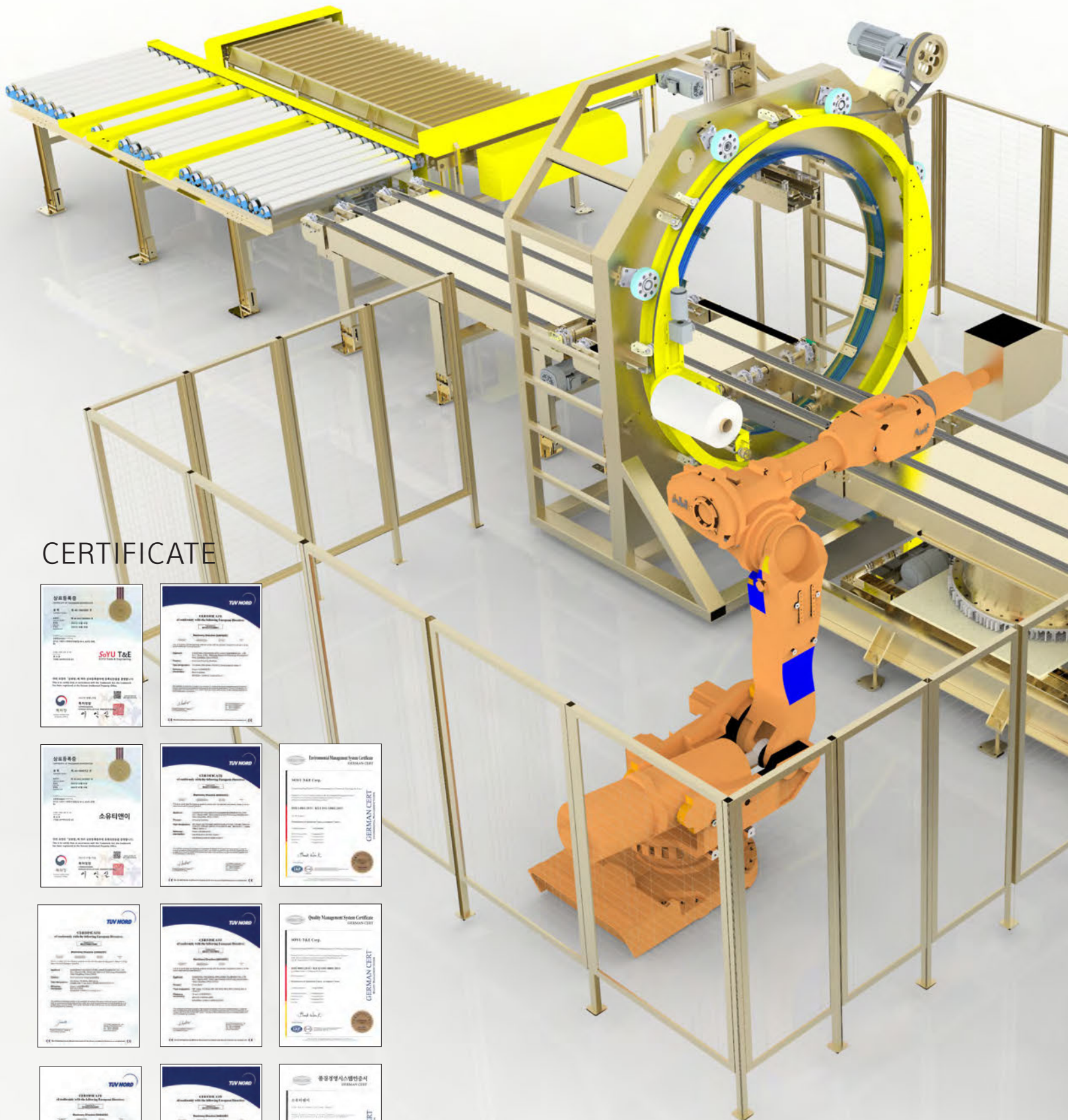


# Automatic Packaging System

*Product Catalogue*



# COMPANY INTRODUCTION



## CERTIFICATE





## COMPANY INTRODUCTION

SOYU T&E is an international manufacture dedicated to industrial package solution, is specialized in the R&D, production and marketing of package system, including wrapping machine, strapping machine, carton handling machine and in-line package system.

Since it's establishment, SOYU T&E has put brand building as it's core mission which powers the enterprise development throughout it's growth. A global service network backed by SOYU T&E is strong technical strength come to customer needs at anytime and anyplace.

SOYU T&E, pooling global wisdom, plan to sale more than 60 countries and assists to promote the initiate of intellgently made in KOREA.

# Stretch wrapper

1

## SY-4415R

Pre-stretch / mechanic stretch wrapper

### Introduction

SY-4415R pre stretch type , it is suitable for cargo transportation in shipping container and bulk cargo pallet wrapping, widely used in glass products, hardware tools, electronic appliances, paper making, ceramics ,chemical, food and beverage, building material industries etc. the main performance is being optimized to the best, film carriage is a side-design style ,make stretch ratio higher ,ductility ratio stronger, film narrow rate lower, more secure, lower the wastage during transportation. Machine can be customized top platen and fully automatic type.



### technical parameter

Model	SY-4415R
Wrapping size	600-1,200mm x 500-1,100mm
Wrapping height	2400mm
Wrapping efficiency	20 - 40 pallets/hour
Turntable speed	0-15 RPM, speed adjustable
Turntable diameter	1,500mm, 1,800mm, 2,000mm and above
Turntable height	78mm
Bearing (max)	2,000kg and above
Film carriage	Pre stretch could reach 300%, adjustable
Lift system	Double chain, speed adjustable
Dimension	2,540mm x 1,500mm x 2,700mm
Weight	500kg
Power	1.6kw / AC220V / 50Hz / 60Hz
Control system	PLC, wrapping layer adjustable, automatic resetting, photo electric sense height

Machine can be specially made according to your requirements

**2**

## SY-1100PH

### Pre-stretch / robot stretch wrapper

#### Introduction

SY-1100PH robotic wrapping machine is with CE certification, use on big pallet or non-standard pallets, it widely used in chemical industry, electronic industry, papermaking, foodstuff and beverage etc. Film provides extra support while the products are being transported and storage to protect them from damage.



