noise	⩽75dB
Based on standard configurations while machine can be customized.	

Hefei HRG Seelong Import & Export Group Co., Ltd. (www.hrgseelong.com) is the second-tier subsidiary of HIT (Harbin Institute of Technology) Robot Group (hereinafter HRG, www.hrgrobotics.cn), an intellectual and technological powerhouse fueling the development and innovation of robotics and its related industries within and outside China.

HRG Seelong's parent company, Hefei HRG Longyan Intelligent Equipment Co., Ltd. (www.hrgly.com), located in Hefei Intelligent Equipment Technology Park with high-tech industry clusters, is committed to providing best-possible "smart factory" solutions, upmarket intelligent equipment, end-of-line packaging automation, robotic material handling system integration and application, and other customized automation equipment for pharmaceutical, food, cosmetic, chemical and feed industries. The main products include

- Blister Packing Machine
- Tray Making and Loading Machine
- Cellophane Overwrapping Machine
- AGV (Automated Guided Vehicles)
- Logistics and Warehousing System
- Robots
- Palletizing System
- Case Erector and Sealer
- Automatic Cartoning Machine (Cartoner)
- Automatic Bundling Machine (Stretch Bander)
- All-in-one Case Packer (Case erecting loading and sealing in one machine)

Our approach to making inroads into untapped markets and cementing existing presence overseas is to foster and deploy local agents to interact with the native clients, working together for win-win outcomes in a synergistic ecosystem.

Join us!

HGDLY | Seelong

Contact: hrgseelong@hrgseelong.com
Add: 11th Floor, Building A3, No. 3963 Susong Road, Economic Development Zone, Hefei, China
TEL:0086 551-6363 6590/6363 6703

合肥哈工子龙进出口集团有限公司



T300 **Series Cellophane Overwrapper**

With automatic feeding, wrapping, cellophane folding, heat sealing, counting and easy-tear tape attaching, the Cellophane Overwrapper T300 series is widely used in cellophane wrapping of single or multiple cuboid products in pharmaceutical, cosmetic, health care, food and other industries.

Stable process and firm sealing make the products nicely presented, moisture-and-dust proof, and tamper-evident. It will immediately upgrade the wrapped product to a higher class, increasing added value.

The machine has incorporated advanced packaging technologies. Compact structure makes it easy to operate and service, suitable for overwrapping products of various specifications by changing only a few parts. It is applicable to large cuboid products, multiple products and the products requiring code tracking, such as packets of cigarettes, boxes of tea, boxes of chewing gum, medicines, cosmetics, and health products.

We provide intelligent packaging equipment and "Smart Factory" solutions across the board.







Side-sealing Cellophane Overwrapper

T350A

Parameters

Model	T350A
Wrapping size (L×W×H)	Max:350×200×120mm Min:60×50×20mm
Wrapping speed	25-30 packs/min
Power supply	380V/50Hz
Power consumption	6KW
Compressed air pressure	0.6Mpa
Weight	≈700Kg
Dimensions (L×W×H)	2180×1000×2000mm
Conveying dimensions (L×W×H)	1150×250×750mm
Based on standard configurations while machine can be customized.	



Side-sealing Cellophane Overwrapper

T350B

Parameters

Model	T350B
Wrapping size (L×W×H)	Max:300×200×120mm Min:60×50×20mm
Wrapping speed	30-35 packs/min
Power supply	380V/50Hz
Power consumption	6KW
Compressed air	0.6Mpa
Weight	≈700Kg
Dimensions (L×W×H)	2120×880×2100mm
Conveying Dimensions (L×W×H)	1150×250×750mm
Based on standard configurations while machine can be customized.	

HGDLY
龙延智能

Our across-the-board packaging solutions will make your factory smarter



• Bundling Machine

K180

HGDLY

Bundling Machine
K180



Description

K180 automatically counts, stacks and bundles multiple products with PE film, saving energy and packing material to the greatest extent. It is widely used in the automatic bundling and wrapping of multiple products in pharmaceutical, food and stationary industries, particularly injectables.

Features

- Stainless steel machine body. GMP compliant. PLC+HMI control. The number of bundled products can be adjusted. Applicable to film width of 30-80mm.
- Stable process, intuitive operation, and easy maintenance. Product and format changeover takes less than 20 minutes. The machine can be used solo or be integrated with other modules.





