

PRODUCTS

Manufacturing Profile

Foreview Engineering have well experienced engineering design, manufacturing and project management team for complete line design, manufacturing and execution of customer needs. We not only provides Best in Class Packaging Machines for Primary, Secondary and End of line packaging needs but also integrate the complete line at optimal cost to establish long term partnership with the customer.

Product Categories



Secondary
Packaging
Machines

KNOW MORE



Tertiary
Packaging
Machines

KNOW MORE



Equipment
Analytical

KNOW MORE



Conveyor
System

KNOW MORE



Integrated
Packaging
Solutions

KNOW MORE

Tertiary Packaging Machines

This type of packaging is used to group larger quantities of SKUs to transport them from point A to point B like from production facility to point of sale. During this stage, products are handled as distribution units.

The most common type of tertiary packaging is pallets of various materials, rigid cardboard boxes, containers or any other items that create a unit load for the simple transport and storage of the goods.

Gantry Palletizer Machine

A palletizer is a device that automatically sorts, moves, and stacks cases of items or goods onto pallets, typically at the end of a production line. For maximum volume and convenient delivery, automatic palletizing is ideal. Palletizers guarantee the accuracy, efficiency, and stability of the load. The transition from manual to machine-controlled activities is becoming more advantageous as companies want greater worker flexibility and safety.



Robotic Palletizer Machine



The Automatic Robotic Palletizer is capable of picking multiple cases with vacuum or mechanical end-of-arm tooling (EOAT) and building the desired pallet pattern.

FOREVIEW integrates Yaskawa, ABB, Fanuc, and Motoman robots into the robotic palletizing cell. These systems handle multiple packaging lines with multiple SKUs featuring ALBA pallet dispensers and pallet conveyors which are compatible with many custom-designed case and pallet handling systems.

Description Features Technical Specifications Packaging

The **Gantry Pelletizer Machine / Robotic Pelletizer Machine** is capable of picking multiple cases with vacuum or mechanical end-of-arm tooling (EOAT) and building the desired pallet pattern including the placement of base and layer sheets.

This integrates servos for the X, Y, Z axes that place the layer pattern in the selected orientation to build the desired pallet pattern. These pelletizers features pallet dispensers and pallet conveyors with many custom designed case and pallet handling options. This small footprint palletizer is ideal for placement directly downstream of a **FOREVIEW** case packer.

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Description

Features

Technical Specifications

Packaging

- Up to 15 movements per minute
- Multiple orientations and pallet patterns
- Product can be picked in multiples to achieve required palletization speeds
- Variety of grippers available
- Modular design for flexibility and scalability

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Maximum speed	600 b/h
Workable bag weights	up to 30 kg
Minimum pallet dimensions	800 x 1200 mm
Maximum pallet dimensions	1100 x 1400 mm
Maximum palletized load height	2000 mm, including pallet height
Maximum full pallet weight	1500 kg
Operating system	PLC
Power supply	220/380 V - 50 Hz

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laminated film bags



laminated paper bags



corrugated carton box

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Automatic De-Palletizing Machine (Gantry and Robotic)

Gantry De-Palletizer

Accurate handling of cartons, such as de-palletizing and picking, has become even more crucial in these pandemic-stricken times. A mid global lockdowns, the logistics industry is burgeoning as the demand for life-saving drugs, vaccines, and pharmaceutical products is skyrocketing. When a leading logistics partner for the European pharmaceutical industry, needed three high-resolution, precision robotics cameras for one de-palletizing and two picking systems SICK’s Visionary-S CX paired with advance software was the perfect fit.



Robotic De-Palletizer

FOREVIEW robotic palletizers and palletizing systems are a flexible line of products that can be configured to meet specific application requirements and automate de-palletizing operations. Using a vacuum grip end of arm tool, the machine can be configured to move single or multiple rows at a time and place them on a conveyor.

Depending on application requirements, the cell can include pallet conveyors and stackers for the empty pallets as well as sheet racks for the discarded sheets providing complete automation of the de-palletizing operations.



DescriptionFeaturesTechnical SpecificationsPackaging

De-Palletizers are robotic machines that unload (de-palletize) packages or products from the pallet. The depalletizer allows the transfer of products and materials from pallets without the use of human personnel, saving thus time, money and effort.

Depalletizers are used to handle pallets in the best possible way. It is possible to unpack various items, including cans, bottles, corrugated cardboard boxes, shrink-wrapped goods, open trays, or boxes, using different depalletizers.

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Packaging

- Efficient depalletization of bottles, jugs, jars or other similar palletized rigid plastic containers
- End of Arm Tooling (EOAT) selected to fit application from either our standard tools or custom designed for the application
- Quick changeovers with little or no operational change-over and multiple case/carton size handling capability
- All key robotic functionality is integrated through the HMI / PLC versus through a teach pendent

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Stretch Wrap Machine

Rotary Arm Stretch Wrapper

Rotary Arm Stretch Wrapper is a totally automatic pallet stretch ring wrapping machine for wrapping palletized loads with stretch film. The film reel is mounted on the ring, which rotates concentrically to the load going up and down depending on the wrapping cycle, so the load remains static.

The ring technology of our Rotary Arm Stretch Wrapper has more balanced system, with less wear and less maintenance than the other technologies available in wrapping.



Stretch Wrap Machine

Stretch Wrap Machine allows you to weigh your pallet while it is being wrapped and labeled at the same time. It helps prevent pallet, hand wrap roll and shipping damages, lowers material/film costs compared to hand wrapping and reduces the amount of labor required per load.

If you're hand wrapping five loads or more per day, you really should consider this automatic stretch wrapper. The amount of time, the energy saved, as well as the reduction in staff injury will greatly contribute to your Return on Investment (ROI).

Description	Features	Technical Specifications	Packaging
<p>Pallet wrap, which is also called stretch wrap, stretch film and less commonly as shrink wrap, is plastic packaging used to protect palletised items being transported and stored.</p> <p>Stretch wrapping machines are used to wrap stretch film around a loaded pallet. Film provides extra support while the products are being transported & storage to protect them from tip, spill or from being damaged. Additionally , wrapped loads can easily be separated and identified.</p>			

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DescriptionFeaturesTechnical SpecificationsPackaging

- Heavy-duty industrial design
- Automatic photo eye with adjustable sensor position
- Semi-automatic jogging function positions pallet direction
- Emergency shut off function
- Programmable wrapping circles
- High-End Indicator with Auto Zero
- No maintenance, no need to lube drive system

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Rotary Arm Stretch Wrapper

Type	Rotary Arm
Operating mode	Fully Automatic
Product applications	Pallet
Other characteristics	Stretch film, with conveyor, vertical, horizontal, low-speed
Pallet Size	Max.: 1,900 mm (74.8 in) Min.: 600 mm (23.62 in)
Rotational Speed	22 rpm (138 rad.min-1)
Voltage	Max.: 480 V Min.: 380 V
Capacity	65 p/h

Stretch Wrap Machine

Type	Turn Table
Wrapping Height	2100 mm (2400mm)
Film Carriage Speed	1.8~3m/min(adjustable)
Layout Dimension	3100 (L) X 1810 (W) X 2570 (H)mm
Max. Package Weight	2000 kgs
Power Consumption	2.5kw
Power Supply	220/380/440V,50/60Hz,3PH
Turntable Diameter.	1500 mm (1800mm)
Turntable Speed	2~15R.M.P(adjustable)