#### technical parameter

Model	SY-1100PH
Wrapping size	600mm~ x 600mm~
Wrapping height	400 - 2400mm
Wrapping efficiency	20 - 40 pallets/hour (depending on product size)
Pallet weight request	> 50kg
Robot move speed	Max. 60M/min
Battery capacity	100AH (12V) 2pcs=24V
Battery charge time	8-10 hour
Rated work time	8 hour
Film carriage	Pre-stretch film carriage
Lift system	Lift speed adjustable, 4.5M/min
Control system	PLC control, wrap layers adjustable (1-9layers)
Machine weight	320kg
Power	Rotary motor : 0.4kw / Film carriage : 0.35kw / Lift system : 0.2kw
Voltage	Charge by AC220V / 50Hz / 60Hz / 1P
Machine package size	2,450mm x 1,810mm x 920mm (machine) 2,500mm x 800mm x 1,300mm (package)

Machine can be specially made according to your requirements

# Stretch wrapper

3

## SY-4415RM / SY-4415RC

Stretch wrapper with slot / Stretch wrapper with top platen

### Introduction

SY-4415RM (turntable with slot) it is a humanized model, it use manual or electric forklift to load, save time and improve efficiency. The unique loading and unloading safety protection device could protect operator and goods.

SY-4415RC, adopts electric top platen, compact structure, easy installation and maintenance .This model is simple and safe. Convenient, reliable, stable Electric top platen is better than traditional cylinder platen model, installation is easy and maintenance is convenient.



## **4** SY-4415RZ Automatic stretch wrapper

### Introduction

SY-4415RZ, it adds automatic film clamping cutting device on the basis of standard machine which is more suitable for automated factory .it is high efficiency, the operation panel is superior to the conventional one, the sense of operation and experience is unmatched.



## **5** SY-4415RZF Automatic stretch wrapper with top sheet

### Introduction

SY-4415RZF, this model combine Top sheet with fully automatic online stretch wrapper together, compact structure, less land occupation, precise positioning, and the whole packing process is complete and the efficiency is not being affected, every function can be used separately.





# Online stretch wrapper

1

## SY-2000F

### Online stretch wrapper

#### Introduction

SY-2000F, compact structure. Advanced slewing bearing device, the bearing effect is better, the service life is longer. Convenient clearance and maintenance. The unique film clamping device ensure better wrapping effect. More durable. The wrapped goods are good for transportation, avoid the spoilage of goods during storage.



SY-2000 series online wrapper is applied on flow line wrapping, widely used automated production line, improve wrapping efficiency ,labor cost saving .at present, this kind of products have been widely used in chemical industry,electronics,food and beverage ,paper making and other industries.





## technical parameter

Model	SY-2000F
Wrapping size	800-1,400mm x 800-1,200mm
Wrapping efficiency	30 - 50 pallets/hour
Turntable speed	0-15 RPM, adjustable
Turntable size	Diameter : 2,000mm Height : 500mm, roller conveyor
Turntable load	2,000kg
Film carriage	stretch ratio 350%, adjustable
Top platen	optional
Control system	PLC
Pneumatic system	0.6 - 0.8Mpa 250NL/min
Weight	900kg
Dimension	2,820mm x 1,800mm x 2,600mm(~3,200mm)
Power	3kw / 380V / 50Hz / 60Hz

Machine can be specially made according to your requirements

# Online stretch wrapper

2

## SY-2000FHM

Online stretch wrapper with top sheet

### Introduction

SY-2000FHM, this machine adopt integral design which is suitable for high-end enterprises production line. Integrate automatic top sheet and online wrapper function, combine two equipment' s advantage together .operation is more stable and function is more perfect, high efficiency, easy installation, convenient maintenance and less land occupation.



### technical parameter

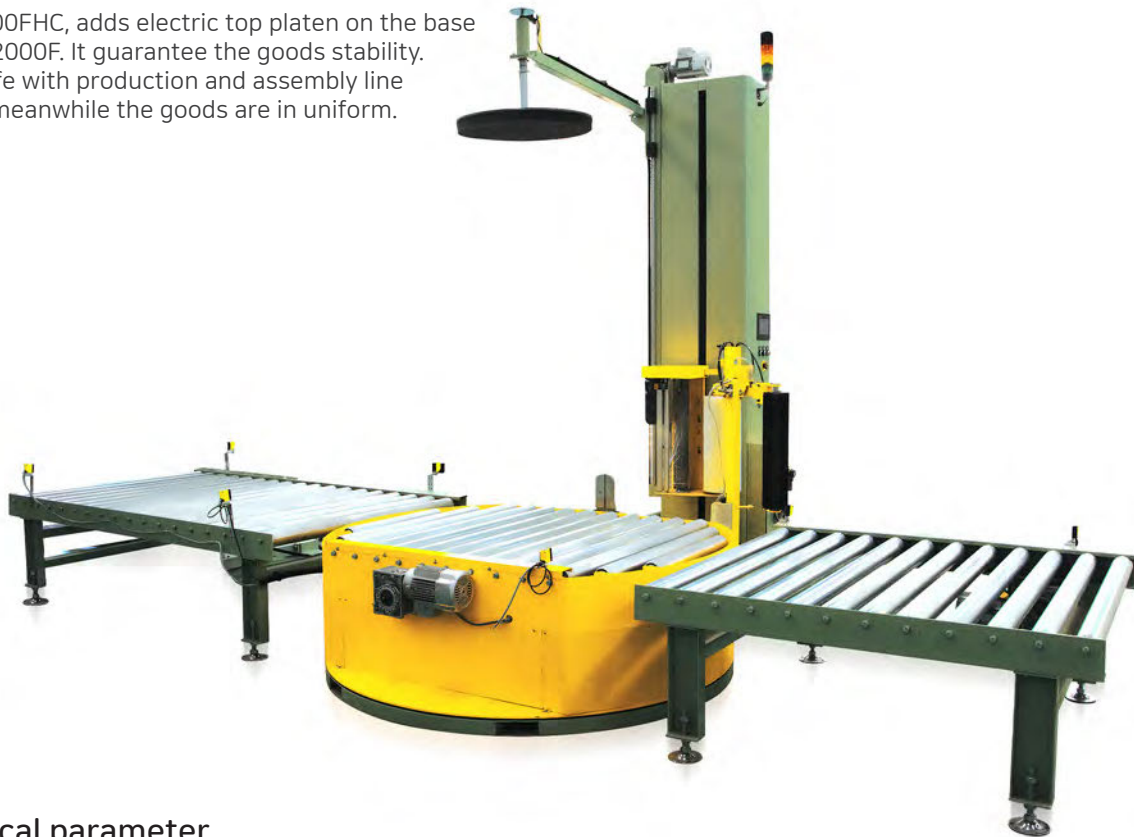
Model	SY-2000FHM
Wrapping size	800-1,400mm x 800-1,200mm
Wrapping efficiency	30 - 50 pallets/hour
Turntable speed	0-12 RPM, adjustable
Turntable size	Diameter : 2,000mm Height : 500mm
Turntable weight	2,000kg
Film carriage	350%, adjustable
Top platen	optional
Control system	PLC
Pneumatic system	0.6 - 0.8Mpa 250NL/min
Weight	1,000kg
Dimension	3,800mm x 3,200mm x 3,300mm
Voltage	380V / 50Hz / 60Hz / 3P
Top sheeter film feeder	Electric
Top sheeter film cutting	Mechanic
Top sheet film lifter	Electric rail type, chain driven
Top sheeter film length	0 - 1,800mm, adjustable