Parameters

Model	K180
Bundle size (L×W×H)	Max: 200×130×280mm Min: 50×50×30mm
Bundling speed	8-15 bundles/min
Air exhaust	0.2m ^{3}/min
Power supply	220V/50Hz
Power consumption	1KW
Compressed air pressure	0.5-0.6Mpa
Dimensions (L×W×H)	1620×610×1550mm
Weight	250Kg
Based on standard configurations while machine can be customized.	

Bundling Machine
K400B



Description

Top-ranking by international standard. Easily visible open balcony design. In-built double-lane carton stacking mechanism. PLC + HMI with world-class electronic components. Mainly pneumatic drive allows high-speed bundling and stable process, quick format changeover with intuitive operation. The machine is mainly used in bundling of carton-packed products in food and pharmaceutical industries.

Features

- Advanced heat-sealing mechanism, non-overlapped PE film hot melt sealing and double film reeling structure maximally save packing materials and reduce cost.
- Bundling strength is adjustable. Product/ format changeover or adjustment is easy and takes only 10-20 minutes.





Parameters

Model	K400B
Bundle size (L×W×H)	Max:280×160×120mm Min:60×40×40mm
Bundling speed	18-20 bundles/minute
Bundling material	PE Thickness: 0.06-0.08mm
Power supply	220V/50Hz
Power consumption	1KW
Compressed air pressure	⩾0.6Mpa
Dimensions (L×W×H)	2050×950×1800mm
Weight	450Kg
Based on standard configurations while machine can be customized.	

Bundling Machine
K600A



Description

Easily visible open balcony design, multi-lane pre-stacking mechanism, and PLC + HMI with world class electronic components and servo drive enable high-speed bundling, stable process and easy format changeover. It is mainly used in wrapping and bundling of carton-packed products in food and pharmaceutical industries.

Features

- State-of-the-art design of structure and electronic control system. Main servo drive insulated from operation area. GMP compliant.
- Advanced heat-sealing mechanism, non-overlapped PE film hot melt sealing, and double film reeling structure save packing materials and reduce cost.
- Multi-lane pre-stacking mechanism substantially increases the speed of carton grouping and collating whereby the feeding speed can reach 200-400 cartons/min in the proceeding stage. Bundling speed is not less than 40 bundles/min.
- Bundling strength is adjustable. Products' format changeover or adjustment is easy and takes less than 10 minutes.





Parameters

Model	K600A
Bundle size (L×W×H)	Max:280×180×120mm Min:60×40×40mm
Bundling speed	38-45 bundles/min
Bundling material	PE Thickness: 0.06-0.08mm
Power supply	220V/50Hz
Power consumption	6KW
Compressed air pressure	⩾0.6Mpa
Dimensions (L×W×H)	3000×1080×1800mm
Weight	880Kg
Based on standard configurations while machine can be customized.	

Hefei HRG Seelong Import & Export Group Co., Ltd. (www.hrgseelong.com) is the second-tier subsidiary of HIT (Harbin Institute of Technology) Robot Group (hereinafter HRG, www.hrgrobotics.cn), an intellectual and technological powerhouse fueling the development and innovation of robotics and its related industries within and outside China.

HRG Seelong's parent company, Hefei HRG Longyan Intelligent Equipment Co., Ltd. (www.hrgly.com), located in Hefei Intelligent Equipment Technology Park with high-tech industry clusters, is committed to providing best-possible "smart factory" solutions, upmarket intelligent equipment, end-of-line packaging automation, robotic material handling system integration and application, and other customized automation equipment for pharmaceutical, food, cosmetic, chemical and feed industries. The main products include

- Blister Packing Machine
- Tray Making and Loading Machine
- Cellophane Overwrapping Machine
- AGV (Automated Guided Vehicles)
- Logistics and Warehousing System
- Robots
- Palletizing System
- Case Erector and Sealer
- Automatic Cartoning Machine (Cartoner)
- Automatic Bundling Machine (Stretch Bander)
- All-in-one Case Packer (Case erecting loading and sealing in one machine)

Our approach to making inroads into untapped markets and cementing existing presence overseas is to foster and deploy local agents to interact with the native clients, working together for win-win outcomes in a synergistic ecosystem.

