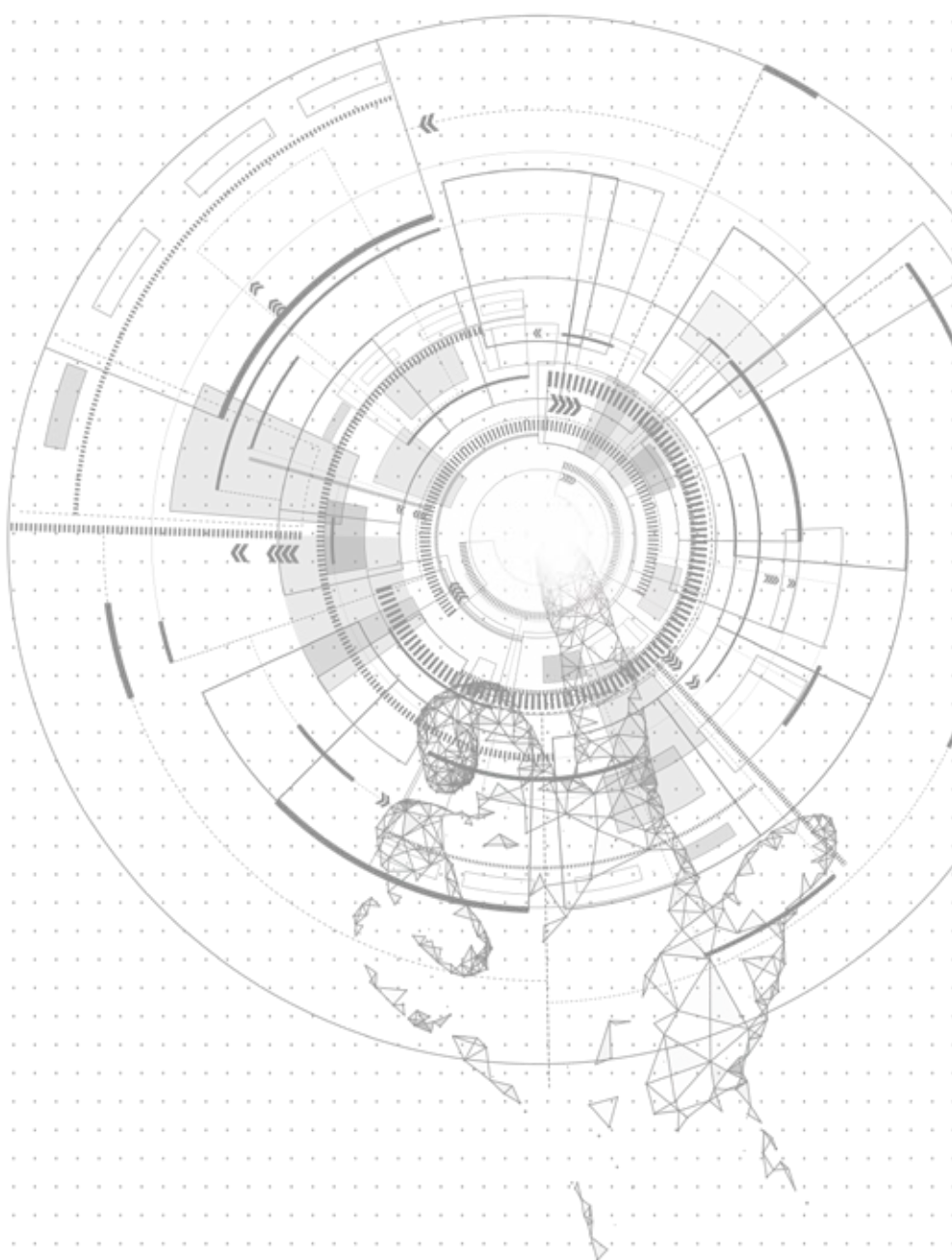




PACKAGING MACHINERY

Automatic packaging systems
End-of-line solutions



Engineering Efficiency

Global end-of-line solutions



WE DESIGN
WE BUILD
WE INTEGRATE



The team of professionals that make up DNC are the main value of our company.