Machine can be specially made according to your requirements

### 3 SY-2000FHC Online stretch wrapper with top platen

#### Introduction

SY-2000FHC, adds electric top platen on the base of SY-2000F. It guarantee the goods stability. It is safe with production and assembly line work, meanwhile the goods are in uniform.



#### technical parameter

Model	SY-2000FHC
Wrapping size	800-1,200mm x 800-1,300mm
Wrapping efficiency	30 - 50 pallets/hour
Turntable speed	0-15 RPM, adjustable
Turntable size	Diameter : 2,000mm Height : 500mm
Turntable weight	2,000kg
Film carriage	350%, adjustable
Top platen	Motor-driven
Control system	PLC
Pneumatic system	0.6 - 0.8Mpa 1,000ml/min
Weight	1,000kg
Dimension	2,820mm x 1,800mm x 2,600 ~ 3,200mm
Voltage	380V / 50Hz / 60Hz / 3P
Lift system	Lift speed adjustable
Cut & Clamp unit	Pneumatic control, Automatic film attaching, Cutting and Wiping

Machine can be specially made according to your requirements



# Rotary stretch wrapper



SY-1800R series fully automatic rotary arm stretch wrapper .it is suitable for the big volume, high efficiency factory and applied on different dimensions goods. Can be customized according to customer demand, can work with production and assembly line together and used for wrapping separately. The machine could complete the process for goods' sensing, centering, conveying and wrapping, the conveyor could be customized as per customer site. Fully automatic structure could be zero-labor, it is the high efficiency modern type, widely used in food, beverage, chemical, paper making, building material and other industries.

# 1 SY-1800RZ Rotary arm stretch wrapper

## Rotary arm stretch wrapper

SY-1800RZ, this model is high speed rotary arm wrapper, less land occupation, high safety factor, the safety netting device is together with machine, guarantee high safe grade during production.



## technical parameter

Model	SY-1800RZ
Wrapping size	500-1,200mm x 500-1,200mm x 2,200mm
Rotary arm speed	0 - 20 RPM, adjustable
Wrapping efficiency	25 pallet/hour
Film carriage system	Pre stretch, >250%, speed adjustable
Film cutting clamping	Automatic film cutting clamping
Top sheeter film	PE/PVC Breadth 1,800mm, Dia 100-300mm, Thickness 30-100um
Wrapping film	LLDPE breadth 500mm, Thickness 20-35um
Lifter part	Rail lift system speed adjustable
Conveyor system	Conveyor height : 400mm, Speed : 8 - 15M/min, Bearing weight : 2,000kg
Control system	PLC, parameters adjustable, length of laminating film adjustable, sense product height automatically
Motor	Rotary arm : 1.1kw, Film carriage : 0.37kw, Lifter : 0.37kw, Top sheeter : 0.37kw
Power	380v / 50Hz / 60Hz / 3phase / 4kw
Pneumatic	0.4 - 0.6Mpa, 350NL/min
Dimension	4,500mm x 2,200mm x 3,500mm
Component	Four heavy duty column + Rotary arm system + Top sheeter + Automatic film cutting clamping + Conveyor

