



CONVEYOR BELTS CATALOGUE

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PHILOSOPHY

Founded in 1989 by Angelo Quidacciolu, the company was set up to offer technological solutions in the cork processing sector, enhancing the excellence of the Sardinian territory. As the market changed, the company successfully reconverted, specialising in the design and production of conveyor belts and plants for the automated selection and recycling of materials.

Internationally recognised, the company stands out for its "Made in Italy" quality and high level of applied engineering, offering tailor-made, customer-oriented solutions. Continuity is guaranteed by the second generation, which today actively contributes to the company's growth, with an eye on innovation and sustainability.

CONVEYOR BELTS



Overview

Conveyor Belts



Designed with the utmost attention to detail to offer maximum flexibility.

Quidaccioli Costruzioni Meccaniche conveyor belts stand out for their flexible modular design and sturdy, torsion-resistant press-formed sheet metal structure. Designed to adapt to any plant and operating condition, they guarantee high efficiency and optimal integration into sorting processes.

This modular solution offers multiple advantages, including quick on-site assembly, low transport costs and minimal space requirements thanks to the compact dimensions of the packaging. The belts are available in different widths and with side rails of various heights; the length is fully customisable for a tailor-made configuration.

The conveyor technology is designed to maximise operational efficiency and optimise the overall functioning of the plant. The integration of special components, such as separation drums, mobile structures and deflection flaps, allows for high plant flexibility. Used for the continuous transport of materials on pre-established routes, even with slight slopes, they are used in numerous industrial sectors, including waste, food, mining, pharmaceutical and automotive.

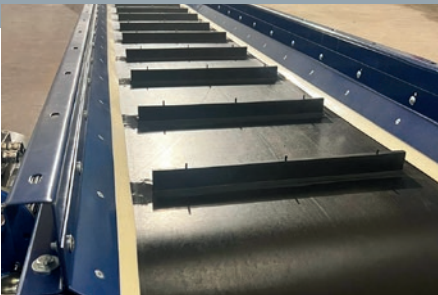
Rubber conveyor belts



Rubber conveyor belt - isometric view

Interaxis	up to 250 m with a mat width of 400 / 600 / 800 / 1000 mm, up to 25 / 30 m with a mat width of 2400 mm
Carpet widths (mm)	400, 600, 800, 1000, 1200, 1400, 1600, 1800, 2000, 2400
Drum diameter (mm)	220, 240, 260, 300, 320, 340, 360
Carpet model	AQ-G / AQ-GL / AQ-GSP
Material transported	Plastic, glass, paper/cardboard, MSW, compost, tyres, aggregates/construction, aluminium/cans, steel, sand, clay, wood

Quidacciolu Costruzioni Meccaniche rubber conveyor belts are designed to ensure efficient and reliable transport of materials in industrial settings. The modular structure allows for quick adjustment of the frame length according to operational requirements, while the easily removable bolts minimise maintenance time. The motors, ranging from 0.75 to 30 kW, ensure high performance with optimised consumption. The Plug & Play system simplifies installation and start-up, making the entire system practical, flexible and suitable for a variety of applications.



Material containment bibs



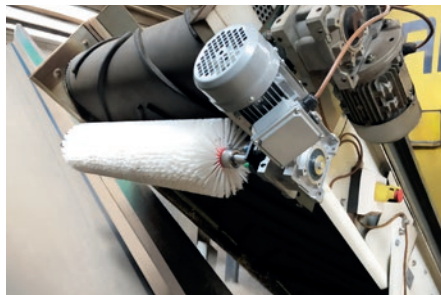
Gear motor



Non-magnetic section in stainless steel AISI 304



Return rollers



Rotating brush



Adjustable belt scraper

Rubber conveyor belt AQ-GSP

The AQ-GSP fishbone rubber conveyor belt offers superior traction, wear resistance and versatility for reliable transport of bulk materials in various industrial sectors.



Features

- The fishbone pattern prevents materials from tipping over, making it suitable for bulk loads such as gravel and sand.
- The roller construction makes it sturdy and suitable for heavy-duty transport.
- It is versatile for a variety of materials.
- Maintenance is simple and complies with safety regulations.