Professionals committed to their work to offer you comprehensive and quality care in all the services.

Our teams treats your concerns like their own and will accompany you throughout the end-of-line automation process.



Experts in packaging





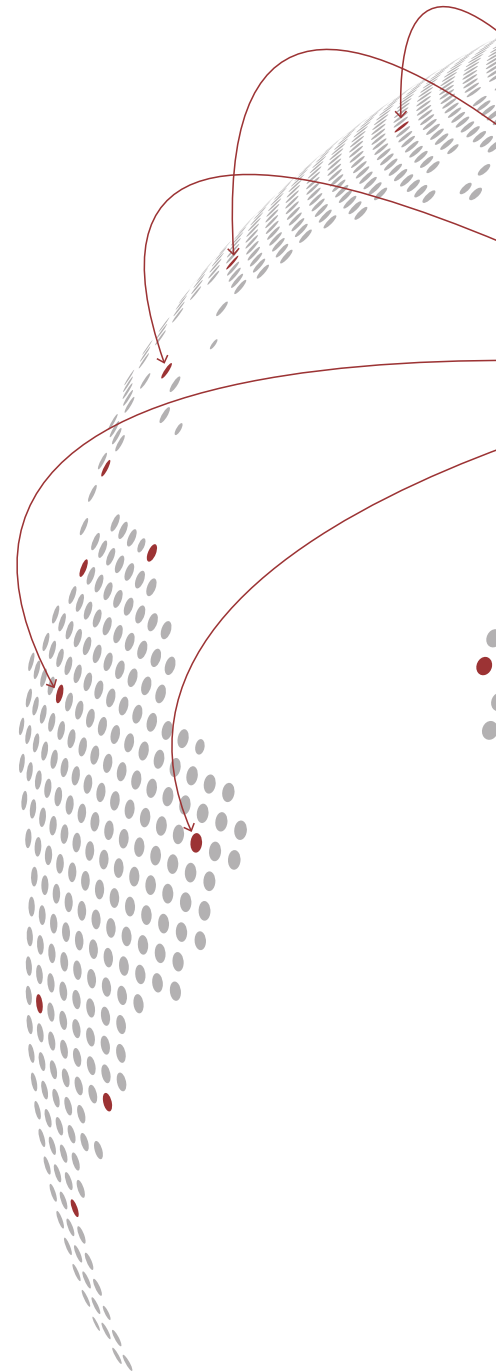
Since 1995 we have been designing and manufacturing end-of-line packaging machinery. These **more than 25 years of experience** allow us to offer you the most suitable solution for each production need, either with standard equipment or with applications customised to your requirements. We offer you a comprehensive service, from the design of the initial implementation to the start-up and technical assistance. We are the best guarantee of success for your project.



World-wide presence

The best recognition of our commitment to excellence is **over 15,000 solutions installed in more than 50 countries**, with applications in all business sectors. We work all over the world, always maintaining the spirit of service and proximity to our clients.

We have a wide network of agents, distributors and partners ready to advise and accompany you on the path to automation, with knowledge and experience to provide technical support anywhere in the world, in person or online.







Over 25 years of experience in the industry

Efficient Engineering



WE DESIGN

Our team is ready to develop an exclusive solution to your needs. As engineers we are passionate about the challenge of facing new projects in the world of packaging every day.



WE BUILD

We are manufacturers and we have the ability to produce the ideal equipment for your production requirements, with a full guarantee of operation and service.



WE INTEGRATE

Our experience as a company in the packaging sector is reflected in each project we carry out. All of our equipment has been designed to be integrated into automatic production lines.



“In these 25 years we have consolidated a great team of professionals, with all the knowledge to know what your business needs, whatever product you work with.”