Machine can be specially made according to your requirements

# Rotary stretch wrapper

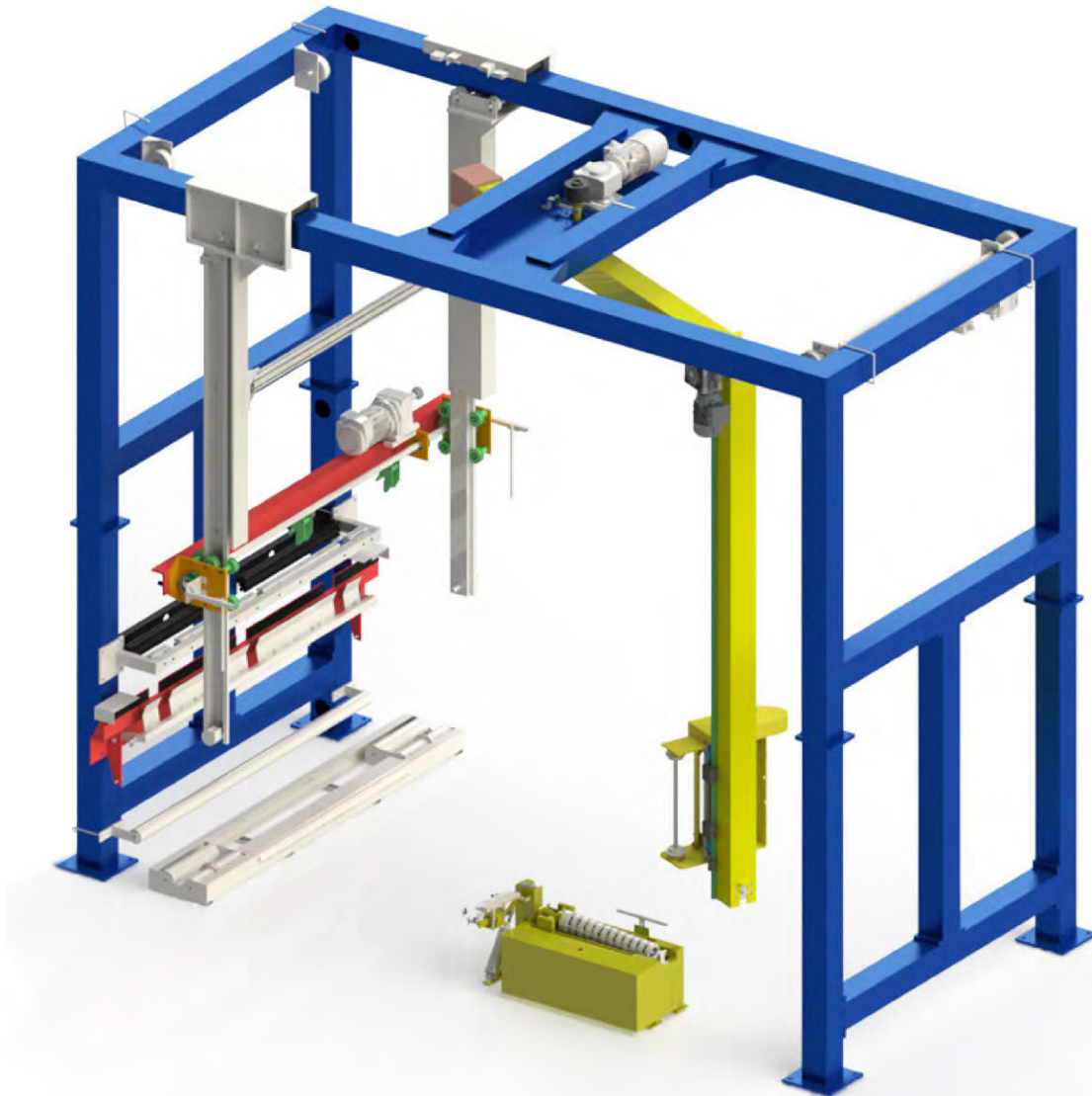
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## SY-1800RZC

### Rotary arm stretch wrapper with top sheet

#### Introduction

SY-1800RZC, this model add top sheet function and is new all in one wrapper machine. it is with stretch wrapping and top sheet functions, it could do 5 sides wrapping, dust-proof, moisture-proof, rain-proof. It realized zero-labor function, high efficiency and cost saving.





### 3 SY-1800RZF

#### Rotary arm stretch wrapper with top platen

##### Introduction

SY-1800RZF, this model is top platen high speed rotary arm wrapper, it added top platen on the basis of SY-1800RZ series, improve safety and guarantee high efficiency, ensure smooth production and cost saving.



### 4 SY-1800RE

#### Rotary arm stretch wrapper

##### Introduction

SY-1800RE, triangle type wrapper could place goods directly on the ground, which is not restricted by factors such as conveying lines, turntable load and other factors. it wrap heavy goods. Meanwhile, it is not restricted by re-stacking, can pack light goods. Fast rotation, high efficiency. it is an indispensable model in the wrapper.



# Top sheet machine

1

## SY-1800FA

### Through type top sheet machine

#### Introduction

SY-1800FA, through type top sheet machine, apply on a variety of goods lamination. Automatic top film covering bring a good wrapping effect. It is high efficiency when working with production line, equipped with automatic control system and coordinate as per conveyor' s speed. Finish film covering during conveyor process, it is a good choice for flow line production.



#### technical parameter

Model	SY-1800FA
Wrapping size	500-1,300mm x 500-1,300mm x 1,800mm
Wrapping efficiency	80 pallets/hour
Film driver	Auto matic and frequency
Lifter column	Automatic clamping & cutting
Speed	8-15M/min
Convey system	Height : 400mm, bearing : 2,000kg
Control system	PLC control
Dimenstion	810mm x 2,800mm x 3,500mm (do not include conveyor)
Power	380V / 50Hz / 60Hz / 1.5kw
Penumatic	0.6 - 0.8Mpa, 1,000NL/min
Wrapping material	PE, PVC, PT : 30-100um

Machine can be sepcially made according to your requirements



**2**

## SY-1800FB

### Frame type top sheet machine

#### Introduction

SY-1800FB. Frame type top sheet machine, applied for pallet goods which need top film covering, it realizes automatic top film covering function, working with fully automatic stretch wrapper, it reach zero-labor operation ,save labor cost and reduce labor intensity. The wrapping appearance is more unified, more solid, improve working efficiency, it is the best choice for assembly production line.

#### technical parameter

Model	SY-1800FB
Wrapping size	1,250mm x 1,250mm x 1,800mm
Wrapping efficiency	30 pallets/hour
Film sender	Pre stertch 250%
Film cutting	Automatic with plastic brush
Film sender	Electric, length adjustable
Top sheeter film cutting	Mechanic cutting
Top sheeter film lifter	Electric rail lifter, chain driven
Top film length	0 - 1,800mm
Turntable system	0-12 RPM, height : 93mm, bearing : 2,000kg
Dimension	3,800mm x 3,200mm x 3,300mm
Voltage	380V / 50Hz / 60Hz / 2kw
Pneumatic	0.4 - 0.6Mpa, 1,200mm - 1,800mm
Top sheeter film	PE/PVC Width : 1,200mm-1,800mm Diameter : 100mm-300mm Thickness : 30-100um
Wrapping film	LLDPE, Breadth : 500mm, Thickness : 20-35um
Component	Top sheeter + stretch wrapper
Top platen(optional)	Top platen range : 600mm, Pressure : 0-120kg

Machine can be sepcially made according to your requirements



# High speed ring type stretch wrapper

1

## SY-RING800

High speed ring type stretch wrapper 800

2

## SY-RING1200

High speed ring type stretch wrapper 1200

### Introduction

Automatic high-speed ring type wrapping machine suit for the packaging of goods in container ,bulk or pallet, which widely used in food and beverage industrial, electronic appliances, hardware mechanical and papermaking, printing, metallurgy and building materials industries, especially adapted to the logistics industry application of packing in stereoscopic warehouse.