In summary, it is a reliable choice for improving efficiency and productivity in a range of industrial applications.

Rubber conveyor belt AQ-G

The AQ-G smooth rubber conveyor belt is a versatile solution for efficient material transport, known for its wear resistance and ease of maintenance.



Features

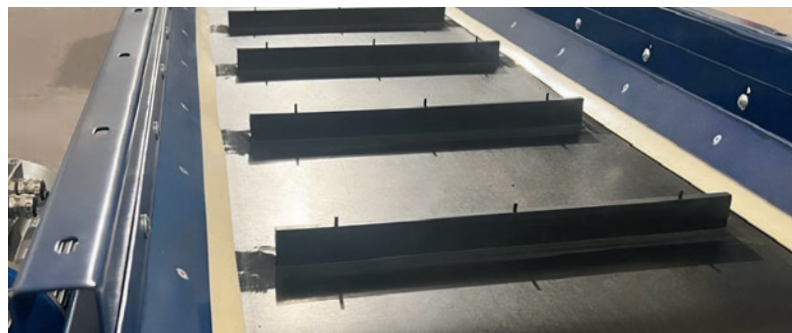
- The smooth surface reduces friction and allows for smooth sliding.
- The high-quality rubber ensures resistance to wear and tear and weathering and requires little maintenance.
- The modular structure facilitates installation and technical interventions.
- Integrated safety devices guarantee safe operation.

In summary, it is an effective choice for optimising industrial processes.



Rubber conveyor belt AQ-GL

The AQ-GL striped rubber conveyor belt is a versatile and durable industrial solution, ideal for the efficient transport of materials in industrial environments.



Features

- Designed for the efficient transport of heavy and light materials.
- Thanks to its sturdy cross strips and non-slip surface, it guarantees stability, reduces slippage and improves safety.
- Customisable and easy to install and maintain

In short, it is a reliable choice for optimising processes in various industrial sectors.



Rubber conveyor belt AQ-GL/D

The AQ-GL/D double-inclined rubber conveyor belt is ideal for recovering materials from flat surfaces such as shredders, mills or low-base machines, improving efficiency and productivity.



Rubber conveyor belt AQ-GSP/E

The AQ-GSP/E rubber conveyor belt for construction is a versatile and durable solution that optimises efficiency on construction sites, reduces operating costs and improves workplace safety.



Features

- Robust and modular solution, ideal for simplifying the transport of heavy materials on construction sites.
- Weather-resistant and easy to maintain.
- Reduces manual lifting and improves operational efficiency.
- Equipped with safety devices, it ensures reliable operation, helping to reduce costs and increase safety at work.

In summary, it is an investment that improves efficiency, reduces costs and increases safety on construction sites.

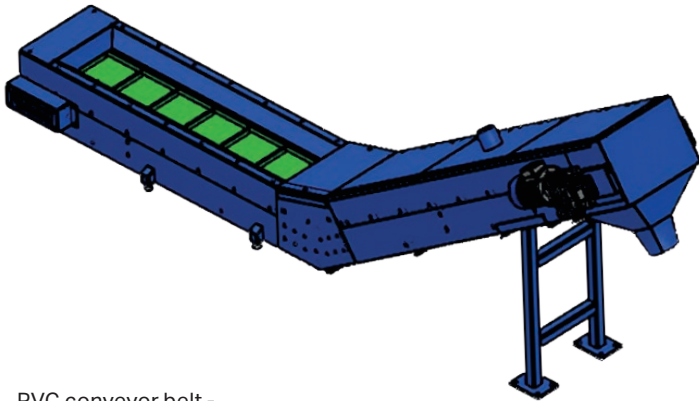


Features

- Wide versatility in transport, suitable for different types of materials and operating contexts
- Possibility to vary the slope in a single solution, ensuring flexibility of use
- Side Bordaflex designed to effectively contain the material during transport
- Ability to achieve a high degree of inclination without compromising load stability

In summary, this solution is particularly suitable for the recovery and handling of materials from flat surfaces, such as shredders, mills or other machines with a very low base, optimising operational efficiency and productivity.