Núria Serra
CEO

“At DNC we take care of designing projects from the beginning, working with the client in the creation of their end of line. A good diagnosis is the key to the success of any project.”

Salvador Durbau
Project manager



Comprehensive end-of-line solutions

For the meat industry

Palletizing and wrapping of plastic trays with pieces of meat from a slaughterhouse.



For the fertilizer industry

Palletized, vertical strapping and wrapping with rain protection for 20 litre drums of chemical fertilizer.



For the automotive industry

Packing of different formats of automotive lubricants and palletizing, with a single robot, from three production lines.



For the paint industry

Wrap-around packaging of paint cans and bottles to be placed later in buckets and palletized.



For the metallurgical industry

Transport system with special supports, packing and palletizing of extinguishers of different sizes.



For the pharmaceutical industry

Packing, palletizing and wrapping in the same line of six different formats of gel dispensers and bottles of alcohol and hydrogen peroxide.



For the Wood-working industry

Grouping of wooden blocks for pallets, palletizing in whole layers and simultaneous wrapping.



For the paint industry

Two-line palletizing and wrapping of metal drums of different capacities of plaster paste.



For the beverage industry

Robot palletizing of boxes and barrels from three different production lines, wrapping and labelling.



For the construction industry

Transport on polyurethane blocks, palletizing and wrapping of large insulation plates.



Custom handling applications



Non-contact handling of corn pancakes

Food industry. To feed a fryer of papadums, we developed a system of accumulator carts for fresh pancakes. With a robot equipped with a head of 40 cyclonic suction cups, we place the pancakes on the conveyor that will feed the fryer with a production of 17,000 units per hour.



Exchange pallet of bottles with pharmaceutical product

Pharmacy industry. Repositioning of the bottles that leave the clean room with plastic pallets towards wooden pallets to take to the warehouse. A robot equipped with an artificial vision camera detects the position of the handles of the bottles that come out misaligned from production to palletize them correctly aligned for stocking.



Packaging of wedding dresses

Textile industry. To optimize space in the transport of clothing items that occupy a very large volume, we designed a clamping system. By eliminating the air from inside the boxes, we managed to triple the number of dresses per box.



Palletizing in 18 stations

Plastics industry. In a company which carries out special work dedicated to the production of seedling trays for fruit boxes, we implemented a robot with 18 palletizing stations. By reading the barcode of each box, the robot moves on a 12-metre track and palletizes the boxes that arrive alternated with different products at the different stations.

Specific applications for each industry



Beverages industry

- Bag-in-box packing lines
- Handling of metal drums
- Bottle packers
- Packing of sacks with cork stoppers
- Compact end-of-lines for wineries



Food industry

- Equipment to work up to -28°C
- Frozen bread packing stations
- Encasing of coffee capsules
- Handling of canned food
- Conveyor cage wrapping



Construction industry

- Roller and chain conveyors for very heavy loads
- Palletizing and wrapping of large loads
- Equipment for working in dusty environments
- Oversized aluminium joinery banding
- Handling kitchen countertops



Textile industry

- Forming and closing of large boxes
- Textile roll bundling
- Handling of rolls
- Special conveyors for loads without pallet
- Cargo transportation on special bases



Chemical industry

- Handling of drums with different types of handles
- Equipment to work in ATEX atmospheres
- Handling of big bags and high volume boxes
- IBC container conveyors



For the logistics industry

- Multi-format handling lines
- Picking order preparation stations
- Ergonomic manual picking positions
- Control of weights and volumes
- Product classification for dispatch services



Pharmaceutical industry

- Multi-product packing stations
- Conveyors for light loads in clean rooms
- Compact end-of-line cells
- Equipment with different degrees of IP protection



Other industries

- Aluminium bale palletizing
- Oversized stretch-wrappers for the cardboard industry
- Equipment adapted to corrosive environments
- Straw bale stretch-wrapping
- Double flap case sealers

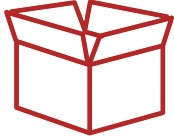


Discover our teams

Our commitment: the care of your product

All our experience in automation and packaging so that the products reach their destination in perfect condition.