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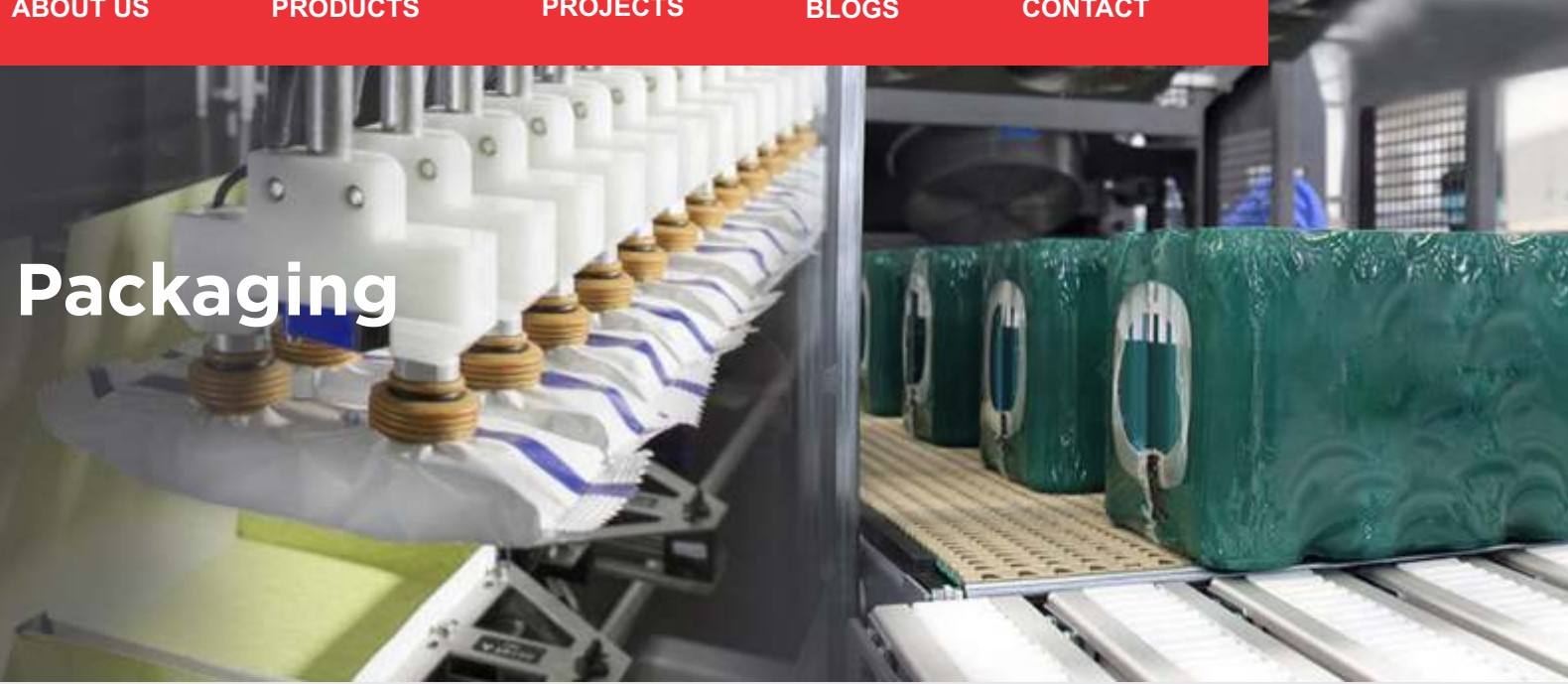
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Secondary Packaging Machines



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The purpose of Secondary Packaging is to protect and provide branding of primary packaged products.

Case Erector

When it comes to reducing costs, while increasing your productivity and efficiency, you can't beat a carton erector. Combined with carton sealers, these machines allow you to quickly and consistently form corrugated boxes and seal them after packing. They're faster and more reliable than doing the job by hand, making them perfect for operations that need a large number of cartons erected at a time.



Description Features Technical Specifications Application

Case Erector Machine is used to erect carton which have been shaped automatically and use tape as sealing materials to seal the bottom cover of carton. It is used for forming boxes from their collapsed corrugated form, this machine can also be customized as per your requirements of carton dimensions or tape size.

Here we supply automatic carton erector machine which can be used for widely range such as household appliances, spinning, food, general merchandise, medicine, chemical industry, ceramics, stoker industry and so on.

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Description

Features

Technical Specifications

Application

- Easy to load magazine
- Load while the machine is in operation
- Simple and fast magazine adjustments
- Pick-up frame ensures 90 degree angles on case corners
- Unique flap folders maintain 90 degree corners
- Spring-loaded side belts hold case firmly in position
- Available with Sealing with Tapping, Glueing and both together

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DescriptionFeaturesTechnical SpecificationsApplication

Model	CEr-18	CEr-30	CEr-50
Capacity	18pcs/min	30pcs/min	50pcs/min
Carton collecting	100pcs(1000mm)	80pcs(800mm)	80pcs(1000mm)
Carton size	L:250-400mm	L:240-510mm	L:240-510mm
	W:150-350mm	W:190-400mm	W:190-400mm
	H:100-350mm	H:100-350mm	H:100-350mm
Power	220V 1Φ 200W	380V 3Φ 746W	380V 3Φ 746W
Air Consumption	0.6Mpa 450NL/min	0.5Mpa 300NL/min	0.5Mpa 300NL/min
Machine Size	L2400*W1200*H1450mm	L2372*W1210*H1820mm	L3120*W1250*H1740

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- Description
- Features
- Technical Specifications
- Application



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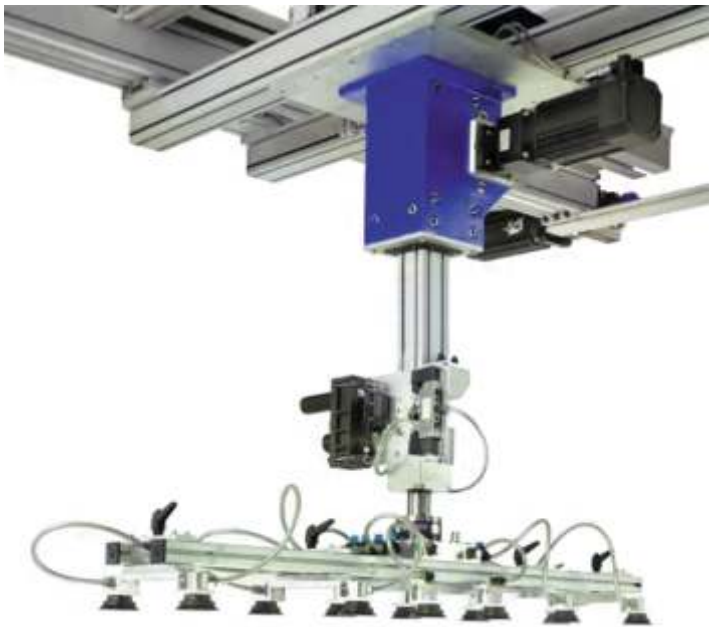
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Pneumatic Pick & Place Machine

Pick & Place system is widely used in packaging industries to transfer the products from one location to other. It is based on Pneumatics i.e. system powered by compressed air/inert gas. Pneumatic System can be controlled manually or by automated solenoid valves.

a pneumatic pick-and-place unit, an electro mechanical pick-and-place device consists of one to three linear axes. Each axis is a ball screw driven by a stepper motor or servomotor equipped with an encoder.



Description	Features	Technical Specifications	Application
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Pick and place machines are automated equipment used in manufacturing processes to pick up and place components or products precisely in their designated locations.