PVC/PU Conveyor Belts



PVC conveyor belt - isometric view

Interaxis	up to 250 m with a mat width of 400 / 600 / 800 / 1000 mm, up to 25 / 30 m with a mat width of 2400 mm
Carpet widths (mm)	400, 600, 800, 1000, 1200, 1400, 1600, 1800, 2000
Drum diameter (mm)	100, 120, 140, 160
Carpet model	AQ-P / AQ-PL / AQ-PSP
Material transported	Plastic, wood, paper/cardboard, cork, compost, tyres, steel mills, aluminium/cans, food, pellets

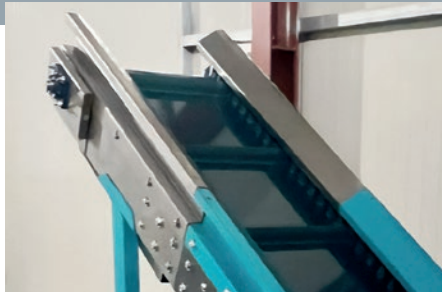
Quidacciolu Costruzioni Meccaniche's PVC/PU conveyor belts are an efficient and versatile solution for transporting a wide variety of products, thanks to a modular structure that allows them to be adapted in size to suit operational requirements, bolts designed to facilitate maintenance operations, and a range that includes both linear and double-incline models, equipped with a Plug & Play system for immediate and intuitive management of the production process.



Bordaflex and material containment bibs



Gear motor with mechanical variator



Non-magnetic section in stainless steel AISI 304



PVC belt scraper



Modular



Lowered

PVC conveyor belt AQ-PL/D

The AQ-PL/D double-incline PVC conveyor belt offers versatility, durability and safety for the efficient transport of materials in industrial environments.



- Features**
- Ideal for transporting materials over differences in height.
 - Its high-quality PVC belt guarantees rigidity and versatility in a wide range of applications.
 - Designed to maximise energy efficiency.
 - Reduces operating costs and facilitates maintenance thanks to its modular configuration.
 - Equipped with advanced safety systems, it is a reliable choice for optimising industrial processes in a sustainable manner.

In summary, it is a reliable choice for optimising processes in various industrial sectors.

PVC conveyor belt AQ-PSP

The AQ-PSP fishbone PVC conveyor belt offers durability, grip and versatility for the efficient transport of industrial materials.



- Features**
- Its fishbone pattern ensures excellent grip and stability, reducing the risk of slippage and making it ideal for bulk, packaged or heavy materials.
 - Made of durable PVC, it is designed to operate in demanding industrial environments, ensuring durability and reduced maintenance requirements.
 - Extremely versatile, it is available in various sizes and can be customised with accessories to meet the needs of any application.

In summary, it is a reliable choice for optimising processes in various industrial sectors.

PVC conveyor belt AQ-P

The AQ-P smooth PVC conveyor belt is a versatile and durable solution for the efficient movement of light materials.



Features

- Guarantees operational continuity on long production lines.
- The smooth surface reduces friction, protects the materials being transported and facilitates cleaning operations, ensuring efficient functionality.
- Made with wear-resistant materials and equipped with reinforced supports, it offers durability even in harsh industrial environments, reducing maintenance costs and increasing the efficiency of production lines.

PVC/PU food conveyor belt

PVC or PU food conveyor belts are a reliable, hygienic and versatile solution for the food industry. They guarantee high standards of safety, resistance and hygiene, ensuring efficient transport in compliance with industry regulations.



Features

- Made of PVC or PU, materials approved for contact with food that offer smooth surfaces, facilitating cleaning and reducing the risk of contamination.
- PVC stands out for its chemical and corrosion resistance, ideal for environments that require ease of maintenance and durability.
- PU offers greater resistance to wear, heavy loads and extreme temperatures, making it suitable for intensive production cycles.
- Robust, versatile and compliant with health and hygiene regulations

In summary, these belts ensure safe and continuous transport of food products, helping to improve production efficiency and quality.