Join us!

HGDLY | Seelong

Contact: hrgseelong@hrgseelong.com
Add: 11th Floor, Building A3, No. 3963 Susong Road, Economic Development Zone, Hefei, China
TEL:0086 551-6363 6590/6363 6703

合肥哈工子龙进出口集团有限公司



All-in-one Case Erector Loader Sealer with Palletizer

KZFM-600



Description

KZFM-600 is a mechatronic workstation of robotic case packer with palletizing module,representing the cutting-edge technology of the end-of-line packaging. The modular design allows multi-functions of automatic and non-stop case erecting, loading, sealing, labeling, strapping and palletizing in one station. The workstation integrates and streamlines the end-of-line packaging process, featuring high degree of automation, intuitive operation and small footprint. It is applicable to a broad variety of products and can be used alone or integrated with other modules to form a production line.

Features

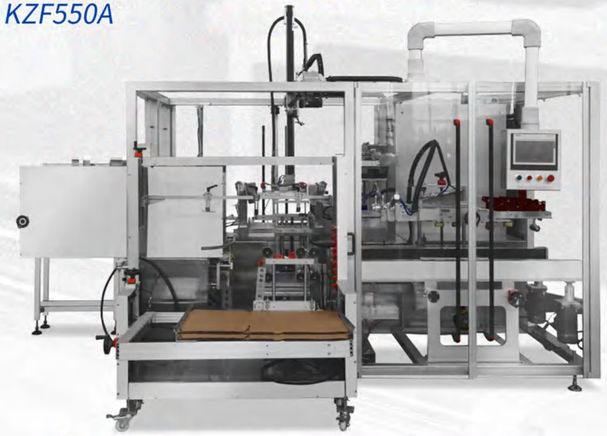
- PLC control + PC industrial computer operation allow automatic counting, stacking, case erecting, sealing, labeling and strapping.
- The robotic palletizer maneuvers its dual-purpose robot arm to complete both case loading and palletizing. The compact design allows big moves on a small footprint.
- The stacking system can be adjusted according to case size and stacking pattern.
- No less than 10 placements per minute for quick case loading.
- Servo drive for case erector ensures stable and reliable process.
- Highly compatible. Hand-wheel marked with scales for adjustment and fine-tuning.
- Alarming in place for machine malfunction, product missing, case absence or jamming.

Parameters

Model	KZFM-600
Case size (L×W×H)	(300-550)×(220-400)×(150-350)mm
Loading speed	Robot arm⩾10 placements/minute
Power supply	380V/50Hz
Power consumption	16KW (robot arm included)
Compressed air pressure	0.6Mpa
Dimensions (L×W×H)	6500x3300x2750mm
Weight	3500Kg
Max. KNF size	1200x1200mm
Based on standard configurations while machine can be customized.	

Full-servo All-in-one Case Erector Loader Sealer

KZF550A









Description

KZF-550A incorporates the state-of-the-art packaging technologies. By integrating automatic stacker, case erector, loader and sealer in one machine, it is equipped with pick & place mechanisms for interlayer cardboards and QC passes. The PLC+HMI (14 inches) operating system facilitates case erecting and loading by servo module. Applicable to automatic packing of various sizes of products. It can be used solo or integrated with other packing machines to complete end-of-line packaging.

Features

- PLC + HMI controls automatic counting, stacking, case erecting, loading and sealing.
- Automatic stacking system is adjustable according to the size of the carton and the stacking pattern.
- Not less than 10 placements per minute for quick case loading.
- Servo drive for case erector ensures stable and reliable process..
- Highly compatible. Handwheels marked with scales for adjustment and fine-tuning.
- The machine will alarm for malfunctions, product missing, case absence or jamming.

Parameters



Model	KZF550A
Case size (L×W×H)	(300-550)×(200-400)×(150-350)mm
Loading speed	Robot arm⩾10 placements/minute
Power supply	380V/50Hz
Power consumption	5.5KW
Compressed air pressure	0.6Mpa
Dimensions (L×W×H)	3650x3000x2400mm
Weight	1300Kg
Based on standard configurations while machine can be customized.	