Pick and place machines consist of a robotic arm, vacuum suction cups, or mechanical grippers that pick up products or components from a feeder or conveyor belt and place them in their designated locations. They can handle a variety of shapes and sizes, making them a versatile option for many primary packaging.

Secondary Packaging Machines

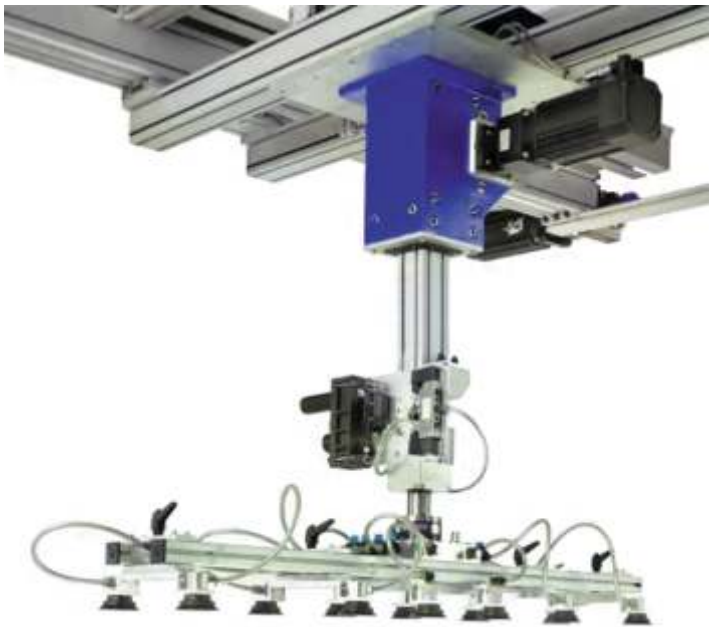
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Description **Features** Technical Specifications Application

Pneumatic pick and place applications utilize for automated lift and release of work pieces. Such pick and place tools are widely seen in modern manufacturing applications for automatic material handling.

Vacuum systems make such applications efficient and cost-effective and are seen in the following types of pick and place applications:

- Automatic assembly of parts in electronic device manufacturing
- Lifting and stacking one or multiple boxes in warehouses
- Picking up the defective items from the conveyor belt
- Packaging of food products in food processing facilities
- Lifting glass panes or floor tiles
- Lifting sheet metals, injection molded parts in automotive manufacturing

Secondary Packaging Machines

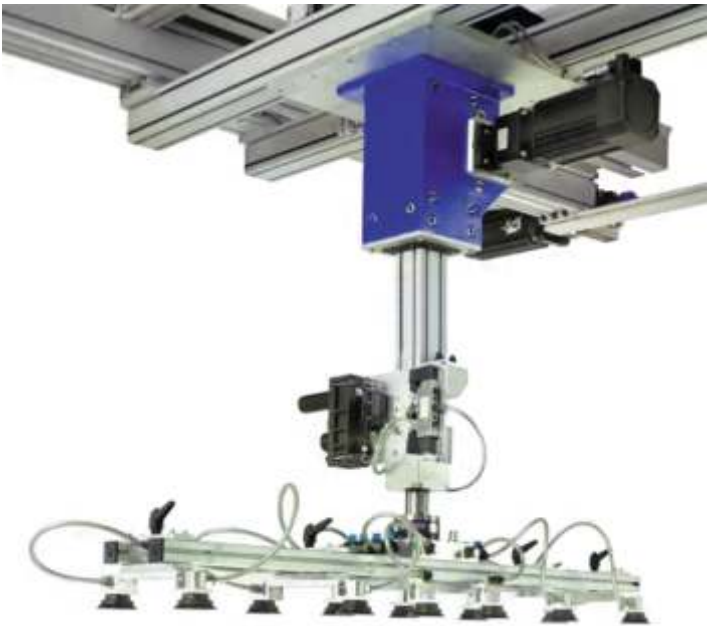
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Description Features **Technical Specifications** Application

Types of grippers

Choosing the right gripper seems challenging, especially with so many different types of grippers in robotics. Generally, grippers can be divided into 5 main types.



Vacuum grippers

Vacuum grippers use a rubber or suction cup to generate atmospheric pressure and a vacuum to pick up objects. The vacuum flow must remain uninterrupted to ensure that your robot can safely hold the thing.



Magnetic grippers

Pneumatic grippers use compressed air to operate gripper jaws or fingers. These fingers are similar to human fingers, helping in grasping, holding and releasing the work pieces.



Hydraulic grippers

Hydraulic grippers are designed for a hydraulic system. Hydraulic grippers are powered by hydraulic fluids, offer more gripping power than pneumatic grippers and make themselves ideal for heavy-duty applications.



Electric grippers

Electric grippers are the other option when looking for a power source for robotic grippers. Electric grippers are popular for many applications, including pick and place. They are suitable for high speeds and light or moderate force applications.

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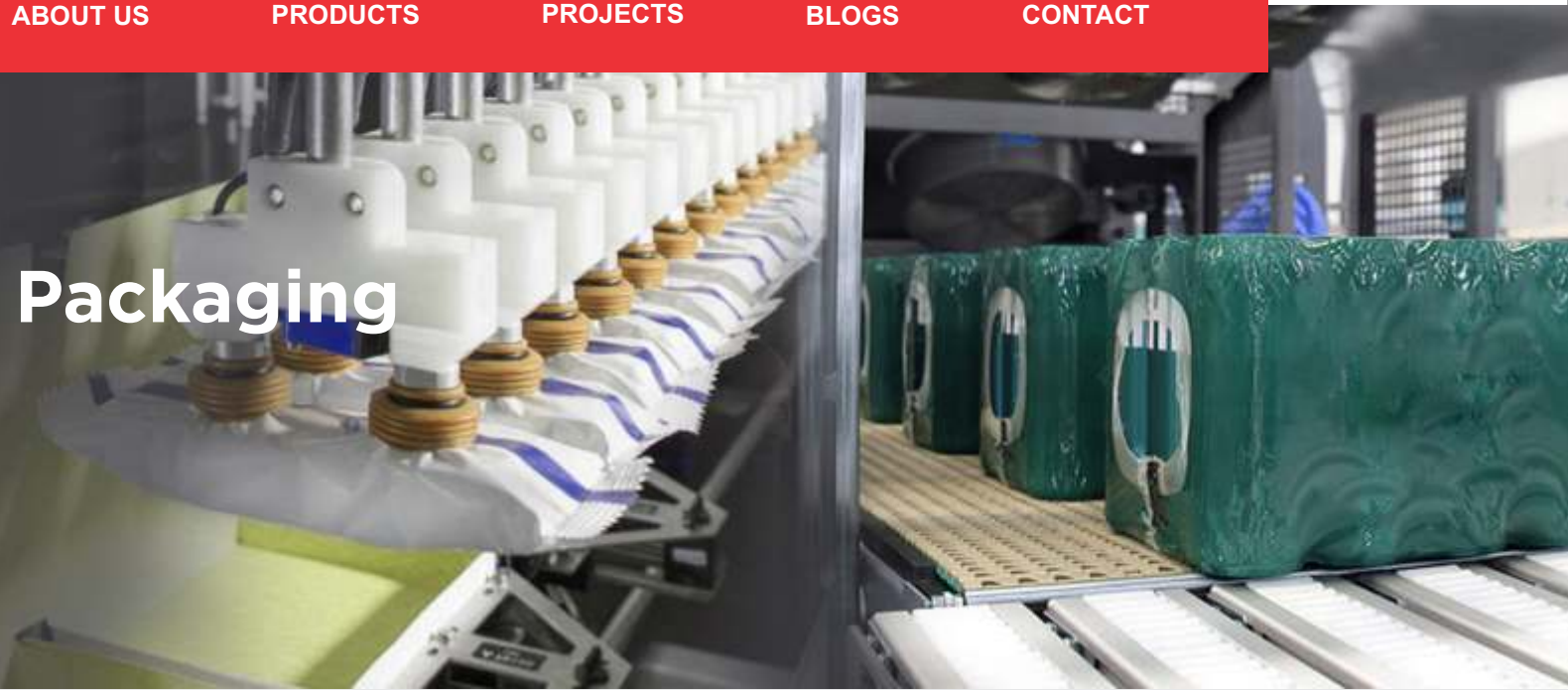
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Lane Divider

Lane Divider system will be installed after the bottle/cartooning machine, after labeling or before labeling as per requirement, but the purpose of lane divider system to feed /distribute the products equally into proposed /existing lanes to make required matrix to fulfill the next line requirements like for shrink-wrap or for pick and place of the matrix.