PVC conveyor belt AQ-PL

The AQ-PL striped PVC conveyor belt is a versatile and durable industrial component, ideal for the efficient transport of materials in various applications.



Features

- The PVC base guarantees wear resistance and long life.
- The cross strips offer optimal traction, keeping materials stable along the route.
- Designed for light and heavy loads, it ensures smooth and uniform handling, reducing the risk of damage to products and improving overall productivity.

In summary, this innovative device, built with high-quality materials and advanced technology, offers a reliable solution for transporting light and heavy loads in various industrial applications.

Honeycomb PU conveyor belt

The honeycomb PU conveyor belt is a versatile and durable solution for industrial transport, with a long-lasting structure and the ability to adapt to different working conditions.

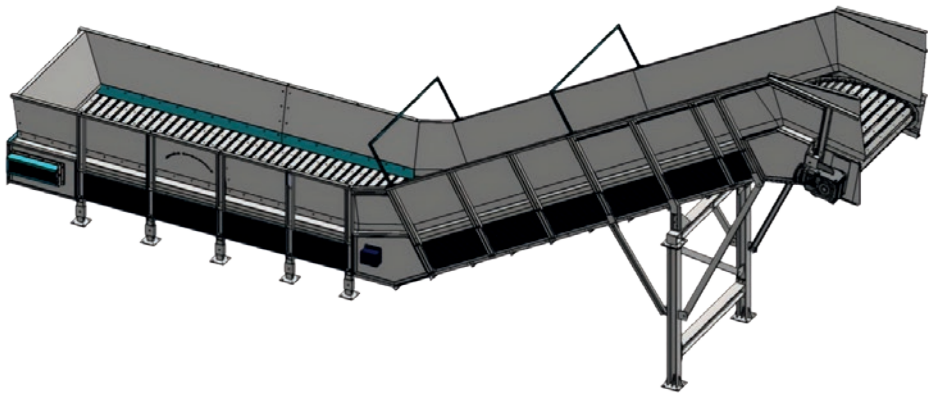


Features

- The honeycomb structure ensures high durability and stability, reducing wear and deformation over time.
- Made of polyurethane, it offers excellent resistance to traction, abrasion and chemicals, maintaining flexibility and performance even in variable thermal conditions.
- The surface reduces friction, optimising energy efficiency, while maintenance is minimal.
- Customisable in terms of size and specifications, it is ideal for applications in logistics, food, pharmaceuticals and automation.

In short, it is a reliable choice for increasing productivity and reliability in industrial processes.

Metal Slat Conveyor Belts



Slat type	Resistance type
Iron slat	PS 100
Stainless steel slat	PS 125
Slat + rubber	PS 200

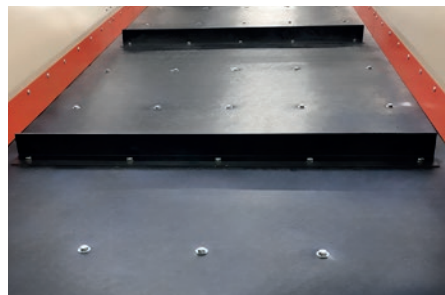
Quidacciolu Costruzioni Meccaniche slatted conveyor solutions are designed to guarantee efficiency and reliability in the transport of bulky and heavy products, thanks to a thick U-shaped iron frame that ensures high resistance and long life, sturdy carpentry that can be easily dismantled for maintenance, and a structure optimised to offer high performance in any production context.



