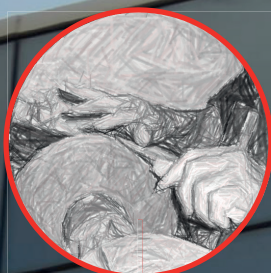




MEAT AND POULTRY INDUSTRY

“Eurobelt, a success story in constant evolution”



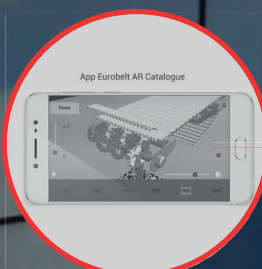
1972 – Company constitution
Family business
Own capital
National company



1980 – Plastic modular belt
Incorporation of plastic modular belts as a distinguishing element.



1990 – Own production
Own production of their plastic modular belts. 500,000 units manufactured in 2021.



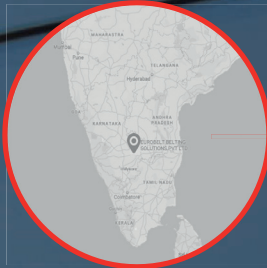
1990 – Technological development
Continuous evolution since 1990, developing new exclusive items in product transportation and processing.

O BELT



1996 – International expansion

Collaboration agreements begin to be established with local partners in: Japan, Australia, Mexico, Colombia, Ecuador, Thailand,



2011 – New factory in India

Opening of an assembly plant, to satisfy Asian market.



2020 – Quickbelts birth

New generation of plastic modular belts, unique on the market with NSF approval for meat and poultry machinery.



2021 – New factory in Mexico

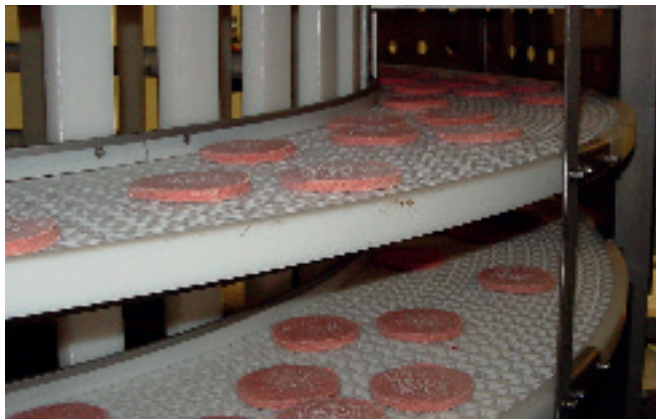
Opening of an assembly plant, to satisfy American market.



MEAT AND POULTRY INDUSTRY

Production processes in the meat industry are especially delicate from a food safety point of view.

Cleanliness in production lines is the main objective that conveying systems must achieve. Therefore, in food industry and specially in meat industry, all transport systems must be completely accessible in all their parts to carry out an exhaustive cleaning.



EUROBELT plastic modular belts can be easily moved, removed, lifted, and even disassembled, in order to reach those parts that are hard to access or clean.

Their design is specially conceived to allow this continuous cleaning, with no need to stop the production line. When turning around the sprockets, their joints open facilitating their cleaning in motion, using pressurized water jets, avoiding any residue of product or dirt.

Another belts main feature is their resistance against impacts from sharp objects, knives, punches, hooks, and other cutting tools, specially in cutting areas. Penetration coefficient of the belt must be very low in order to guarantee its durability and the non-transfer of small particles to the handled product.

Our belts are manufactured with materials that give them these characteristics and are also detectable in particle detectors using X-rays.

Quartering operations can be carried out on the conveyor belt itself, cold or hot ambience, thanks to the wide range of temperatures allowed by the materials used.





Cutting and packaging processes in the poultry sector require a treatment in which asepsis, that is preserving the product from infectious germs, is essential.

With EUROBELT modular plastic belts, the cut meat can be conveyed both directly on the belt, or introduced in trays or plastic boxes, with the health guarantee provided by the ease of cleaning of our belts.