Description	Features	Technical Specifications	Application
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<p>Lane Divider system will be installed after the bottle/cartooning machine, after labeling or before labeling as per requirement. but the purpose of lane divider system to feed /distribute the products equally into proposed /existing lanes to make required matrix to fulfill the next line requirements like for shrink-wrap or for pick and place of the matrix .</p> <p>Lane divider works with 2 main sections of system 1, Arm Assembly with servo motor and 2, Proximity sensor section. The lane divider is installed by studying the product moving direction and conveyer moving direction.</p> <p>The bottles coming out from labeling machine makes a single line and travel in a single line and enter into funnel (Tale Side) of D-ARM (Distribution Arm) enters into ARM Cavity. As there is a solenoid valve mounted in front (Discharge side) of the D-ARM to hold the bottles and feed uniformly to proposed/set partitions.</p>			
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DescriptionFeaturesTechnical SpecificationsApplication

- From 1 to 8 lanes in a compact footprint
- Handling of a wide range of products
- Distribution without stopping the flow of products: the longitudinal movement of the arm, at the same speed as the conveyor, means that the products are never blocked when changing lanes
- Guide design and position adapted to the product (shape, resistance, label, etc.)
- No need to create a space between products whose shape enables detection. Creation of a space only for shapes such as cartons, cube-shaped products, etc.
- Easy access to setting points
- Reduced noise level

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DescriptionFeaturesTechnical SpecificationsApplication

Power supply:	220 - 240 V
Installed power:	990 W
Speed up to:	150 p/min.
Product maximum height:	380 mm
Working board height:	945 - 1105 mm
Machine size:	2445 x 1575 mm x 2155-2315 mm
Machine net weight:	590 Kg

- Maximum capacity up to 150 products per minute
- Electromechanical system for division of products on multiple lanes, motorized and controlled by Inverter and Encoder
- Independent control panel, interfaced with the panel of the shrinkwrapper
- Control sensor of the infeed flow in order to ensure a regular pressure at the entrance of the product
- Accumulation sensors at the outfeed of the divider in order to control the feeding of the product and its presence on each lane
- Up to 20 different working cycles

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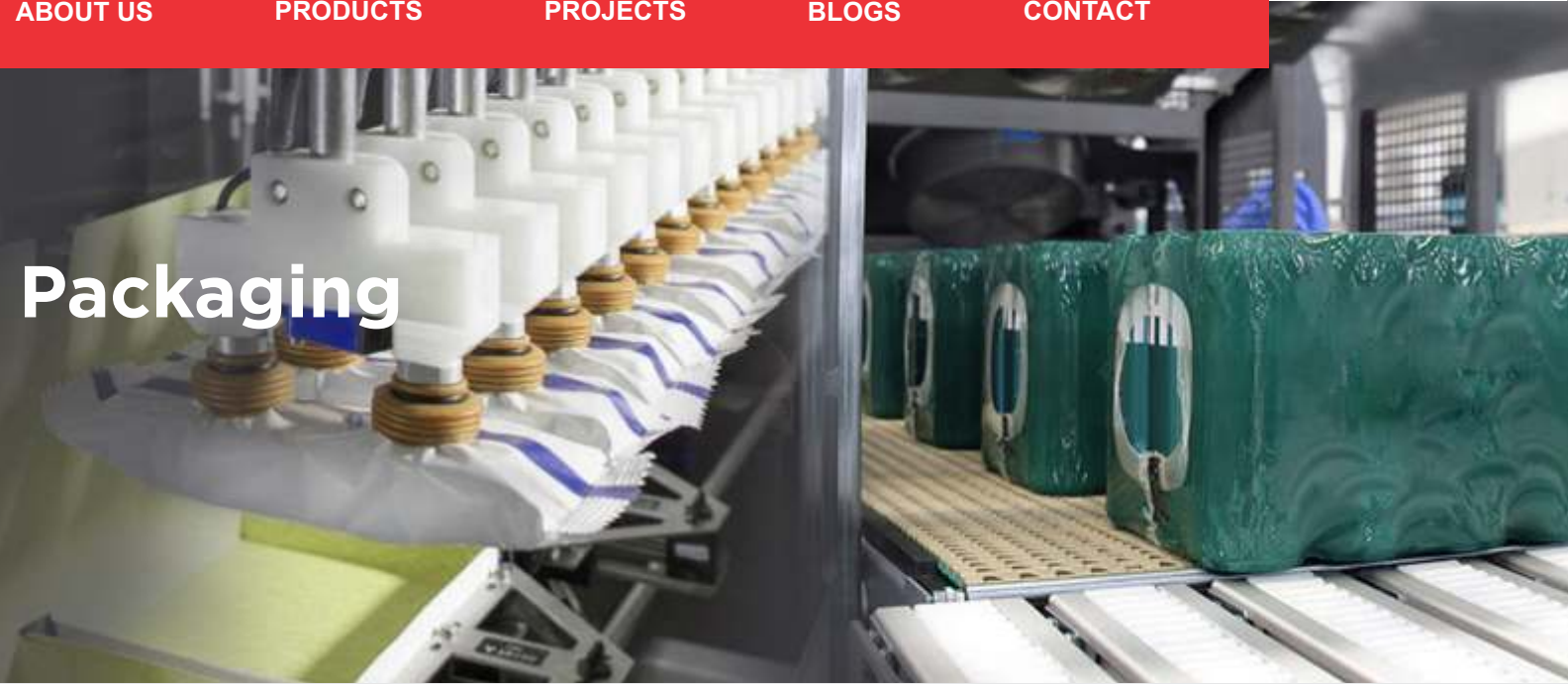
Features

Technical Specifications

Application



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Taping Machine (Carton Sealer)

Two sides belt driven **Carton Sealer** is driven by the belts on the both sides, with BOPP tape seal, box can be sealed smoothly.

The size can be adjusted manually according to the box's size which is easy and convenient to replace labors, increasing work efficiency up to 30% and saving 5%-10% consumables. This machine is an ideal option for boxes, it can save costs and increase producing efficiency. It can be widely used in food, medicine, toys, tobacco, chemicals, electronic and other domestic industries, etc.



Description	Features	Technical Specifications	Application
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Industrial automatic carton sealer is a sort of packaging device used to seal packed cartons. In factories and warehouses where a huge number of cartons need to be swiftly and effectively sealed, this type of sealer is frequently utilized.

Depending on the type and speed parameters, it may seal up to several thousand cartons each hour. Our offering enables you to swiftly and consistently manufacture corrugated boxes and seal them after packing by working with carton sealers.