Chain and sprockets



Chain sliding curves



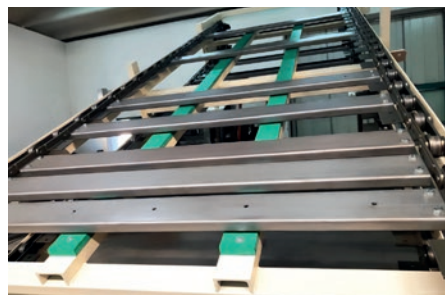
Rubber coating



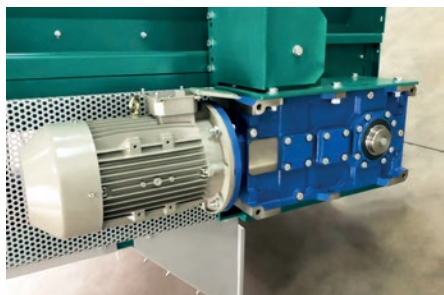
Material containment guides



Slats



Impact-resistant support surface



Electric motor with orthogonal gearbox



Hydraulic lubrication control unit



Interaxis	up to 140 m with a mat width of 400 / 600 / 800 / 1000 / 1200 / 1400 mm, up to 75 m with a mat width of 2200 mm
Chain pitch (m)	75, 125, 160, 200, 250, 300
Carpet width (mm)	400, 600, 800, 1000, 1200, 1400, 1500, 1600, 1800, 2000, 2200
Carpet model	AQ-T / AQ-TG / AQ-TV / AQ-TP
Material transported	Plastic, wood, paper/cardboard, MSW, aluminium/cans, tyres, steel mills, multi-material



Slat conveyor belt AQ-T

The AQ-T metal slat conveyor belt is the ideal solution for transporting heavy and irregular materials.



Features

- Overlapping slats for continuous and efficient transport flow.
- Suitable for transporting materials even at high temperatures.
- Suitable for handling steel, aluminium, plastic, mixed waste and paper/cardboard.

In summary, the AQ-T iron slat belt simplifies the handling of complex and resistant materials, ensuring reliable performance even in harsh operating conditions.

Slat conveyor belt AQ-TG

The AQ-TG metal slat conveyor belt is suitable for all types of transport, but is mainly recommended for transporting bulk materials.



Features

- Rubber coating for greater resistance and protection.
- Maximum airtightness to prevent material spillage.
- Suitable for transporting paper/cardboard, plastic, bulky waste, mixed waste, glass and aluminium.

In summary, its high reliability and airtightness make this belt a versatile and unique solution, suitable for multiple applications and product types.

Slat conveyor belt AQ-TV

The AQ-TV metal slat conveyor belt is suitable for small spaces with a steep incline of over 70°.



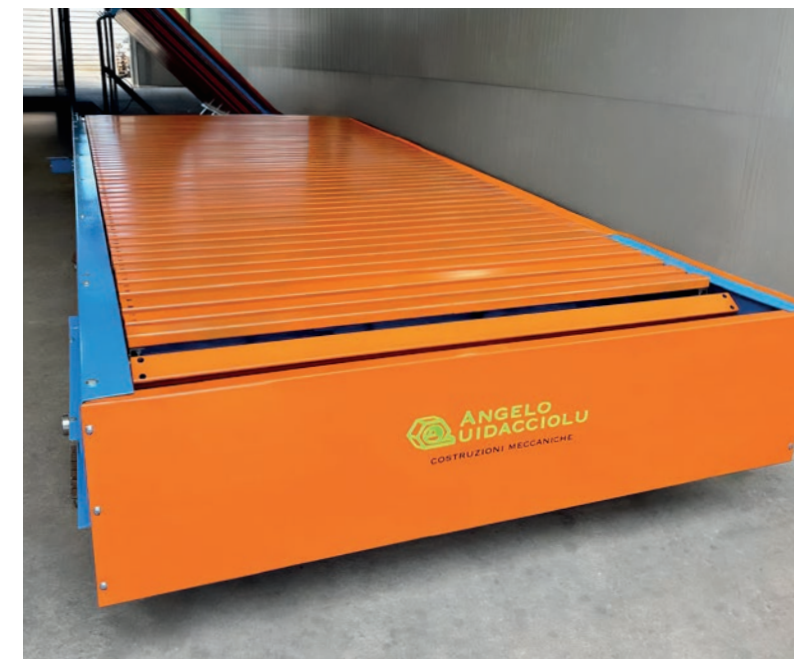
Features

- High inclination of over 70°
- Ideal for installations in confined spaces
- Allows large quantities of material to be transported

In summary, this exclusive solution from Angelo Quidaccioli Costruzioni Meccaniche allows large quantities of material to be moved in confined spaces, reaching considerable heights with maximum efficiency.