As belts are manufactured using plastics with a minimum absorption rate, they do not absorb smells or retain bacteriological contamination, after being properly washed.

The plastic materials with which these belts are manufactured comply with international regulations for the manufacture of products intended to be in contact with food. Regulations EU10/2011 and FDA CFR title 21 by FCN1847.



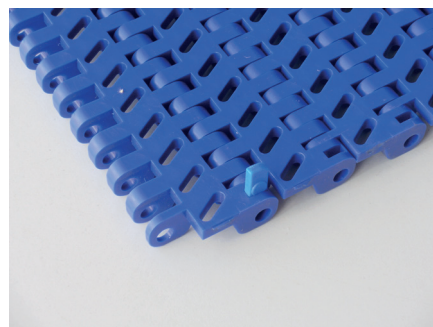
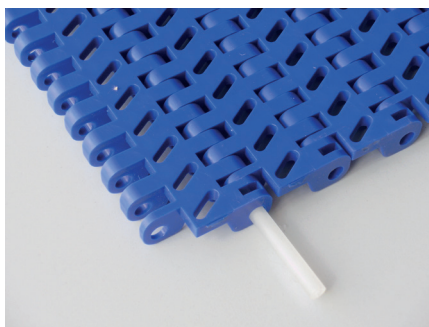
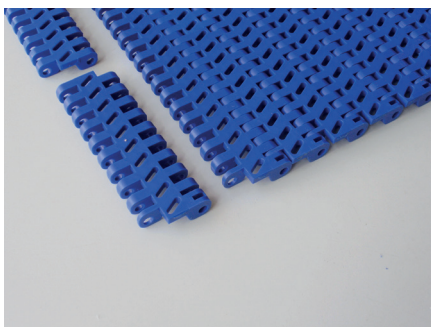
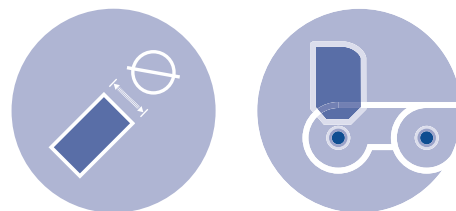
It is possible to work in low temperature environments, even the product can be frozen directly on our belts, with the advantages of plastic lightness, flexibility, and easy defrosting.

When it comes to conveying delicate products with a risk of breakage, such as eggs, we offer accessories as side guards, flights, finger plates, to make transfers with the maximum security, avoiding sudden movements of the product.



CHARACTERISTICS OF THE MODULAR SYSTEM

EUROBELT modular conveyor belts are made of technical plastics forming a structure of interlaced injection parts in an advanced design whose configuration makes them the ideal support for the transport of food and industrial products. Its modular configuration allows the belt to be tailored to the needs.



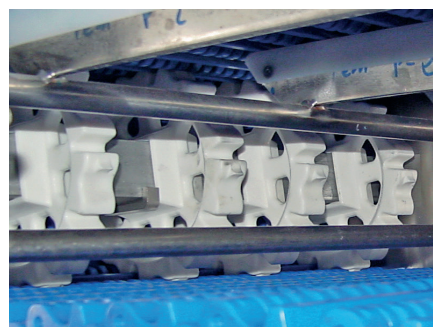
POSITIVE TRACTION, AVOIDING POSSIBLE SLIPS

Its positive drive system, by means of resistant plastic sprockets, avoids any slip in the drive shafts and lateral displacements that can occur in the conventional systems, which provides it with a great efficiency. There is availability of sprockets to be used in most of the drum motors of the market.

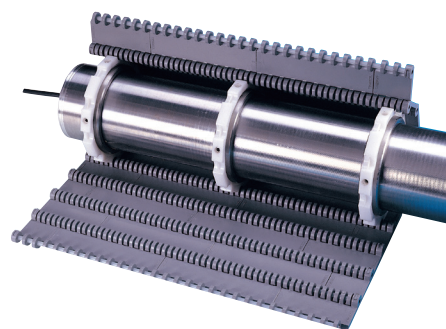
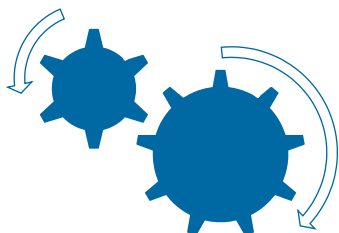
SPROCKETS FOR DRUM MOTOR

EUROBELT, whose main objective is to offer the best customer service, has designed special sprockets for those applications needing a special cleaning or in conveyors in which it is not possible to place a standard motor due to problems of space or safety.