Industrial automatic carton sealer is ideal for operations that require a large number of boxes to be erected at once since it is quicker and more dependable than doing the process by hand.

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Description **Features** Technical Specifications Application

- Top and bottom belt driven
- Use four belts to complete the upper and lower drive sealing box, ensuring the sealing box is smooth and fast, and is used in lighter and narrower cartons.
- Top driven stabile design and low-energy motor
- Top driven adopts handle knob + folding plates smooth + box position wheel, lockbox position wheel and keep folding plates smooth with handle knob, preventing carton from lifting and making the sealing beautiful.
- Manually adjust height and width according to carton size within only 1 minute.
- The stainless steel roller with high abrasion resistance, easy to clean dust and dander, Increasing convey speed, low noise, long lasting

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DescriptionFeaturesTechnical SpecificationsApplication

Conveyor speed	20m per min
Carton Size	L 150 x W 180-500 x H 150-600 mm
Power Supply	110/220V 50/60Hz 1Phase
Power	240W
Adhesive Tape Width	48/60/75mm
Table Height	600 mm (Approx)
Machine Dimension	L 1020 x W 850 x H450 mm
Machine Weight	130 KG (Approx)

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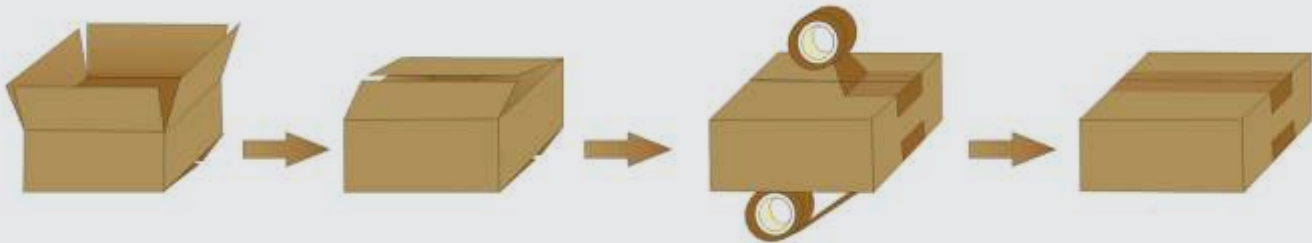
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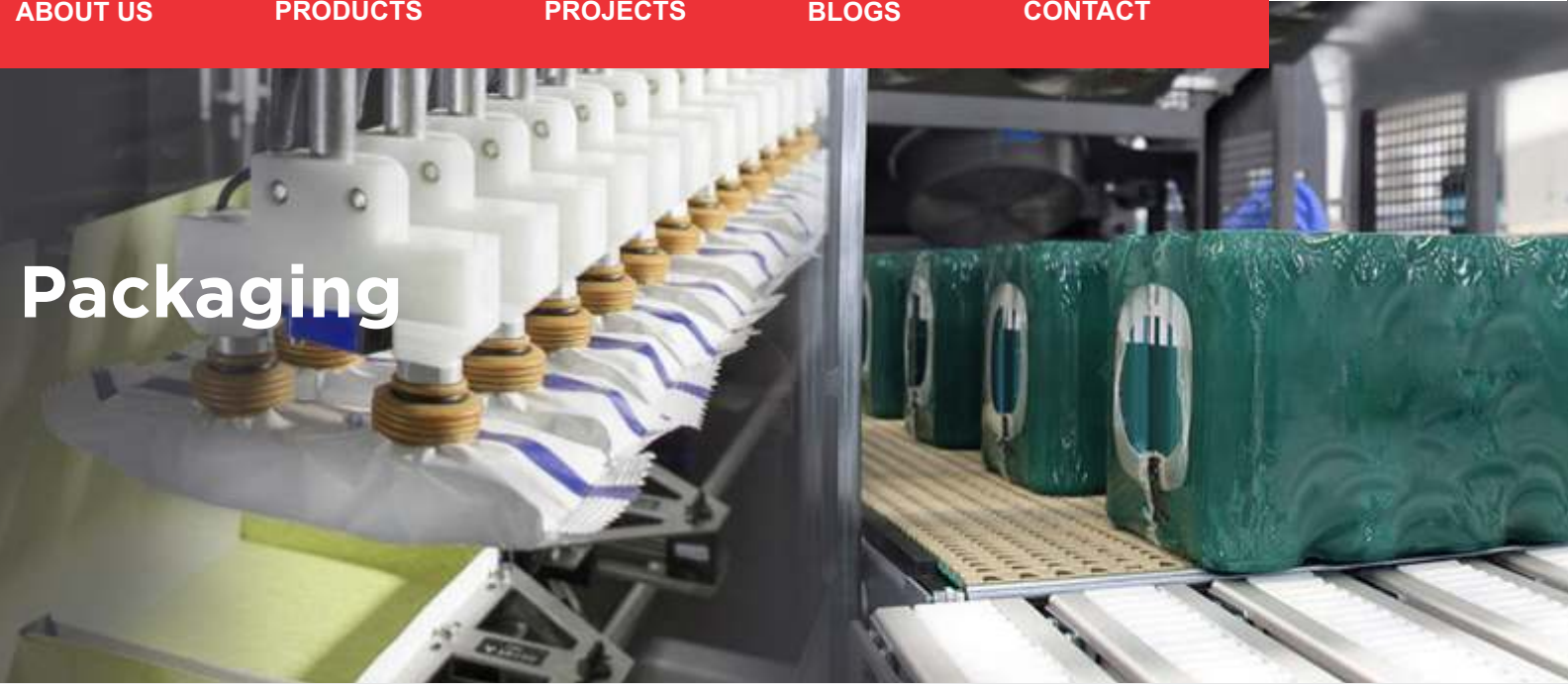
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Description Features Technical Specifications **Application**



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Fully Automatic Case Packer Machine



The case packing machines from **FOREVIEW** are reliable, efficient, and easy to operate. With over 400 traditional case packers and robotic case packing installations, we continue to be a leader in the case packing industry. These systems are designed for maximum flexibility, to accommodate diverse product requirements.

DescriptionFeaturesTechnical SpecificationsApplication

A **Case Packer Machine** is an automated machine that sets up a tray or wrap around case and loads product from the side, top or bottom. After the product is loaded, the case is closed and sealed by glue or tape.

The Machine consists of a single integrated unit with 3 sections:

- Box erector (forms the box and closes the bottom)
- Product-Handling, collating, top-loading pick&place
- Box closing and sealing

This compact, fully integrated case packer is designed to meet the needs for low to mid-capacity case packing, keeping the focus on the quality and on the footprint savings.