Slat conveyor belt AQ-TP

The AQ-TP metal slat conveyor belt is used to transport extremely heavy materials.



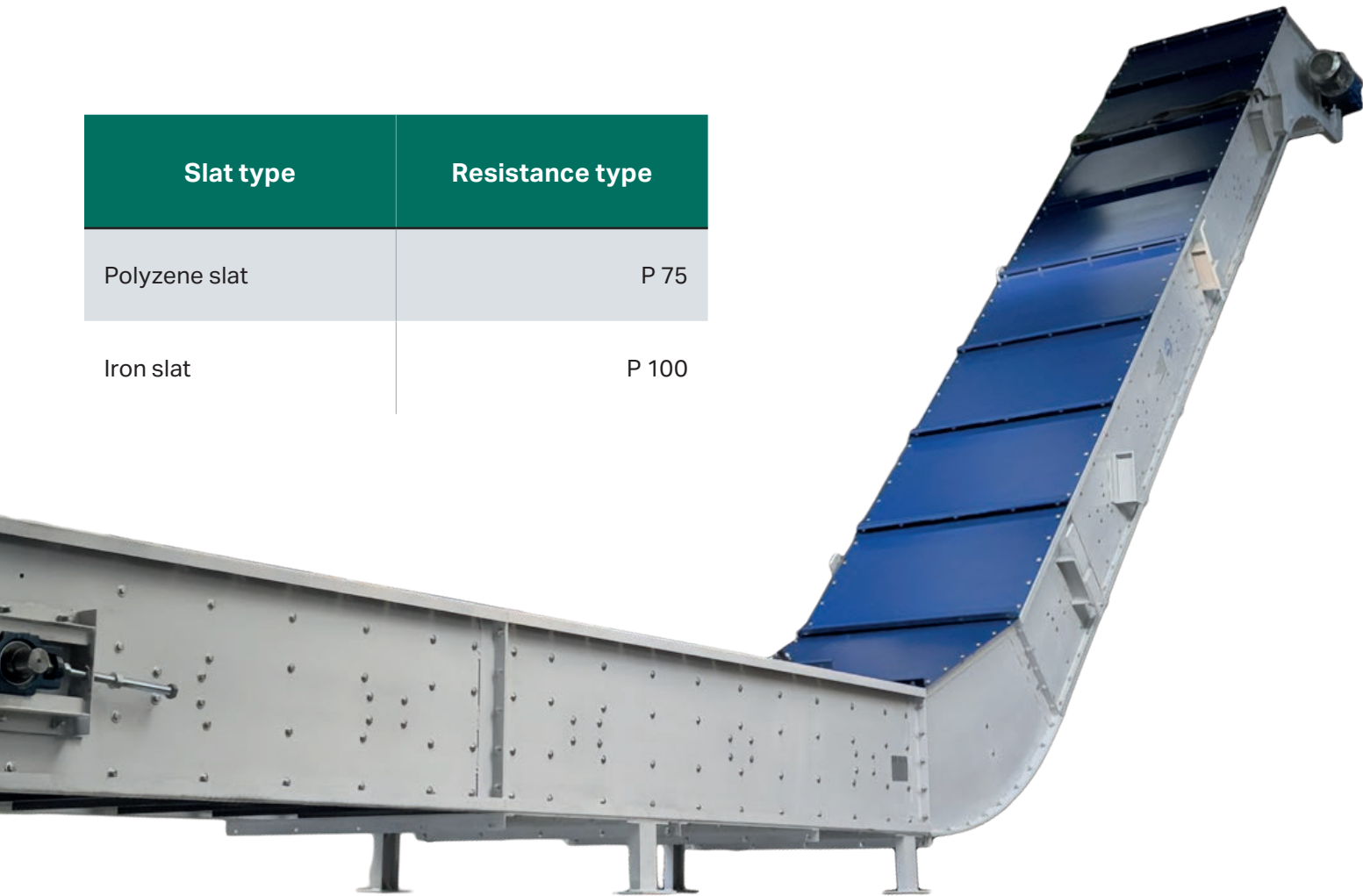
Features

- Load capacity exceeding 8,000 kg/mt
- Maximum strength and reliability
- Ideal for harsh environments such as paper mills, steelworks and cement factories

In summary, its exceptional strength guarantees high performance and remarkable load capacity, making it perfect for demanding industrial applications.