These sprockets have a circular crown form geometry that are coupled by screws on a ring made of AISI-304; these set screws hold the assembly, crown and ring with the drum motor.



The exclusive opened sprocket of Series B50, with rounded edges and without any corner in its toothed crown, enables to have access to all its surface, achieving a complete cleaning.

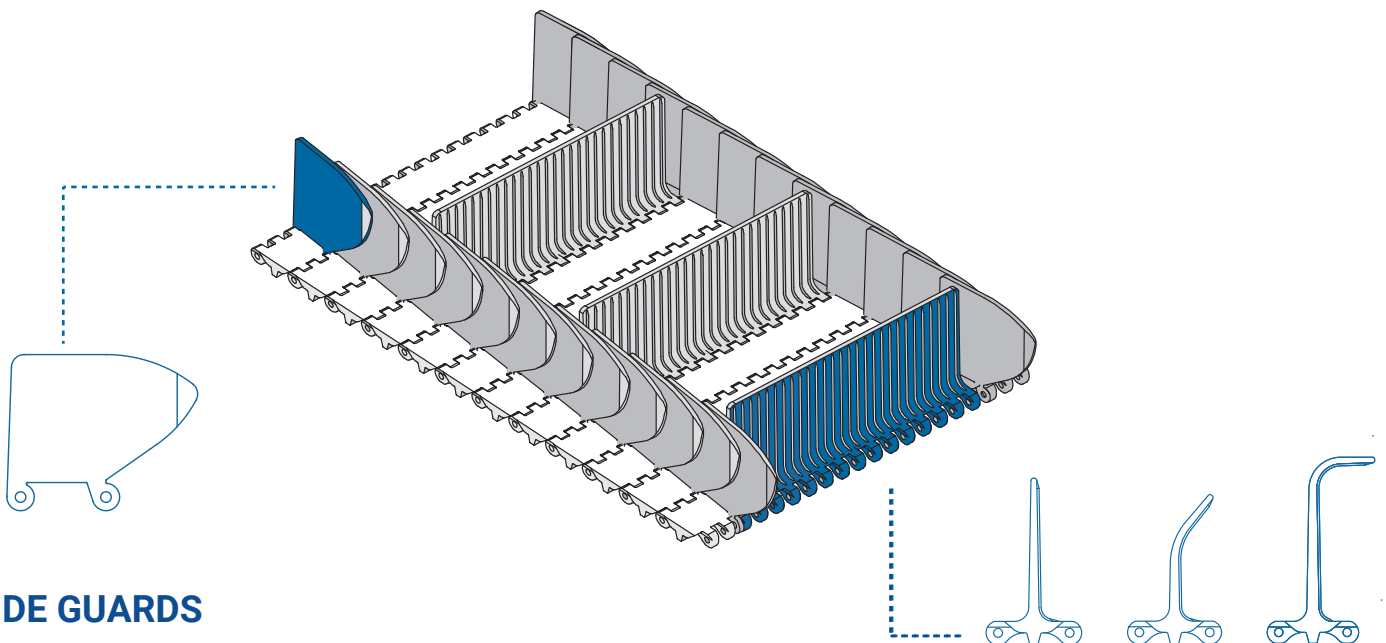
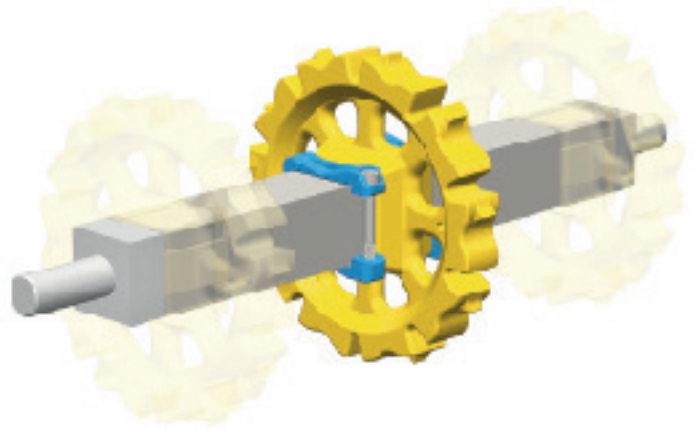