This Exclusive research and development of SoYU T&E, High speed ring type wrapping machine had came into the market for five years and accept by the customers in various industries, this machine has achieved the goal of more packaging quantity, fast speed, good performance and save material. Truly realized the maximization benefits for the customers.

More packaging quantity, means the machine can start wrapping at any position, satisfy the diversified packing method, adapt to a wider range, have flexible application, has quick , efficient and other characteristics. Fast speed means the new high-speed ring packaging machine as a new generation wrapping machine, has the revolutionary improvement and upgrade to the traditional packing way. It is driven by a horizontal rotating ring, with a smooth rotation and low noise. The packaging efficiency can reach 60 to 120 pallets per hour. Good performance means the effect of the film is more uniform and the packaging effect is more beautiful. Film carriage sending film 100% without film head and film tail, solves the problem of the domestic manufacturer's broken film instability. And the site layout is more flexible, not limited by the direction, can adapt to the 90 degree direction of output. It can increase the function of covering film, and the packing efficiency is 2 to 3 times than that of ordinary online machine Save material means the customer can choose a variety of flexible packaging methods according to the need, saving the packaging materials more than 20 meters per pallet, saving the cost about 20,000 USD per year. It covers the most fundamental needs of all customers, saves money and saves the waste of resources. It truly reflects the revolutionary significance of industry.





## technical parameter

Model	SY-RING800, SY-RING1200
Machine dimension	3,400mm x 2,200mm
Land occupation	3,400mm x 2,400mm
Wrapping efficiency	60-120 pallets/hour
Wrapping size	1,200mm x 1,200mm (MAX)
Rotate speed	35-45 RPM
Film carriage	Ratio 350%
Wrapping material	LLDPE
Weight	2,000kg
Voltage	380VAC / 3P / 50Hz / 60Hz

Machine can be sepcially made according to your requirements

# Horizontal stretch wrapper

1

SY-HS600

Horizontal stretch wrapper 600

**Introduction**  
SY-HS600, it applies on long,square products which inner diameter <600mm. widely used on plastic profile,aluminium profile,board,pipe,textiles, construction board,steel industry etc,it works with many kinds of wrapping materials, like stretch film, composite paper, woven bags, etc., Elegant wrapping,anti-distant moisture, stable and safe, easy operation.



technical parameter

Model	SY-HS600
Ring size	Φ600mm
Speed	80 RPM
Wrapping size	380mm x 380mm (MAX)
Wrapping length	600mm ~
Conveyor speed	8 - 15M/s
Voltage	380V / 50Hz / 60Hz / 1.1kw

Machine can be sepcially made according to your requirements



## 2 SY-HS1800 Horizontal stretch wrapper 1800

### Introduction

SY-HS1800, It is applied for long, square product' s wrapping. Widely used for profile, aluminium, board, pipe, textile, construction, steel industry etc., elegant wrapping, anti-distant moisture, stable and safe performance, easy operation, it is your best choice.



### technical parameter

Model	SY-HS1800
Ring size	Φ1800mm
Speed	12-25 RPM
Wrapping size	1,200mm x 1,200mm (MAX)
Wrapping length	2M ~
Conveyor speed	2 - 20M/min
Voltage	380V / 50Hz / 60Hz / 2.2kw

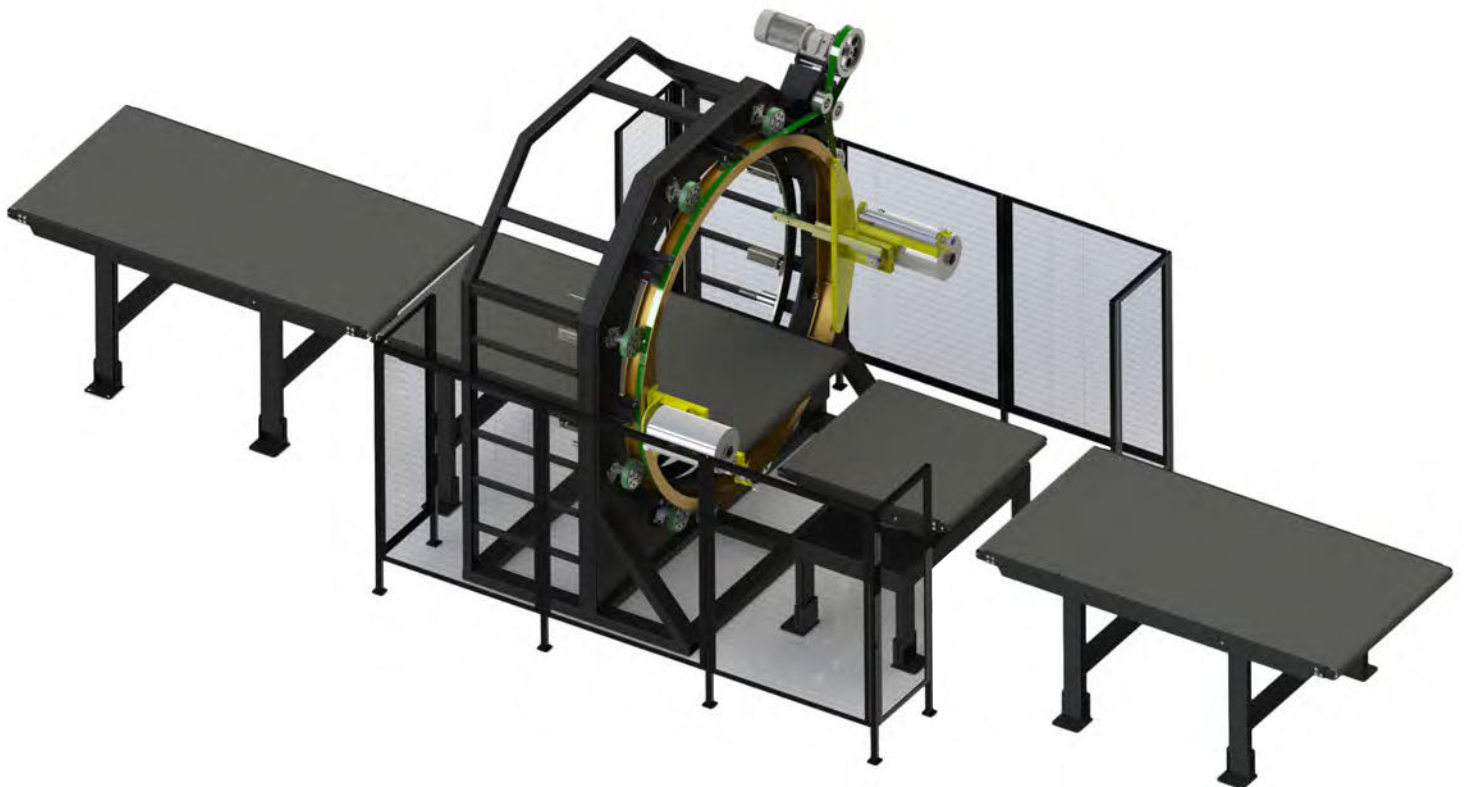
Machine can be sepcially made according to your requirements