Redler Conveyor Belts

Slat type	Resistance type
Polyzene slat	P 75
Iron slat	P 100



Modular It allows the conveyor belt structure to be extended or reduced as required.

Easy maintenance The conveyor belt is constructed with a specific bolting that facilitates its disassembly for any maintenance operation.

Production efficiency Quidacciolu Costruzioni Meccaniche has developed both double inclined and linear conveyors, improving production capacity and integrating an easy-to-use system called Plug & Play.

Redler conveyor belts manufactured by Quidacciolu Costruzioni Meccaniche are ideal for transporting a wide range of products.



Interaxis	Up to 200 m
Carpet widths (mm)	400, 600, 800, 1000, 1200, 1400
Chain pitch (m)	75, 100, 125, 150
Carpet model	AQ-TR
Material transported	Plastic, wood, MSW, CSS, compost, pellets, multimaterial
Type of tape background	HARDOX or Anti-Wear

Stainless Steel Conveyor Belts



Interaxis	up to 250 m with a mat width of 400 / 600 / 800 / 1000 mm, up to 25 / 30 m with a mat width of 2400 mm
Carpet widths (mm)	400, 600, 800, 1000, 1200, 1400, 1600, 1800, 2000
Drum diameter (mm)	100, 120, 140, 160
Carpet model	AQ-P / AQ-PL / AQ-PSP
Material transported	Food, wine

Quidacciolu Costruzioni Meccaniche stainless steel conveyor belts combine versatility, strength and maximum production efficiency. The modular structure allows the frame to be quickly adapted to different operational requirements, while the dedicated bolting system allows for easy disassembly and quick maintenance. Made of stainless steel to ensure durability and hygiene, they feature a Plug & Play system with a speed variator that ensures immediate start-up, flexible management and optimised performance.

Stainless steel conveyor belt for food

The stainless steel conveyor belt for food products is a modular and versatile solution, suitable for all food products.



- Features**
- Modular structure
 - Rigid plastic belt
 - Suitable for food use
 - Compatible with all types of food products

In summary, the stainless steel conveyor belt for food stands out for its high adaptability to different transport requirements, ensuring long durability and requiring minimal maintenance.

Stainless steel conveyor belt AQ-PL/D

The AQ-PL/D double-inclined stainless steel conveyor belt is a reliable solution for optimising industrial processes.



- Features**
- Ideal for transporting materials over differences in height
 - Rigid and versatile PVC belt
 - High energy efficiency and low costs
 - Modular structure for simplified maintenance
 - Equipped with advanced safety systems

Stainless steel conveyor belt AQ-P

The AQ-P smooth stainless steel conveyor belt is a solution that guarantees long durability with minimal maintenance.



- Features**
- Ensures operational continuity on long production lines.
 - The smooth surface reduces friction, protects materials and simplifies cleaning.
 - Made with resistant materials and reinforced supports, it guarantees durability and lower maintenance costs.

Stainless steel conveyor belt AQ-PSP

The AQ-PSP stainless steel fishbone conveyor belt is a high-performance option for improving efficiency in many industrial sectors.



- Features**
- Fishbone pattern for grip and stability, ideal for different types of materials
 - Resistant for durability and low maintenance even in demanding industrial environments
 - Versatile and customisable in different sizes and with specific accessories

Stainless steel conveyor belt AQ-PL

The AQ-PL stainless steel strip conveyor belt offers a reliable and versatile solution for industrial transport.