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DescriptionFeaturesTechnical SpecificationsApplication

- Adaptable to many formats, quick and easy to change
- Adjustable flatbed cutter magazine
- Mils Steel Powder coated construction
- Automatic feeders adapted to your products, rates and layouts (flat or edge batching, stacking, tightening, pushing or gripping)
- Packing of full wrap, partial wrap, tray, corrugated or micro flute boxes
- Our teams accompany you on cardboard developments (design of blanks, easy openings) in order to guarantee an efficient palletization

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DescriptionFeaturesTechnical SpecificationsApplication

Case packing solutions from **FOREVIEW** offer a wide range of options, including:

- Side load case packers


- Direct load case packers


- Top load case packers


- Drop Down case packers


- Gantry and Robotic Type



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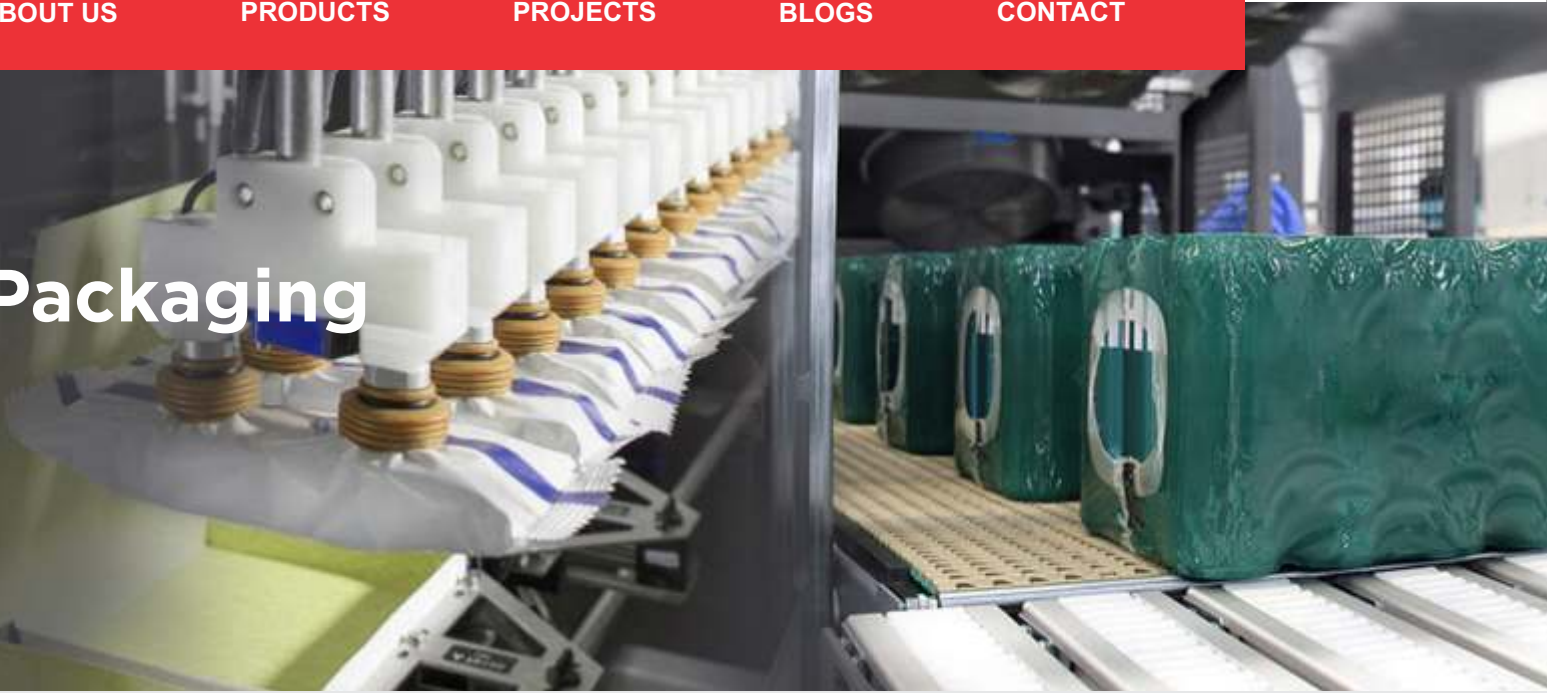


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Fully Automatic Shrink Wrap Machine

Shrink Wrapping Machine like any packaging process involves Preparation of wrapping material (film), Preparation of product, Enclosing (wrapping) in a sleeve of LDPE film then Shrinking/cooling and discharge. There are three main process of Fully Automatic Shrink Wrap machine, like product Collation, wrapping mechanism and Shrink Tunnel.

Machine becomes Semi-Automatic when collation or Wrapping process is done manually. Shrink-wrapping Machine Each part of the process including the product itself can affect the speed, versatility, and quality resultant pack.



Description	Features	Technical Specifications	Application
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Shrink wrapping System will be suitable to accept your pack. The machine shall have an output of 3 to 4 packs/minute with the consist of three sections below:

- **Film Wrapping / Sealing**
- **Shrink Tunnel**

FILM WRAPPING / SEALING

The pack which is transferred from the feeding table to wrapper conveyor carries the film along with it. A Moisturized Film Unwinding system shall be provided to unwind adequate amount of film required for wrapping. A dancing roller with a proximity switch shall be provided to unwind the necessary film.

The front sealing jaw shall have a sealing of suitable width. This jaw will have a continuous arrangement for cutting and sealing of film. The temperature of the sealing head shall be controlled with help of a Temperature Controller (Continuous Heating). At the time of wrapping the pack shall also be held from top with the help of an Pneumatic arrangement. The push of the next pack transfers the bottles onto the Shrink tunnel Conveyor Belt.

SHRINK TUNNEL

The Shrink Tunnel shall be fabricated from Mild Steel structural with Mild steel paneling duly primed and painted. The design of the machine shall be suitable to accept your pack size. The Shrink Tunnel shall consist of a Heating chamber, which shall be well insulated with Rock wool, to reduce loss of heat.

The Shrink Tunnel also consists of a chain conveyor linked with G. I. Mesh. The conveyor motion shall be of continuous type. The conveyor shall be driven by a D.C. Motor through a Gear Box, to achieve speed variation for ensuring a proper shrinkage. A cooling fan shall be provided at the exit end to ensure a tight wrap. The necessary idle conveyor shall be given for easy collection of pack.

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Description **Features** Technical Specifications Application

- Protection from Dust, Moisture and foreign Particles by Automatic Sealing machine Or Single-Phase Web Sealing Machine
- Give stability to the pack by Web sealer Shrink machine
- Scratch Resistant by Manual Plastic Sealing Machine
- Handling becomes easy and fast by Shrink Wrap Tunnels Or Sleeve Wrapper with Shrink Tunnel Machine
- Economical Mode of packing
- Prevent Telescoping of Rolls
- Saving Packaging Labor and time by Fully automatic Shrink Wrap Tunnels
- Attractive Packing Than printed boxes
- Low maintenance cost

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Description

Features

Technical Specifications

Application

POWER	3 Phase, 440 VAC 50 Hz, 9-11Kw.
COMPRESSED AIR	7 to 9 cfm at 80 psi. (customized)
MACHINE SIZE	3600x1150x1550mm (LxWxH).
MACHINE WEIGHT	1100 Kgs.

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Flow Wrap Machine

Foreview introduces a new fully servo-driven horizontal Flow Wrapping Machine designed to provide smaller or start-up operations with all the efficiency advantages with at entry level cost.

Built in a heavy-duty MS powder coated frame, capable of handling 100-300 packs per minute depending on size of the product. A fully adjustable forming box makes it suitable for Pharma, medical, food and non-food products.



Description Features Technical Specifications Application

The product is fed into the machine either manually or automatically. The product in-feed conveyor indexes items forward and encloses them into a formed tube of film. This web of material is then sealed using a “fin seal”. The enclosed product is then further indexed to be end sealed and cut off in a continuous process. The result is a neatly wrapped finished product. The belt out-feed conveyor provides smooth transfer of product from the machine to accumulation area or for feeding directly to your transfer conveyor.

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DescriptionFeaturesTechnical SpecificationsApplication

- Capacity: 100 to 300 packs per minute (depends on product size)
- Box motion end sealer model for hermetic seal package.
- Welded integral frame for improved strength and small foot print.
- Heating system with accurate temperature control and saves energy.
- Easy cleaning cantilevered frame design allows products crumbs to fall through wrapper.
- Touch panel operation.