# Six-side packaging system

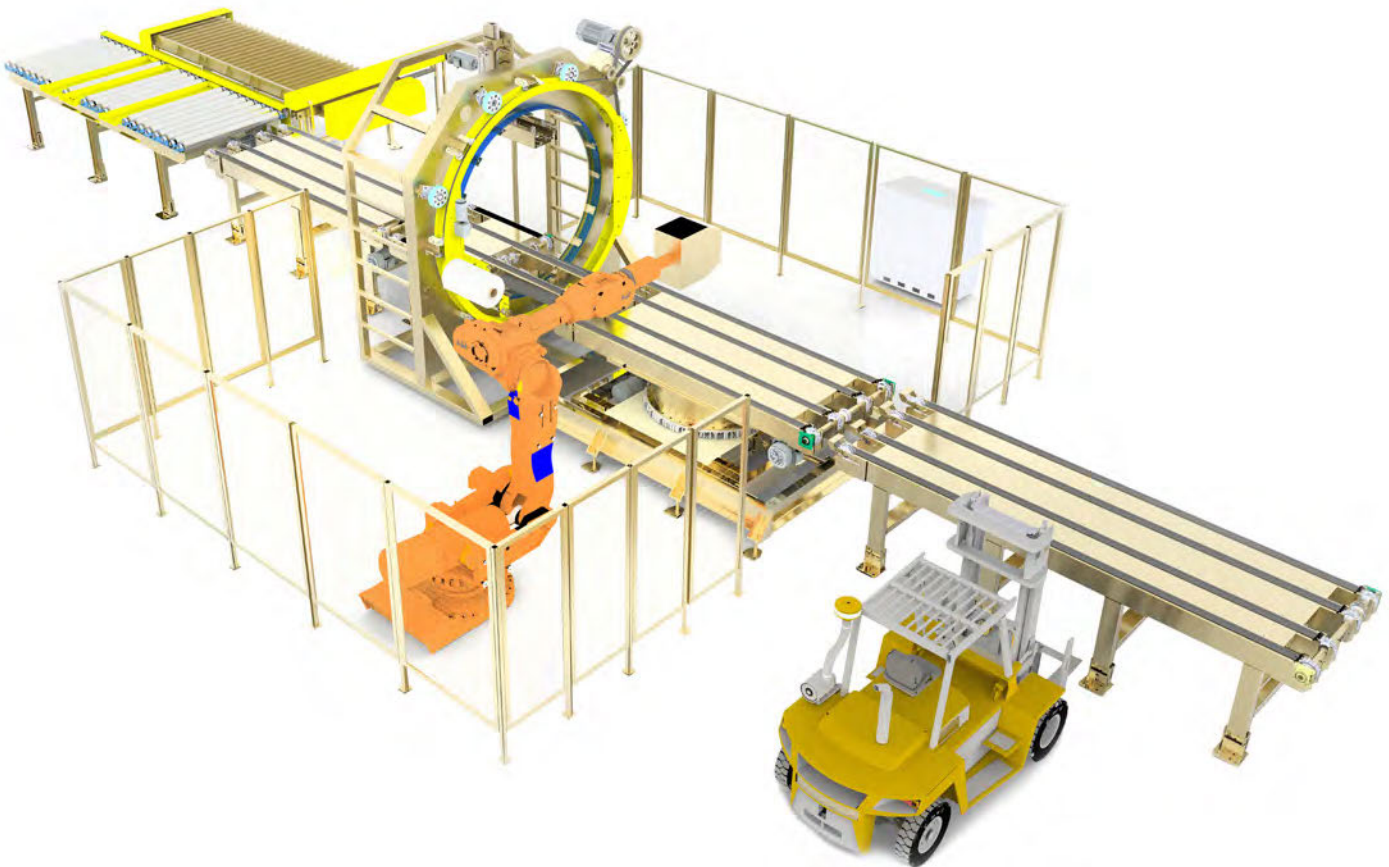
## 1 SY-SDG800 Six side packaging system 800

### Introduction

This line adopts module design, with pallet leg adder machine, which could add pallet leg for goods, material saving and high efficiency. pallet leg storage machine, could push pallet leg automatically, put right quantities of pallet legs as per goods size in advanced., unique wrapping design do four sides wrapping , it could wrap six sides with extra rotary wrapper, maximize anti-dust, anti-moisture, applied for different boards production lines, worker could use forklift to unload wrapping products from unloading station, which could design like lifting platform type. this system' s spotlight is fully automatic wrapping, save manufacturing cost for clients.