- Features**
- Strong and durable PVC base.
 - Cross strips for optimal traction and stability of materials.
 - Suitable for light and heavy loads, ensuring smooth and safe transport.

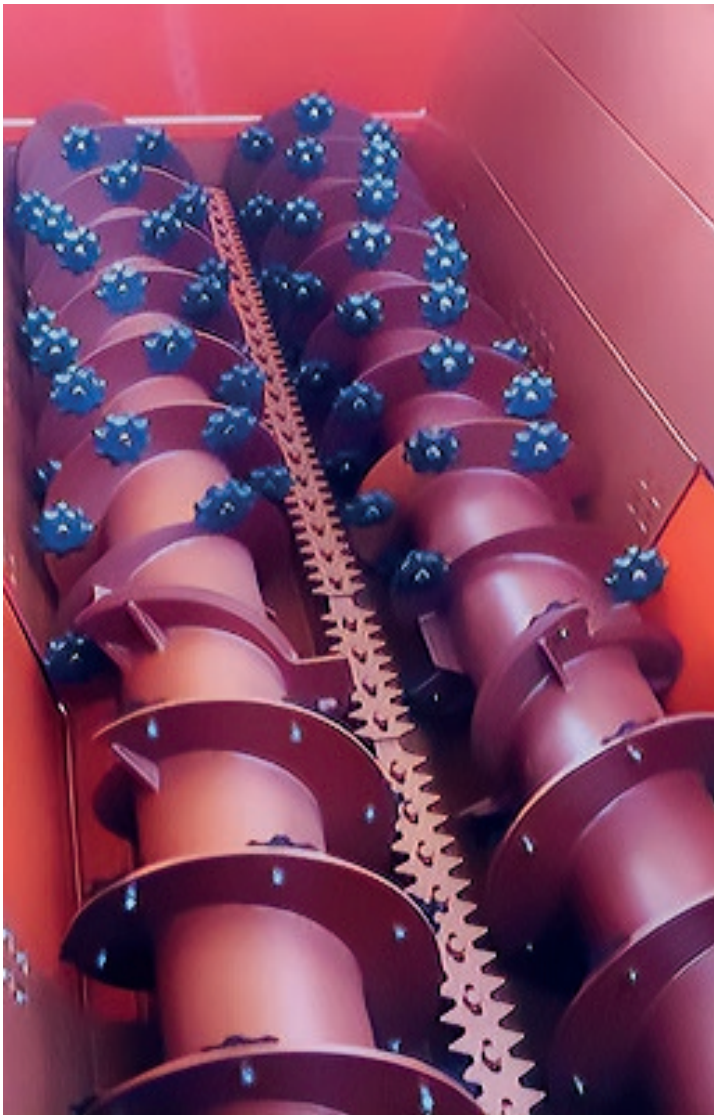
Auger conveyors



A reliable and versatile system
The auger conveyor is particularly popular in agriculture for the efficient transport of powdered and granular materials. Thanks to its ability to combine high performance with low costs, it is an ideal solution in contexts where the flow rate is moderate but economic efficiency is fundamental. In particular, the box screw conveyor stands out for its flexibility of use, making it suitable for both horizontal transport and slight inclines. This makes it perfect for numerous agricultural applications, such as handling grain or distributing fertiliser, ensuring reliability, ease of use and adaptability to different operational requirements.

- Customisable** Available in various types for a wide range of applications, and customisable in every detail (length, diameter, loading height and unloading height).
- Energy efficiency** Quidacciolu Costruzioni Meccaniche augers are designed and manufactured to minimise energy consumption.
- Production efficiency** Guarantees high performance, as each individual component is designed and manufactured to maximise the performance of the auger, while optimising energy consumption and improving the overall efficiency of the system.

The auger conveyor is a versatile and efficient system used in agriculture and various industries for transporting powdered and granular materials.



Interaxis (m)	from 1 to 18
Diameter (mm)	from 100 to 850
Type of coil	Stainless steel, iron, HARDOX, wear-resistant iron
Material transported	Powders, cereals, fertilisers, olives, mixed waste, plastic, compost



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