RETAINING RINGS

Central sprocket retention is made with retaining rings. Thanks to their design they allow their arrangement without dismantling or groove the shaft. These rings are placed at every side of the central sprocket to fasten it to the shaft in order to avoid any lateral movements of the belt.

Then, place the same quantity of sprockets at every side of the central one but without any fixing, as they will absorb the possible belt expansions and contractions. The same procedure should be carried out in both shafts.



SIDE GUARDS

The side guards are plastic accessories to be inserted into the belt structure to retain the product laterally, avoiding overflows and frictions with the conveyor structure itself.



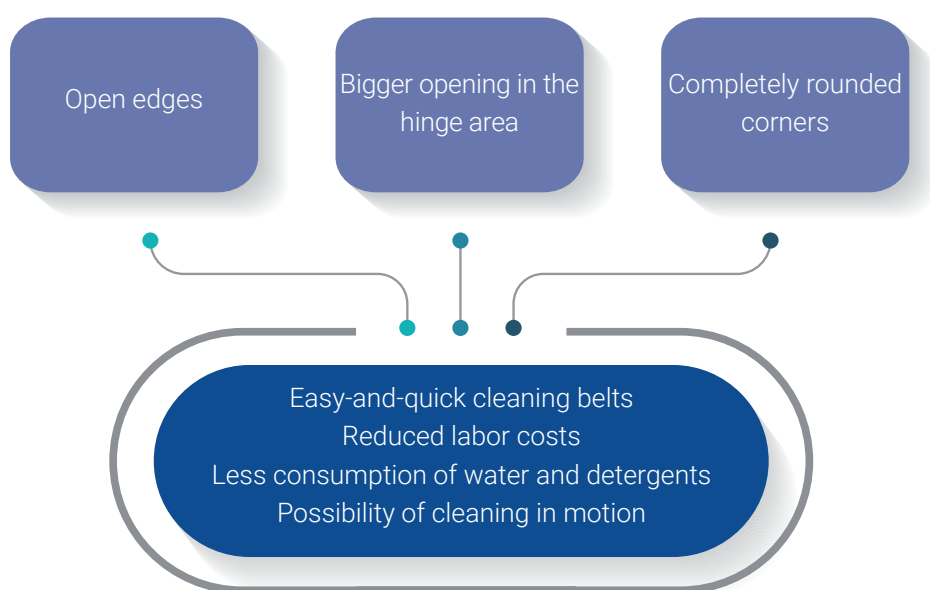
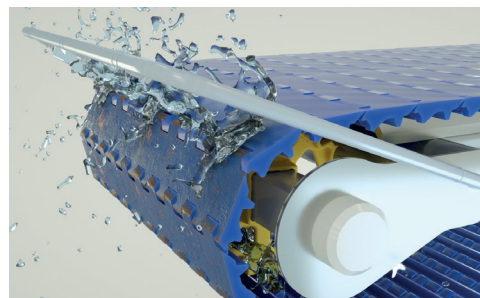
FLIGHTS

The flights are plastic accessories to be inserted across the belt. They are used to push the product in ascent, descent or accompaniment applications, avoiding that it slips along the belt. Its non-stick side has ribs that project over the surface to prevent the product from sticking.

HIGH LEVELS OF HYGIENE AND EASY CLEANING

Germes and bacteria cannot proliferate in plastic modular belts, as they are not absorbent and their surface is solid and non-permeable, which will avoid their penetration.