## 2 SY-SDG1000 Six side packaging system 1000



### technical parameter

Model	SY-SDG800, SY-SDG1000
Machine dimension	6,500mm x 4,200mm x 2,900mm
Ring size	2,000mm
Wrapping efficiency	25 pallets/hour
Wrapping size	1,300mm x 1,500mm x 3,000mm (MAX)
Conveyor speed	10-15M/min
Wrapping Material	LLDPE
Voltage	380V / 3P / 50Hz / 60Hz

Machine can be specially made according to your requirements

# Carton sealer

1

## SYTM-21N/21NS

Semi-auto carton sealer machine



### technical parameter

Model	SYTM-21N
Sealing speed	approx. 40 BOX /min
Carton dimation(L)	130mm ~
Carton dimation(W)	80mm ~ 500mm
Wrapping length(H)	90mm ~ 500mm
Tape width	45-70mm
Table height	560 ~ 750mm (adjudtable)
Dimenstion	1,820mm x 900mm x 1,370mm
Gross weight	120kgs / 175kgs
Noise degree	~ 70dBA
Electric consumption	~ 0.2KW
Voltage usage	220V / 50Hz / 60Hz / 1Ph

Machine can be sepcially made according to your requirements

2

## ABF-TNES

Automatic case erector



### technical parameter

Model	ABF-TNES
Air pressure	6kg/cm2
Tape width	38mm ~ 50mm
Working speed	0 ~ 10 cases/min
Case size	L : 300mm ~ 560mm W : 250mm ~ 560mm H : 200mm ~ 500mm
Box storage	~ 100ea
Outlet height	650mm ± 10mm
Power supply	220V / 380V / 60Hz / 0.5kw
Motor	0.1kw x 2
Dimenstion	2,825mm x 1,620mm x 1,780mm
Weight	550kg

Machine can be sepcially made according to your requirements



# Strapping machine

**1**

## SAB-300

### Automatic strapping machine



#### technical parameter

Model	SAB-300
Strapping speed	~ 2.5 s/beat
Strap width	9mm ~ 15mm (STD : 12mm)
Strapping specifications	Min. package size : 80mm x 60mm Max. package size : inner size of the arch
Table height	750mm
Bearing capacity	80kg
Net weight	150kg
Dimension	1,400mm x 620mm x 1,435mm
Adhesion	Hot melting
Power	400W, 3A
Power supply	1P / 220V / 50Hz / 60Hz
Noise degree	~ 75dBA
Adjustable items	Arch size, Strap width

Machine can be sepcially made according to your requirements

**2**

## SY-H16/SY-L16

### Hand strapping tool



#### technical parameter

Model	SY-H16	SY-L16
Function	Semi-Auto	Automatic
Dimension	310mm x 138mm x 168mm	310mm x 135mm x 130mm
Strap width	13mm ~ 16mm	9mm ~ 16mm
Strap thickness	0.4mm ~ 1.2mm	0.5mm ~ 1.2mm
Apply straps	PP/PET	PP/PET
Tension force	60 ~ 2100N	60 ~ 2500N
Weight	2.75kg	3.34kg
Charger Input	220V / 50Hz / 60Hz	220V / 50Hz / 60Hz
Charger output	DC 21V / 2.5A	DC 16.8V / 3A
Charger time	40 ~ 90Min	40 ~ 90Min

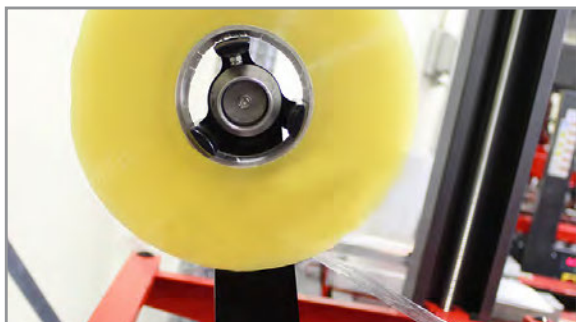
Machine can be sepcially made according to your requirements

# For packing machine



## STRETCH FILM

Thickness	20mic ~ 25mic
Dimension	500mm x 1400M ~ 1800M
Quantity	1Roll (1Box)
Use	SOYU Wrapping machine only



## OPP TAPE

Dimension	48mm x 1000M
Quantity	5Roll (1Box)
Material	AR, RU, KRAFT etc.
Use	SOYU machine only



## PP BAND

Dimension	12mm ~ 15mm(as requested)
Quantity	2Roll (1Box)
Material	PP, PE, PET etc.
Use	SOYU machine only



## SHRINK FILM

Dimension	Custom order
Quantity	M.O.Q
Material	PP, PE, LDPE etc.
Use	SOYU machine only



## BOX

Dimension	Custom order (Printable)
Quantity	M.O.Q
Material	Cardboard, Manila etc.
Use	For product packaging



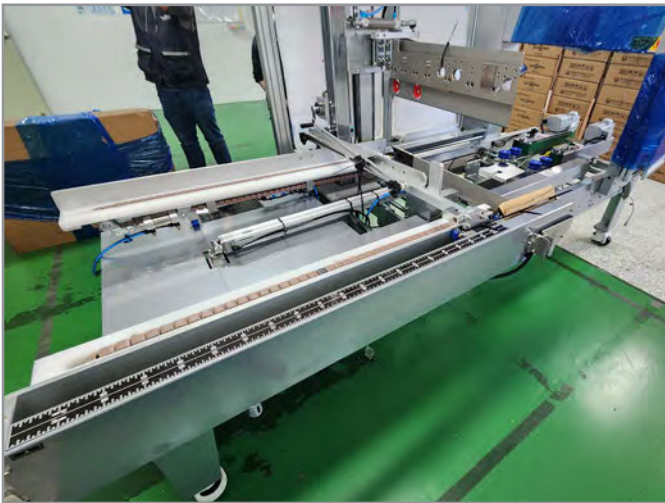
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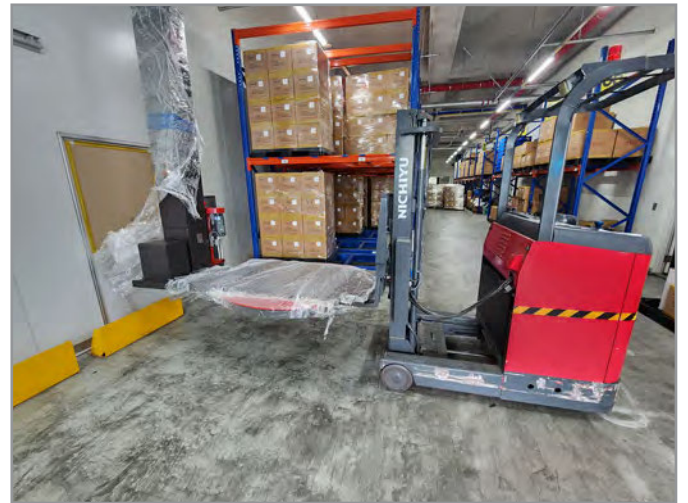
경기 김포 납품