HGDLY
龙延智能

Our across-the-board packaging solutions will make your factory smarter

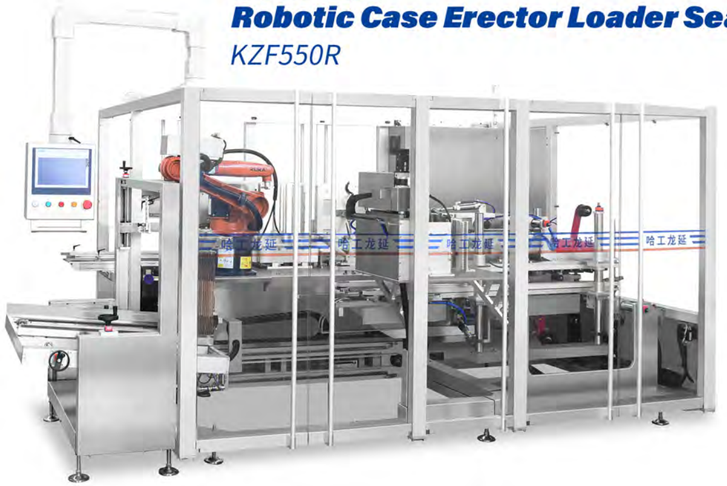


All-in-one Robotic Case Erector Loader Sealer

KZF550R

HGDLY

All-in-one
Robotic Case Erector Loader Sealer
KZF550R



Description

All-in-one Case Erector Loader Sealer KZF-550R incorporates the state-of-the-art packaging technologies. Automatic stacking and case erecting driven by servo. Loading by KUKA, Yamaha or ABB robot. Stacker, case erector, loader and sealer are integrated in one machine and controlled by PLC+HMI operating system. Applicable to automatically packing various sizes of products, it can be used alone or integrated with other modules to form a packaging line.

The machine stacks and collates the cardboard blanks according to the required numbers of products to be packed. The robot arm will pick and place the product into the case after stacking and the case will be sealed after loading. It can be equipped with conveyor roller as per customer's requirement to be integrated with labeling machine and strapping machine. KZF-550R is widely used in pharmaceutical, food, chemical and other light industries.







We provide intelligent packaging equipment and "Smart Factory" solutions across the board.



Features

- PLC + HMI controls automatic counting, stacking, case erecting, loading and sealing.
- The stacking system can be adjusted according to the size of the case and stacking pattern.
- Not less than 10 placements per minute for quick case loading.
- Case erecting and cardboard placing driven by servo, and case loading by KUKA/Yamaha/ABB robot ensure stable and reliable process.
- Highly compatible. Handwheels are marked with scales for adjustment and fine-tuning.
- The machine will alarm for malfunctions, product missing, case absence or seizing-up.

Parameters

Model	KZF550R
Case size (L×W×H)	(300-500)×(200-400)×(200-350)mm
Loading speed	Robot arm ⩾10 placements/minute
Power supply	380V 50Hz
Power consumption	16KW
Compressed air	0.6Mpa
Dimensions(L×W×H)	4100×2400×2400mm (For reference only)
Weight	2000Kg
Based on standard configurations while machine can be customized.	

Hefei HRG Seelong Import & Export Group Co., Ltd. (www.hrgseelong.com) is the second-tier subsidiary of HIT (Harbin Institute of Technology) Robot Group (hereinafter HRG, www.hrgrobotics.cn), an intellectual and technological powerhouse fueling the development and innovation of robotics and its related industries within and outside China.

HRG Seelong's parent company, Hefei HRG Longyan Intelligent Equipment Co., Ltd. (www.hrgly.com), located in Hefei Intelligent Equipment Technology Park with high-tech industry clusters, is committed to providing best-possible "smart factory" solutions, upmarket intelligent equipment, end-of-line packaging automation, robotic material handling system integration and application, and other customized automation equipment for pharmaceutical, food, cosmetic, chemical and feed industries. The main products include

- Blister Packing Machine
- Tray Making and Loading Machine
- Cellophane Overwrapping Machine
- AGV (Automated Guided Vehicles)
- Logistics and Warehousing System
- Robots
- Palletizing System
- Case Erector and Sealer
- Automatic Cartoning Machine (Cartoner)
- Automatic Bundling Machine (Stretch Bander)
- All-in-one Case Packer (Case erecting loading and sealing in one machine)

Our approach to making inroads into untapped markets and cementing existing presence overseas is to foster and deploy local agents to interact with the native clients, working together for win-win outcomes in a synergistic ecosystem.