We have end-of-line solutions suitable for all levels of production and automation. At **DNC** we make it easy to choose the ideal equipment for your packaging needs, always guaranteeing high productivity.



Pag 18-19

Case erectors

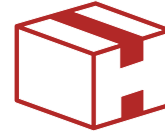
A well-formed box makes it easy to handle later. We guarantee that your boxes will be in perfect condition and their presence will be impeccable.



Pag 20-23

Packing solutions

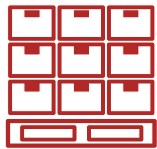
Whatever the weight, shape or texture, we will propose the most suitable way to pack your product quickly and without incident.



Pag 24-25

Case sealers

Any of our closure options (seal, gummed paper or hot melt) offers you the security and protection that your product requires.



Pag 26-27

Palletizers

We handle any type of cargo with precision. We help you optimise space and reduce transport costs with smart palletizing.



Pag 28-31

Pallet stretch-wrappers

Our stretch-wrapping keeps the pallet completely stable and protected for transport, always ensuring a minimum consumption of material.



Pag 32-34

Maintenance and accessories

Maximum quality of all the accessories to our machines for the configuration of comprehensive end-of-line solutions.



Case erectors

PA2

The first step to automation



Benefits:

- Compatible with different box sizes
- Can be attached to a case sealer
- Adjustable working height
- Fast and accurate format change

Equipment to form RSC type boxes in a semi-automatic way, which can also be used as a packing table. Designed to facilitate work in an ergonomic and safe way.

BE

A whole family for big boxes

Benefits:

- Fast and accurate format change
- On-screen graphic help
- Bottom closure of boxes with tape, gummed paper or hot melt
- Warehouse loading without stopping production

The different versions of the BE automatic box erector are especially suitable for applications that work with large boxes. They are robust and reliable machines, designed to work without rest.

BATEC

Reliability and precision
in every box

Benefits:

- Fast and accurate format change
- On-screen graphic help
- Bottom closure of boxes with tape, gummed paper or hot melt
- Warehouse loading without stopping production

It is the automatic erector that supports the most box sizes on the market. All operations are guided through a touch screen with a very intuitive graphic menu. The ideal equipment for demanding productions.





Packing solutions

ZENIT

The most versatile
packing solution

Benefits:

- Compact design
- You can fill two or three boxes at a time
- Quick head change system
- Adaptable to different types of containers
- Multiple deployment options



Automatic packer for rigid or semi-rigid products, adaptable to any production line. Equipped with a quick format change system to work with multiple references. The ideal solution for medium and low production lines.

ROBOTIC SOLUTIONS

An infinite world of applications

Benefits:

- Customised heads
- Solutions adapted to real production needs
- Possibility of working with different products with the same application
- Suitable for very heavy loads
- The same robot can perform different functions



A large number of robots available on the market are configurable for packing applications. We select the most suitable option for each case and customize it according to production requirements.