The rests of the conveyed product can be removed by means of jets of water applied directly to the belt joints when they get open as the belt rotates around the sprockets.



PP

PE

POM

DETECTABLE MATERIALS

It is used in belts for lines in which avoiding any plastic particle to get mixed with the product is required.

We have materials for the traditional detectors of metallic particles, as well as for those most modern of X-rays.



IMPACT AND CUT RESISTANT

They can also be manufactured in a special material which has a high resistance to penetration, which will make them stronger when they are used in meat cutting tables and damages caused by cutting tools can be expected. Both its strong geometry and special design enable it to successfully withstand the impacts of big meat pieces and bones.



FOOD CONTACT

Modular belts made with food grade plastic materials comply with the Regulations CE 1935/2004, UE 10/2011 approved by the FDA.



QUIETER AND LIGHTER

Low weight, light supporting structures, easy to handle, with lesser power motor equipment with lower cost and energy consumption.

WITHOUT APPLYING ANY LUBRICANT


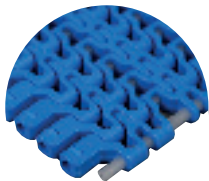


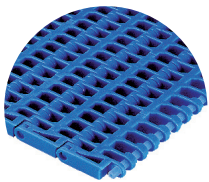

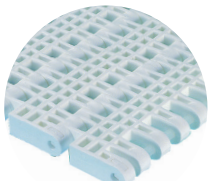
Minimum friction factor that avoids traditional lubrication sprinkling, improving working conditions, reducing maintenance, and eliminating the problem of wet products.

REDUCED COSTS


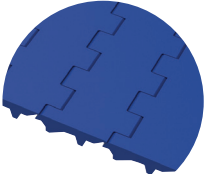



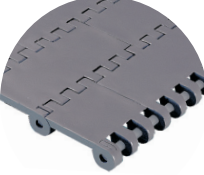
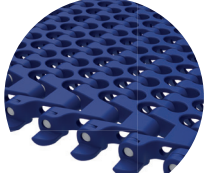

Modular configuration that enables assembly and repair. Allows to solve any type of problem "in situ", replacing just the damaged module or modules in a very short time, which implies a cost saving with regard to stops in production lines and in spare parts storage.

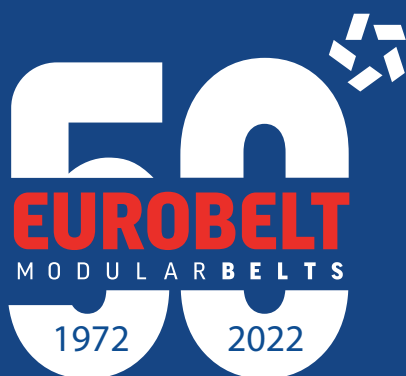




EUROBELT RECOMMENDS		AREA
	C12 FLAT TOP SERIES <ul style="list-style-type: none">- Pitch 12 mm, minimum polyhedron effect.- Smaller transference between conveyors, it can turn on shafts of 18 mm.- High transport speeds.	PACKAGING LINES METAL DETECTORS REJECT BY WEIGHT CONTROL
	C12 FLUSH GRID SERIES <ul style="list-style-type: none">- Pitch 12 mm, minimum polyhedral action.- 26% open area.- Its design with exposed rod and its extraordinary surface open, it offers great ease of cleaning.	SLICING LINES PACKAGING LINES METAL DETECTORS REJECT BY WEIGHT CONTROL
	E20 FLUSH GRID SERIES <ul style="list-style-type: none">- Pitch 20 mm, reduces polyhedron effect.- Open area 32%, ideal for refrigeration and drainage.- Smaller transference between conveyors, it can turn on shafts of 25 mm- High transport speeds.	SLICING LINES PACKAGING LINES METAL DETECTORS REJECT BY WEIGHT CONTROL
	A24 FLAT TOP SERIES <ul style="list-style-type: none">- Pitch 24 mm.- Working and return-way surfaces completely smooth.- Opening in the joint areas with easy cleaning.- Direct traction on two incline and reinforced faces.	SLICING LINES PACKAGING LINES METAL DETECTORS REJECT BY WEIGHT CONTROL
	E30 FLUSH GRID SERIES <ul style="list-style-type: none">- Pitch 30 mm.- Open area 41%, ideal for refrigeration and drainage.- Due to its low weight, support structures are light.- Wide range of sprocket diameters for construction	METAL DETECTORS WASHERS PLASTIC FILM WRAPPING VACUUM MACHINES
	E30 FRICTION SERIES <ul style="list-style-type: none">- Pitch 30 mm, combines plastic and rubber in the same piece. obtaining a high friction surface.- 2 types of surfaces: Flat Friction and Trian Friction.- Transport on inclined planes.	ELEVATORS TRANSPORT LINES PACKING
	E50 FLUSH GRID SERIES <ul style="list-style-type: none">- Pitch 50 mm.- Wide range of accessories.- Ideal for applications in which there are a lot of debris of the conveyed product, as they removal is easy using air or water under pressure.	LIQUID INJECTION PLASTIC FILM WRAPPING VACUUM MACHINES FREEZING TUNNELS