Join us!

HGDLY | Seelong

Contact: hrgseelong@hrgseelong.com
Add: 11th Floor, Building A3, No. 3963 Susong Road, Economic Development Zone, Hefei, China
TEL:0086 551-6363 6590/6363 6703

合肥哈工子龙进出口集团有限公司



Case Erector
KXJ-01A



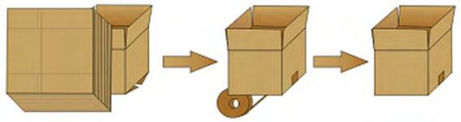
Horizontal Case Erector
KXJ-02A



We provide intelligent packaging equipment and "Smart Factory" solutions across the board.

Features

- Suitable for various sizes of case erecting with easy manual adjustment when case specifications change.
- PLC + HMI, automatic case erecting, bottom flap folding and sealing. Intuitive operation, easy maintenance and stable performance. An indispensable module for automatic large-scale packaging line.
- Non-stop bottom folding and sealing during conveying. Case suction, erecting, bottom folding and sealing within 3 seconds. Fast, stable, convenient and efficient.
- The machine can replace 2 to 3 labors and save 5-10% packing materials, increasing efficiency up to 30%. Cost is saved while uniform packing is achieved.



case erecting ..... bottom tape sealing ..... case formed

Parameters

Model	KXJ-01A
Erecting speed	8-12 cases/min
Max. Storage of cardboard blanks	100 pcs (1000mm)
Case size (L×W×H)	(250-450)×(150-400)×(100-400)mm
Power supply	220V/50Hz
Power consumption	200W
Compressed air	6Kg/cm^2
Air consumption	450NL/min
Dimensions (L×W×H)	2000×1900×1450mm
Tape size	48mm/60mm/75mm
Weight	1000Kg
Based on standard configurations while machine can be customized.	

Description

Machine motion controlled by cam drive coupled with linkage mechanism ensures fast, precise and stable mechanical movements. KXJ-02A is one of the most stable high-speed case erectors in China, with compact design, intuitive operation, and easy adjustment.
It has pre-warning alert for replenishing cardboard blanks (KNF) without downtime.
Cases won't be damaged because of alert and automatic shutdown in case of malfunction.

Features

- Horizontal storage of cardboard blanks makes it easy to replenish cases without downtime and improves efficiency.
- It is applicable to various sizes of cases by easy manual adjustment in 3-5 minutes if case specifications change. Automatic pre-warning alert for replenishing cardboard blanks.
- High level of automation in case erecting, bottom flap folding and tape sealing. PLC+HMI. An indispensable module for automatic large-scale packaging line.
- The machine can replace 3 to 5 labors and save 5-10% packing materials while increasing efficiency up to 40%. Cost is saved and uniform packing is achieved.

Parameters

Model	KXJ-02A
Erecting speed	30 cases/min
Maximum KNF storage	80 pcs (800mm)
Case size (L×W×H)	(240-510)×(190-400)×(120-400)mm
Power supply	380V, 3ϕ
Power consumption	746W
Compressed air pressure	5Kg/cm^2
Air consumption	300NL/min
Dimensions (L×W×H)	2372×1210×1820mm
Tape size	48mm/60mm
Weight	1000Kg
Based on standard configurations while machine can be customized.	

HGDLY
龙延智能

Our across-the-board packaging solutions will make your factory smarter



• Case Loader
ZXJ-500BM

HGDLY

Case Loader
ZXJ-500BM



Description

Tailor-made for bottled and barreled products, with novel design, compact structure, and world class electrical components, the machine automatically groups, collates, aligns and packs products, such as PET bottles, plastic bottles, glass bottles, tins and cans. Applicable to beer, beverage, food, chemical and pharmaceutical industries, particularly used in a production line. PLC controlled and easy to operate. Optional drive system at customer's discretion: electric drive, pneumatic drive or servo drive.