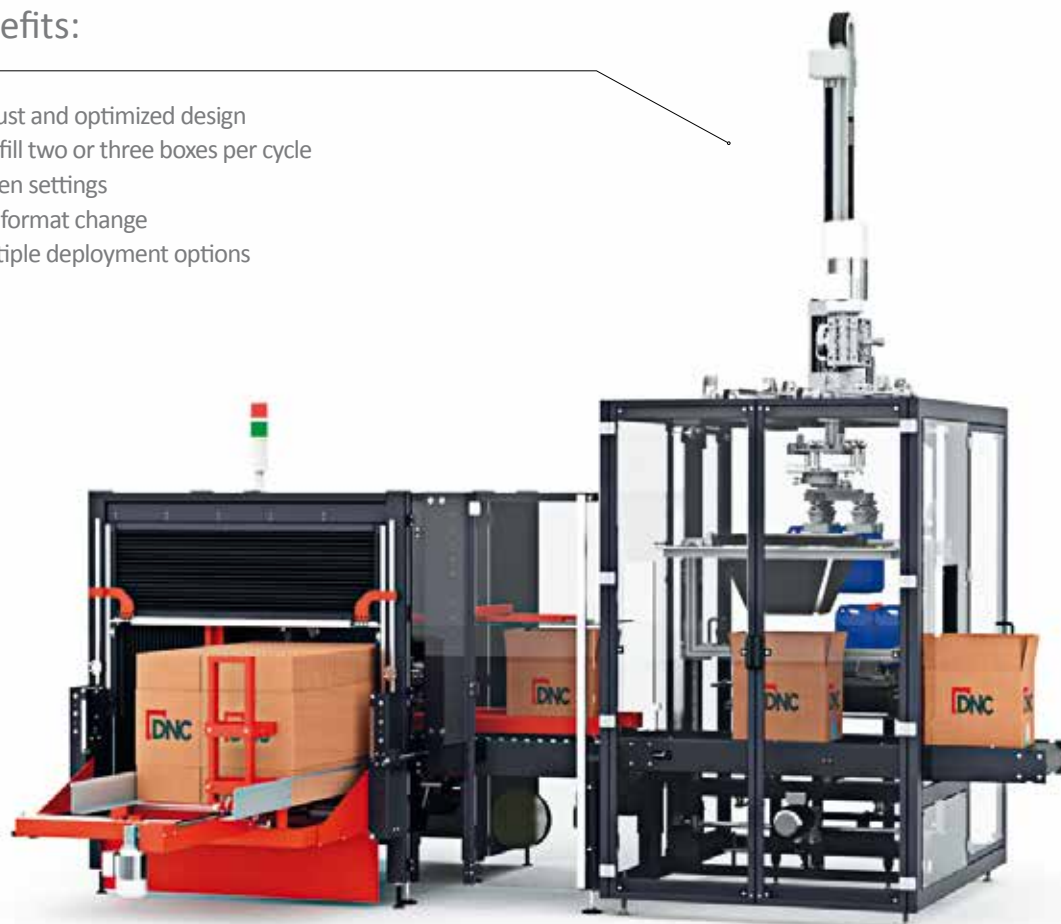
Packing solutions

BiZZY+

The equipment that adapts
to any production line

Benefits:

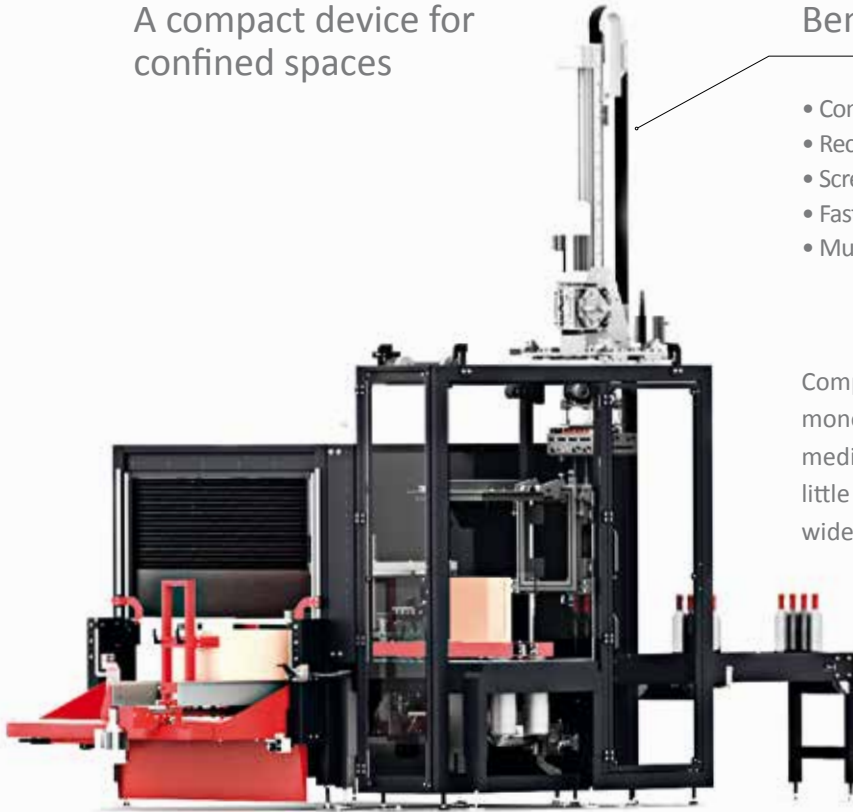
- Robust and optimized design
- Can fill two or three boxes per cycle
- Screen settings
- Fast format change
- Multiple deployment options