 EUROBELT RECOMMENDS	AREA
 <p>Q50 QUICKBELT SERIES</p> <ul style="list-style-type: none"> - Pitch 50 mm. - Belt without rods, minimal stretching. - Great resistance to cut and impact. - Patented non-stick geometry. 	<p>SLICING LINES QUARTERING LINES CHICKEN FRAMES ELEVATION ACCUMULATION OF CONTAINERS</p>
 <p>B50 FLAT TOP SERIES</p> <ul style="list-style-type: none"> - Pitch 50 mm. - Indicated for filleting lines, quartering lines, chicken frames elevators, accumulation of packages. - Most hygienic and resistant plastic modular belt for food industry. 	<p>SLICING LINES QUARTERING LINES CHICKEN FRAMES ELEVATION ACCUMULATION OF CONTAINERS</p>
 <p>B50 FLUSH GRID SERIES</p> <ul style="list-style-type: none"> - Pitch 50 mm. - Despite its large open area, it maintains great tensile strength. - With its completely rounded corners geometry, it is specially advised for the meat industry or for processes in which cleanliness is essential. 	<p>WASHERS LIQUID INJECTION PLASTIC FILM WRAPPING VACUUM MACHINES FREEZING TUNNELS PASTEURISERS</p>
 <p>B50 PERFORATED SERIES</p> <ul style="list-style-type: none"> - Pitch 50 mm. - Its smooth perforated surface allows the air to flow and the liquids to drain away. - It is the ideal belt for production food processes as well as for preservation processes (sterilization, refrigeration). 	<p>BOILING EVISCERATION AREAS</p>
 <p>E80 FLAT TOP SERIES</p> <ul style="list-style-type: none"> - Pitch 30 mm. - Smooth lower and upper surfaces, without any hole or cavity. - Designed to achieve an easy and quick cleaning in applications with products that release liquids. 	<p>BOILING ELEVATORS QUARTERING AND CUTTING LINES EVISCERATION AREAS PLASTIC FILM WRAPPING VACUUM MACHINES</p>
 <p>E925 FLUSH GRID SERIES</p> <ul style="list-style-type: none"> - Pitch 25 mm. - Collapse factor up to 1.27. - Total security in the operations on the band. 	<p>CURVED CIRCUITS WASHERS INSPECTION LINES SUPPLY LINES SPIRAL CIRCUITS</p>
 <p>E93 FLUSH GRID SERIES</p> <ul style="list-style-type: none"> - Pitch 30 mm. - Its FLUSH GRID geometry with a 47% open area and smooth and rounded edges, provides an excellent drainage, easy to clean and good sliding properties, as well as very low maintenance costs. 	<p>CURVED CIRCUITS WASHERS INSPECTION LINES SUPPLY LINES SPIRAL CIRCUITS</p>



Company with
50 years
of experience.



Leading company in the
manufacturing of plastic
modular belts to transport
food and industrial product.



Wide range of
products.



Great number of
industries.



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feel our motion experience