Features

- Automatic grouping, collating and packing of bottled or barreled products.
- Combinations of single-lane or multi-lane products, single case or multiple cases can be packed simultaneously.
- The machine automatically pinpoints the case top opening to ensure precise loading, avoiding case jamming.
- Widely applicable to various specifications of products and cases.

Parameters

Model	ZXJ-500BM
Power supply	220V/380V, 50/60Hz
Power consumption	3KW
Case size (L×W×H)	(250-500)×(200-400)×(100-450)mm
Loading quantity	3-6 cases/time
Packing speed	10-30 cases/min
Air supply	6-7Kg/cm^2
Dimensions (L×W×H)	2000×1500×2050mm
Based on standard configurations while machine can be customized.	

Description

Side-pushing Case Loader ZXJ-600CT uses world's top brand electrical components and Siemens PLC + HMI to ensure stable process. It is intuitive to operate, mainly used in food, medicine, cosmetics and other industries.

Features

- Suitable for automatic grouping, collating and packing products after the secondary packaging.
- It automatically flips and pinpoints cases to ensure precise packing, reassuring users of no case jamming.
- Widely applicable to various specifications of products and cases.

Parameters

Model	ZXJ-600CT
Case size (L×W×H)	(250-500)×(250-400)×(180-350) mm
Table height	600±50mm
Packing speed	3-5 cases/min
Power supply	220V/50Hz
Power consumption	1000W
Air pressure	0.6-0.8Mpa
Dimensions (L×W×H)	1000×1820×1650mm
Conveying Dimensions (L×W×H)	1500×200×880mm
Weight	500Kg
Based on standard configurations while machine can be customized.	

Case Loader
ZXJ-600CT



Case Loader
ZXJ-600XY



Description

Cross-type Case Loader ZXJ-600XY packs products vertically into cases, which is applicable to pharmaceutical, food and beverage, beer, liquor, oil and grease, daily chemical, bottled food and other industries.

Features

- With servo control system and streamline movement trajectory design, cases can be pinpointed and shake-proof during packing.
- Automatic grouping and collation according to customers' arranging requirements.
- It automatically pinpoints the case top opening to ensure precise loading, reassuring users of no case jamming.
- Widely applicable to various specifications of products and cases.

Parameters

Model	ZXJ-600XY
Case size (L×W×H)	(250-500)×(250-400)×(180-350)mm
Applicable products	Carton-packed products and bottled products
Packing speed	200-300 cases/hour
Dimensions (L×W×H)	1600×1510×2850mm
Power supply	220V, 50/60Hz
Air supply	6-7Kg/cm^2
Weight	600Kg
Based on standard configurations while machine can be customized.	

Hefei HRG Seelong Import & Export Group Co., Ltd. (www.hrgseelong.com) is the second-tier subsidiary of HIT (Harbin Institute of Technology) Robot Group (hereinafter HRG, www.hrgrobotics.cn), an intellectual and technological powerhouse fueling the development and innovation of robotics and its related industries within and outside China.

HRG Seelong's parent company, Hefei HRG Longyan Intelligent Equipment Co., Ltd. (www.hrgly.com), located in Hefei Intelligent Equipment Technology Park with high-tech industry clusters, is committed to providing best-possible "smart factory" solutions, upmarket intelligent equipment, end-of-line packaging automation, robotic material handling system integration and application, and other customized automation equipment for pharmaceutical, food, cosmetic, chemical and feed industries. The main products include

- Blister Packing Machine
- Tray Making and Loading Machine
- Cellophane Overwrapping Machine
- AGV (Automated Guided Vehicles)
- Logistics and Warehousing System
- Robots
- Palletizing System
- Case Erector and Sealer
- Automatic Cartoning Machine (Cartoner)
- Automatic Bundling Machine (Stretch Bander)
- All-in-one Case Packer (Case erecting loading and sealing in one machine)

Our approach to making inroads into untapped markets and cementing existing presence overseas is to foster and deploy local agents to interact with the native clients, working together for win-win outcomes in a synergistic ecosystem.

Join us!

HGDLY | Seelong

Contact: hrgseelong@hrgseelong.com
Add: 11th Floor, Building A3, No. 3963 Susong Road, Economic Development Zone, Hefei, China
TEL:0086 551-6363 6590/6363 6703

合肥哈工子龙进出口集团有限公司