Modular case erecting and packing monobloc, to fill one, two or three boxes at the same time. Configurable for packing any type of space and product.

BiZZY

A compact device for confined spaces



Benefits:

- Compact design
- Recommended for handling small products
- Screen settings
- Fast format change
- Multiple deployment options

Compact case erecting and packing monobloc, especially suitable for medium-sized production lines with little space availability. Suitable for a wide variety of products.

SWING

High performance packing



Benefits:

- Compact design
- Screen settings
- Fast format change
- Multiple deployment options

Wrap-around case packer from die-cut foil with hot melt closure. The grouping and loading system are customized for each type of product and box.



Case sealers

Semi-automatic case sealears



L15CS

The first step to increasing production

Benefits:

- It can seal just the top or bottom of the box
- Quick and easy seal replacement
- Adjustable working height
- Drags without marking the box
- Different versions according to box size and drag

Semi-automatic equipment for upper and lower sealing of boxes with adhesive tape. With manual adjustment to work with different box sizes.

L25CS

Ideal for combining boxes of different sizes

Benefits:

- It can seal just the top or bottom of the box
- Quick and easy seal replacement
- Adjustable working height
- Drags without marking the box
- Different versions according to box size

Semi-automatic equipment for upper and lower sealing of boxes with adhesive tape. It detects the size of the box and automatically regulates itself to be able to work alternately with boxes of different dimensions.



Automatic case sealers

L35CS

The perfect box closure for your line

Benefits:

- It can seal just the top or bottom of the box
- Quick and easy seal replacement
- Adjustable working height
- Drags without marking the box
- Different versions according to box size and type of closure

Equipment for integrating into automatic lines that closes the upper flaps of the box and seals the lower and upper faces with adhesive tape or hot melt. Quickly manually adjustable to work with boxes of different dimensions.



D45NC

Simplifying work on lines with multiple formats

Benefits:

- It can seal just the top or bottom of the box
- Quick and easy seal replacement
- Adjustable working height
- Drags without marking the box
- Different versions according to box size

Equipment for integrating into automatic lines that work alternately with different box sizes. It closes the top flaps and seals the bottom and top sides of the box with adhesive tape.





Palletizers

PALLETIZER ROBOT

The universal solution

Benefits:

- 100% configurable
- Possibility of performing various functions
- Solutions available for any type of load
- It can incorporate sensing to make decisions on the go
- Very high working precision



We select the most suitable option for each application, according to the conditions and workloads. We design and manufacture the heads, program and integrate all the necessary accessories.

4AXIS

Ideal for restricted spaces



Benefits:

- Multiple deployment options
- Quick head change system
- Plug and play
- Very high working precision
- Very intuitive graphic menu display

Very compact Cartesian palletizer that adapts to any available space. It can work with a wide range of products and is equipped with its own software to configure new formats from the same computer.