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Description

Features

Technical Specifications

Application

Speed	Up to 120 packages/ min
Bag Length	3.25" - 12.5"
Max Product Height	3"
Max Product Width	4.75"
Infeed Conveyor Length	5 Feet
Max Film Width	12.5"
Max Film Diameter	12.5"O.D. Film Core: 3" I.D.
Machine Dimensions	112" x 32" x 60" (L x D x H)
Electrical	230V, 1-ph, 15A

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Overwrap Machine

The machine is suitable for the automatic packing of box-shape single objects or box-shape many objections such as pharmacy, food, health products, tea, cosmetic present stationary, audiovisual products etc.

Also suitable for vertical Layer Collating and Overwrapping of rectangular and square cartons with heat sealable film, depending upon Product Dimensional Size & Actual Product Shape

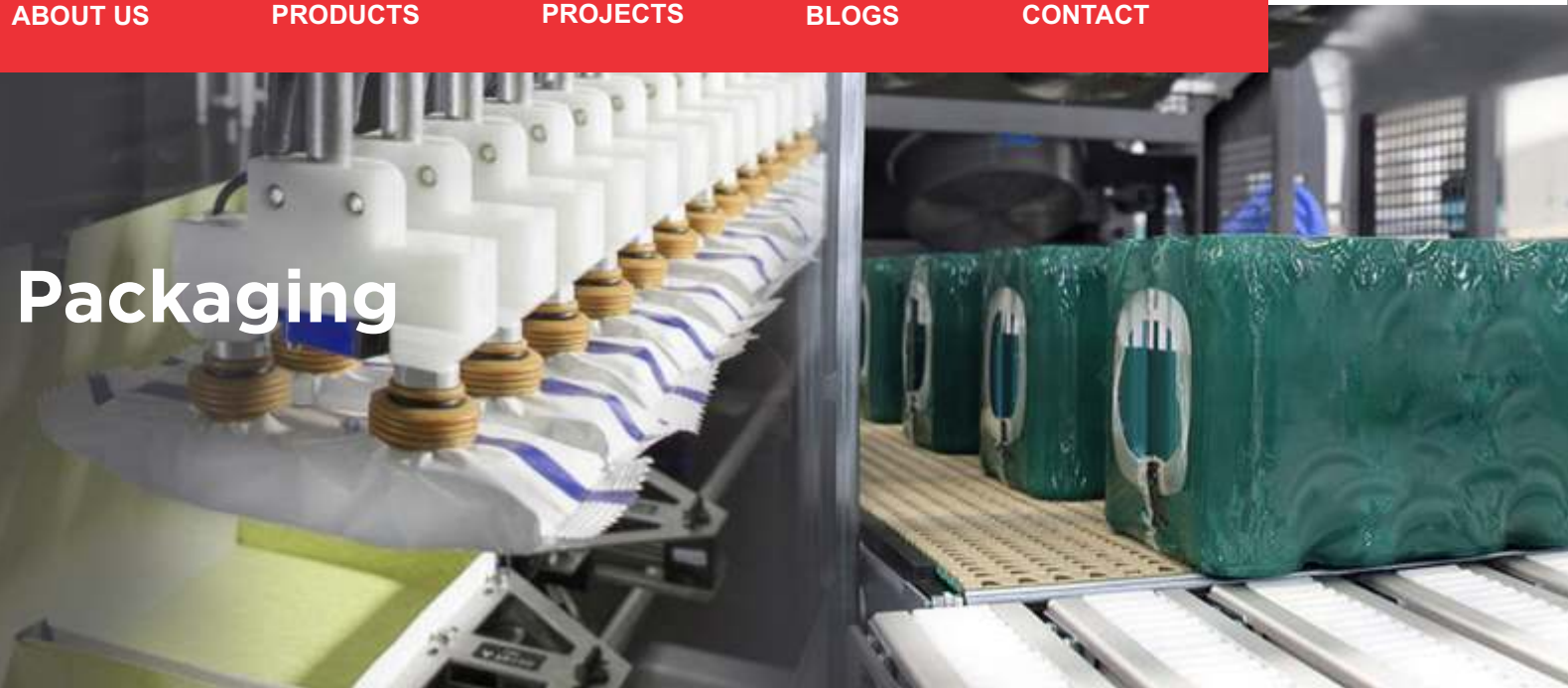
It can replace the box in the paper and can reduce the packing cost about 95%. Using the machine to pack can defend take proof moisture and proof dust, etc. It improves the productions level, which increase the production additional value. The machine can be linked with Cartoning machine to increase packing production line.



Description Features Technical Specifications Application

This is the ideal overwrapping envelope-type packing machine offering innovative and modern packaging solution to the different packages in the shape of square, cylindrical, oval. it makes the packaging form in single or assembly packaging. it's widely used in the variety of industries including the food, cosmetic, chemical and other industries, such as round biscuit, sliced bread, food box, perfume box, soap etc. it makes the packages of eco-packs such 5 packs in 1 pack which saves the packing material and protect the environment.

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Description Features Technical Specifications Application

- The machine can be linked with Cartoning Machine
- The film roll can be mounted or removed from the machine in few seconds
- The temperature of the heaters can be adjusted independently within 1 Deg. Cen
- The end sealing unit returns automatically when machine is stopped
- Parts of the machine coming in contact with Cartons are made of stainless steel to ensure Smooth movement of the cartons
- Specially designed Rotary cutter gives a smooth cut and has long life
- P.T.F.E. coating is given to parts wherever necessary for the smooth flow of the film
- Safety clutch & collating up to six layers
- Working voltage of all the Heaters are 110 V for the safety of the operator

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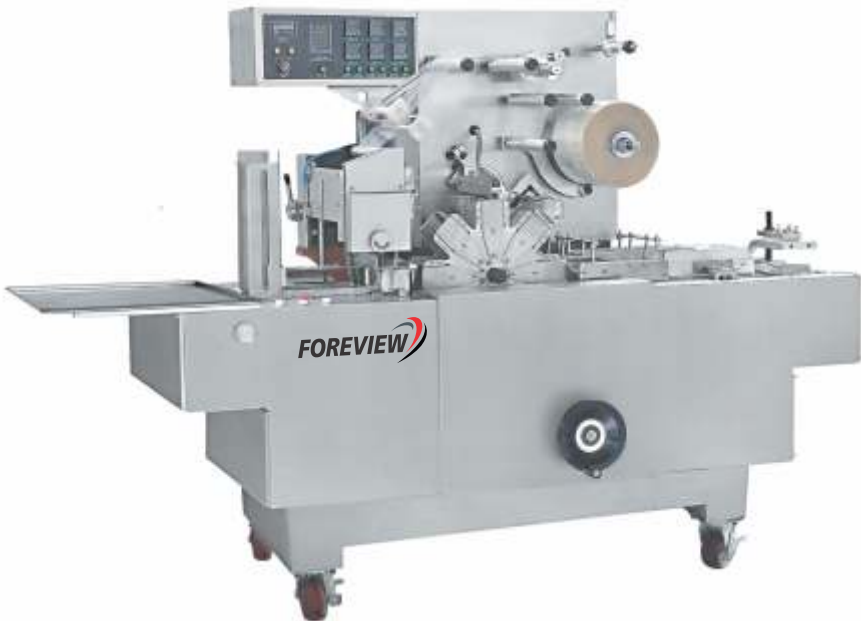
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Description

Features

Technical Specifications

Application

Electrical	220V 50Hz
Power	50/60HZ AC220V
Packaging Speed	40-80pcs/min
Film Type	BOPP Film and Easy Tear Line
Maximum Packing Size	L240 x W120 x H60mm
Machine Dimension	L2000 x W700 x H1400mm
Machine Weight	1000kg

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Description

Features

Technical Specifications

Application



Analytics

Accurate detection, inspection, and measurement of food is integral to safety & quality and ultimately to your brand’s reputation. FOREVIEW apply technologies to improve detection and inspection processes in food manufacturing to achieve heightened sensitivity, better reliability and accuracy, and operational efficiencies with a focus on helping you continually improve business performance while protecting your brand.