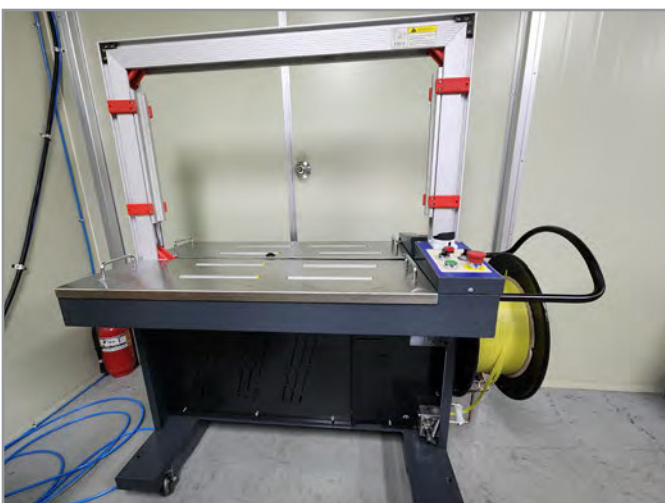
경기 부천 납품



강원 춘천 납품



경상 부산 납품

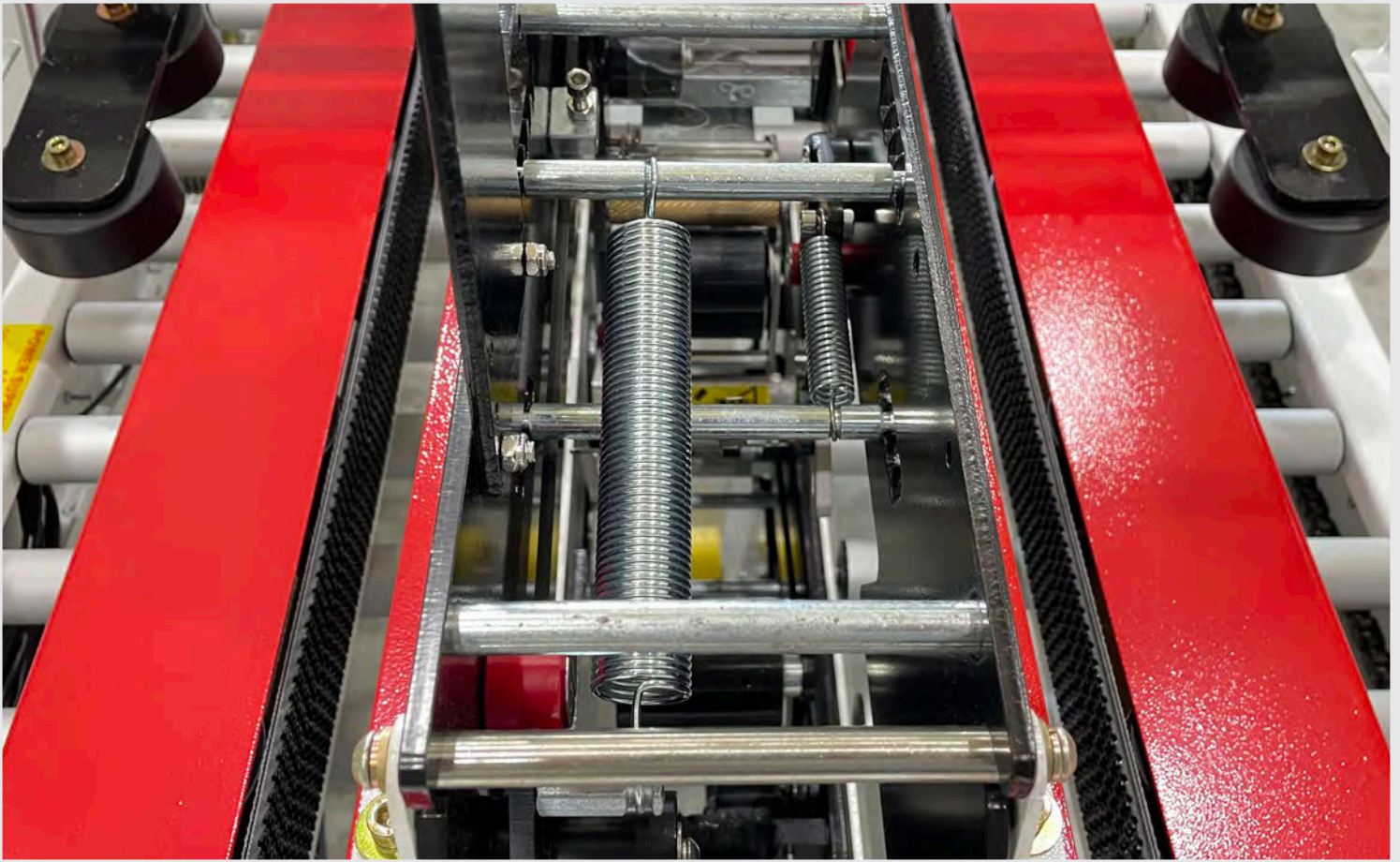


전라 정읍 납품



충청 진천 납품





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