Pallet stretch-wrappers

Semi-automatic stretch-wrappers



RONDA+

Versatility and autonomy

Benefits:

- Motorized pre-stretch
- Program memorisation
- Touch screen configuration
- Minimal film consumption
- Long battery life for charging

Stretch-wrapping robot that can wrap loads of any size anywhere, without having to move them.



SENIOR

One more level of performance

Benefits:

- Motorized pre-stretch
- Program memorisation
- Operated by remote control
- Overload welding option
- Adaptable to different pallet sizes and heights

Semi-automatic stretch-wrapping machine with automatic film cutting, completely customizable. It optimises the wrapping process to the maximum.

SINGLE+

High performance in a basic equipment

Benefits:

- Motorized pre-stretch
- Program memorisation
- Touch screen configuration
- Minimal film consumption
- Adaptable to different pallet sizes and heights

Semi-automatic stretch-wrapping machine with manual film setting and cutting. Also available in version with pallet truck base.



FENIX+

The most configurable equipment

Benefits:

- Available with pre-stretch and different types of brake and spool holders
- Program memorisation
- Touch screen configuration
- Minimal film consumption
- Adaptable to any pallet size and height

Semi-automatic stretch-wrapping machine with manual film setting and cutting. It is 100% customizable according to the load needs and the technical requirements of the client.





Pallet stretch-wrappers

Automatic stretch-wrappers

LINE

The platform stretch-wrapper with the highest production on the market



Benefits:

- 100% customizable
- Different pre-stretch options
- Touch screen configuration
- Clean cutting of film with thermowelding
- Adaptable to any pallet size and height

Turntable stretch-wrapping machine to integrate into automatic lines. Designed to work with any type of load and without intervention. Fully customizable with a wide range of options and accessories.





SPIN

The solution to unstable loads

Benefits:

- 100% customizable
- Motorized pre-stretch
- Touch screen configuration
- Clean cutting of film, without tails
- Adaptable to any pallet size and height

Rotating arm automatic equipment for stretch-wrapping with still load. Designed to integrate online.



COVER

Total protection for your product

Benefits:

- Arm and gantry version
- Adaptable to any sheet size
- Different cutting options
- Automatic load height detection
- Configurable to any pallet size and height

Automatic film dispenser for dust and/or rain cover of pallets. Compatible with any model of automatic or semi-automatic stretch-wrapper.



Maintenance and accessories

We have all the accessory elements and transport solutions necessary to give you a comprehensive end-of-line solution, complementing our range of machinery.

Accessories:

- Labelling and marking
- Weight management
- Metal detectors
- RFIT reading
- Control with Images
- Reading barcodes, QR
- Traceability
- Volumetric control