Dynamic Check Weigher Systems (CW-100 series)

Dynamic checkweighers are designed to check the weight of your products directly in your production lines without having to stop them. They present many advantages for the control of prepackaged goods, missing products and tolerance checks.

On-line high-speed, high-sensitivity, high-stability dynamic weight detection system, which is suitable for packaging product weight detection to ensure quality standards. Widely used in online weight check for big carton/bag packed food, agricultural products, consumable and other industries.



Description Features Technical Specifications Application

A Unique Equipments brings forth on line dynamic check weigher machine and many such systems. This sophisticated system in unique design comes with precise weigh controls. Stainless steel is used for making its structure. Latest automation technology supports the structure. And, all components are fully embedded. The excellent visibility is ensured with large color touch screen. System’s easy operations reduce operator errors as well as ensure accuracy and efficiency of packing line. Dynamic load-cell based technology ensures correctness and completeness of weight of products.

Analytics

Accurate detection, inspection, and measurement of food is integral to safety & quality and ultimately to your brand’s reputation. FOREVIEW apply technologies to improve detection and inspection processes in food manufacturing to achieve heightened sensitivity, better reliability and accuracy, and operational efficiencies with a focus on helping you continually improve business performance while protecting your brand.

Dynamic Check Weigher Systems (CW-100 series)

Dynamic checkweighers are designed to check the weight of your products directly in your production lines without having to stop them. They present many advantages for the control of prepackaged goods, missing products and tolerance checks.

On-line high-speed, high-sensitivity, high-stability dynamic weight detection system, which is suitable for packaging product weight detection to ensure quality standards. Widely used in online weight check for big carton/bag packed food, agricultural products, consumable and other industries.



Description

Features

Technical Specifications

Application

- High speed, high sensitivity, high stability dynamic weight checking
- Buckle design, easy to clean, simple to disassemble
- 7-inch touch screen, user-friendly function
- Multi language & Data storage with Large memory capacity
- Accurate and efficient rejecter system
- Brief user parameter setting, easy for operation
- Good environmental adaptability and stability

Analytics

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DescriptionFeaturesTechnical SpecificationsApplication

HMI Display	7" Touchscreen, 10"Touch Screen (Optional)
Power Supply	Electrical – 110/120 or 220/240 VAC, 50 or 60 HZ, single phase 15 A Max
Compressor Air	Dry, 550-690 kPa, 5.5-6.9 bar (80-100 psi) » 1,000 l/min (35 CFM) Depending on application and configuration
Operating Temperature	0 C to 40 C
IP Level	IP54 (IP65 option)
Loadcell	Strain Gauge, Damped Loadcell (Option) - Excitation Voltage - 5V to 10V DC
Material	Frame & Control Panel: 304 grade Stainless Steel Rollers: Hard anodized aluminum; load cell aluminum or SS (option) Belts: Depending on conveyor dimensions and application

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Dynamic Case Weigher Systems (CW-100 series)

Dynamic case weighing works like this: the scale measures the average weight based on the force exerted by over an extended period of time. Once the internal calculation is completed by the balance, it will hold the value.

The Case Weigher - CAW are Preferable to use in all industries such as Food, Pharma and all Industries those require dynamic weighing system. Quick weight calculation. Continuous, dynamic weighing. And synchronization with existing conveyor systems.



Description

Features

Technical Specifications

Application

Dynamic Case Weigher (100 series) are designed to check the weight of your products directly in your production lines without having to stop them. They present many advantages for the control of prepackaged goods, missing products and tolerance checks.

The scale works by using pressurized air to balance out the weight of the object, and the amount of air required is therefore used to determine how heavy the object is. The pressure gauge then converts the reading into an electrical signal.

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Description

Features

Technical Specifications

Application

- Dynamic Weighing System in End of Line for packed bulk products
- User friendly screen display arrangement
- Different type of Rejection System available like Pusher, Diverter, Line Diversion, Belt Stop

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DescriptionFeaturesTechnical SpecificationsApplication

Capacity:	10 Kg x 2g, 30Kg x 5g, 50Kg x 10g, 100Kg x 20g, 150Kg x 50g, 200Kg x 100g
HMI Display:	7" Touchscreen, 10"Touch Screen (Optional)
Power Supply:	Electrical – 110/120 or 220/240 VAC, 50 or 60 HZ, single phase 15 A Max
Compressor Air:	Dry, 550-690 kPa, 5.5-6.9 bar (80-100 psi) » 1,000 l/min (35 CFM) Depending on application and configuration
Operating Temperature:	0°C to 40°C
IP Level:	IP54 (IP65 option)
Loadcell:	Strain Gauge - Excitation Voltage -5V to 10V DC
Accuracy Class:	Y(a) III
Material:	Frame & Control Panel: Mild Steel, 304 grade Stainless Steel (On request) Rollers: MS Zinc Plated, 304 grade Stainless Steel (On request) Belts: Depending on conveyor dimensions and application - PU, PVC, Modular etc.

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Metal Detector

The metal detectors are independent machines, which are integrated to the packaging installations and serve for a quality control of the ready packages. Belt type metal detectors are usually positioned after the output transport belts and before the rotary tables.

If the premise space is an issue, so called gravity fall metal detectors are used instead to save space. The latter are positioned under the dosing device and before the bagging machine.



DescriptionFeaturesTechnical SpecificationsApplication

Metal Detectors are custom manufactured to suit any application, uses Digital Signal Processing technology and has high sensitivity levels to ensure the detection of the smallest ferrous, non-ferrous and stainless steel contaminants.

The built-in data collection software with USB data transfer establishes an effective critical control point complying with stringent HACCP regulations.

Metal Detectors offer protection. They protect your equipment from damage, they protect your product from contamination, and they protect your company image from recalls due to adulterated product.

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Description

Features

Technical Specifications

Application

- Compact and stable design. Stainless steel construction and PVC belt
- Storing 52/100 (HMI) work programs
- Easy and intuitive control via HMI
- Saving statistical information of the scanned production
- Availability of sound and light signals when detecting faulty production
- Auto teaching and auto balancing function
- Different executive mechanisms in case of faulty production - a pneumatic pusher or a separating arm

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DescriptionFeaturesTechnical SpecificationsApplication

Conveyor Belt Running Speed	35 M ~45 M/ Min Variable Speed
Detection width	30-80 cm, Customized
Detection height	8-50cm Customized
Alarm mode	The buzzer alarm, the motor automatically stop
Transfer speed	25 meter / min or you can select adjust speed
Power	100-265VAC, 50-60Hz (According to customer request)
Size	(150-170)cm(L)*(80-90)cm(W)*(85-120)cm(H)
Voltage	110~ 220V, 50HZ
Reject System	Alarm And Stop, Push Rod, Gas Blast, Fall Drop
Height	700 Mm 50 Mm
Conveyor Belt	Chain Link
Frame	304 / 316 Stainless Steel
Weight Range	10g-5000g
Weight	300 Kg

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