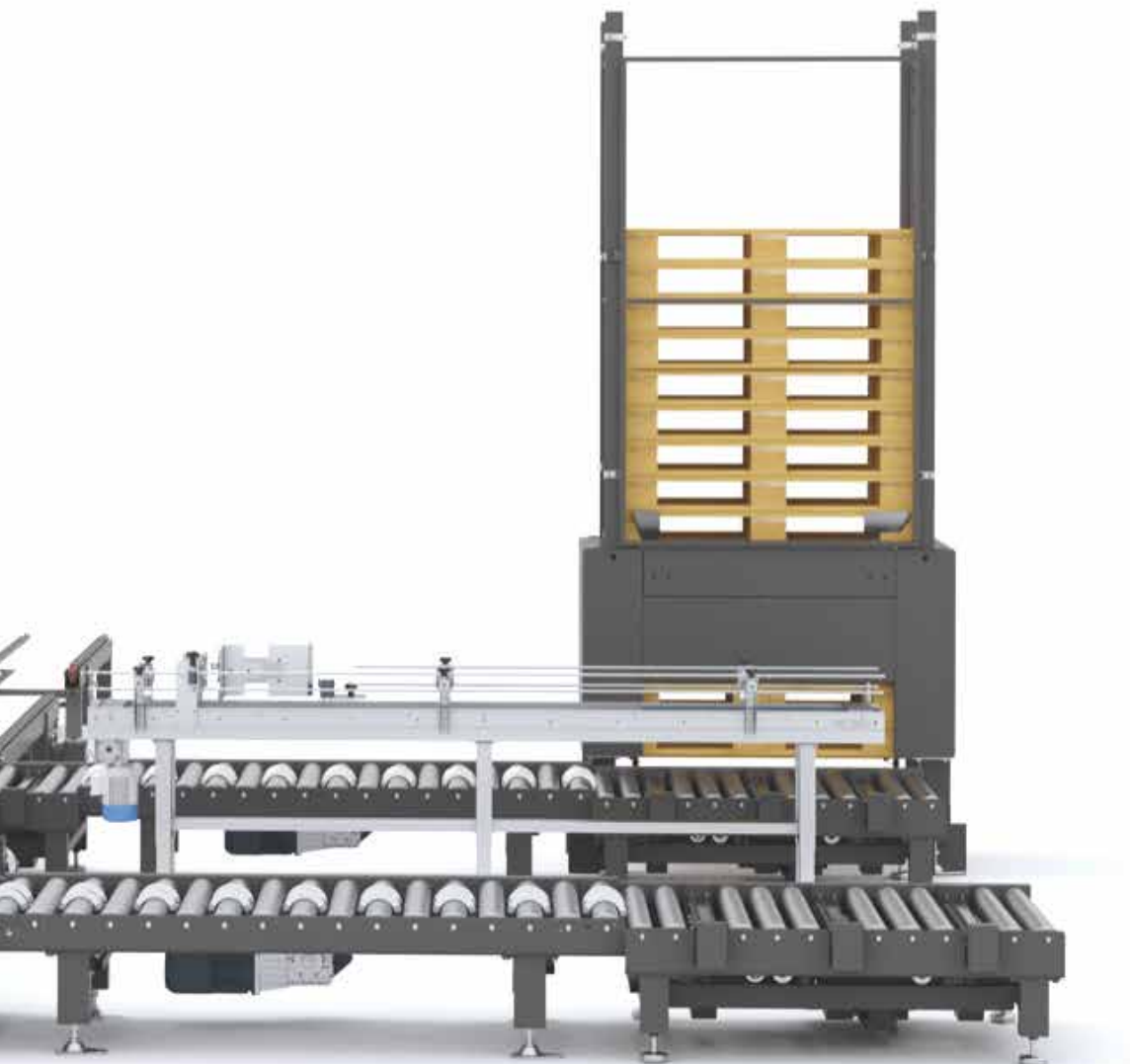
Conveyors for boxes:

- Free and motorized rollers
- PVC band
- Modular belt
- Wings
- Hinge
- Metal netting
- Roller ball table
- Transfer
- Spinners
- Accumulation tables
- Tippers
- Lifts
- Stretch
- Centring system
- Foldable passenger gate
- Ergonomic work tables
- INOX/PVC construction



Pallet conveyor systems:

- Free motorized roller conveyor
- Chain conveyors
- Hinge
- Modular belt
- Transfer
- Guided trolley
- Rotating table
- Pallet Dispenser/Stacker
- Pallet centralisers
- Pallet lift
- Slave pallet placement
- Pallet exchange
- Pallet lifter
- Loading gauge control
- FIFO accumulation





Services

Our commitment is that our clients' facilities and machines are always at full capacity. To do this, we put a whole human and technical team at your service, with all the tools to facilitate your daily work.

- ☒ Technical Assistance Service
- ☒ Online Assistance
- ☒ Preventive Maintenance Programs
- ☒ Spare Parts
- ☒ Documentation
- ☒ Machinery Upgrade
- ☒ Program updates and new formats
- ☒ Technical advice
- ☒ Training

Efficient Engineering

END-OF-LINE SPECIALISTS



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