



Customized Conveyor Technology,
Separating Systems and
Automation Solutions for
Efficient Material Flow

A detailed photograph of a complex industrial conveyor system. The system consists of numerous parallel metal rollers, some of which are illuminated by bright red laser lines, creating a sense of depth and precision. In the center, several brown, mechanical components, possibly part of a sorting or separating system, are visible. The overall aesthetic is high-tech and industrial.

Moving Your Success Forward.

www.mtf-technik.de

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Components

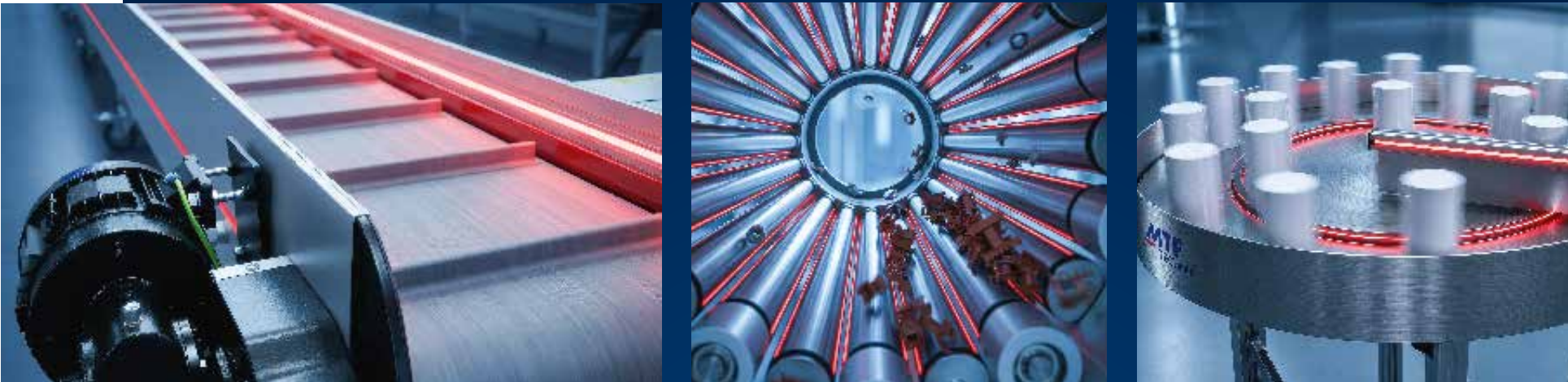
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Moving Your Success Forward

As production processes become increasingly fast-paced and complex, companies need solutions that not only respond to challenges but anticipate them. Every disruption costs time, resources and, ultimately, competitiveness. At the same time, companies are under growing pressure to meet individual customer requirements, shorten delivery times and consistently maintain the highest quality standards.

This is precisely where MTF Technik has been making a difference for more than 50 years. We design and manufacture customized conveyor systems, innovative separation solutions and state-of-the-art automation systems. We do not view our products as individual components, but as integral parts of a complete solution.

Together with our customers, we develop systems in which every element works seamlessly with the next, transforming individual modules into efficient, well-engineered material flow solutions. Choosing MTF Technik is therefore far more than an investment in technology – it is a strategic decision that delivers greater reliability, transparency and future-readiness. Every single day.

We are ready to take on the challenge – with experience, ideas and a firm commitment to finding the right solution for every requirement, together with you.



GET IN TOUCH TODAY!

Use our contact form – we will gladly provide you with personalized advice.





Innovation Made in Germany

MTF TECHNIK – CUSTOMIZED MATERIAL FLOW SOLUTIONS SINCE 1975

Founded by Hans Gert Schürfeld in 1975 and driven forward by a spirit of invention and innovation: what began as a small metalworking shop has grown into an experienced, owner-managed, family business. We have always specialized in customized conveyor technology “Made in Germany.”

Innovation has been at the heart of our corporate philosophy from the very beginning, a commitment reflected in the 13 granted patents. Our guiding principle has always been to develop new solutions for our customers’ internal material flow challenges, thereby boosting efficiency and productivity.

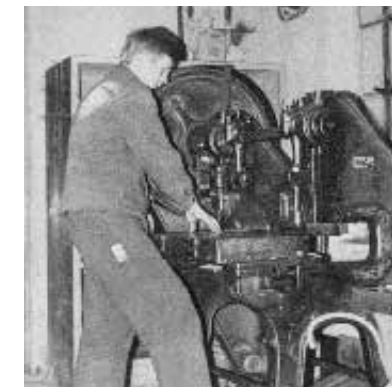
Sustainability is another key pillar of our philosophy and one that we put into practice every day. 97% of our purchasing volume comes from Germany and neighboring countries. Development, engineering and manufacturing all take place at our site in Bergneustadt, serving a customer base drawn from a wide range of industries. Whether for the plastics, metal, pharmaceutical, packaging, electrical or food industries, or for logistics and mechanical engineering, our experienced team will certainly develop the right solution for you. Whether you are based nearby or on the other

side of the globe, we are exactly where you need us, thanks to a strong network of sales professionals in Germany and agencies worldwide. We are convinced that the best solutions emerge from direct interaction. Personal contact, short lines of communication and a genuine understanding of your individual needs form the basis of a successful partnership. Our teams understand regional requirements, speak your language and support you as a true partner – from your initial inquiry through to long-term customer care. See for yourself – we look forward to hearing from you.



50 YEARS

Experience



3,400

Customers Worldwide

97%

Local Sourcing



13

Patents
Granted



Your Benefits with MTF Technik

✓ TAILOR-MADE SOLUTIONS

Customized is good. Precisely tailored is better. Every conveyor belt is designed around your exact requirements and operating conditions – for maximum efficiency without compromise.

✓ MAXIMUM FLEXIBILITY

One way today, another tomorrow? Your conveyor adapts with you. Thanks to flexible options and upgrade possibilities, your production remains dynamic rather than restricted.

✓ DURABILITY & LOW MAINTENANCE

Built to keep running. Our patented technologies ensure reliable operation – and in the unlikely event that something isn't working out, we are here for you straight away.

✓ CONSULTING & SERVICE

Your personal experts are ready to help. At MTF Technik, service is a top priority – because personal advice is the key to achieving your goals together.

MTF FORWARD

MOVEMENT WITH A CONCEPT.

One process. Seven steps. One goal: your perfect solution. We develop material flow solutions with structure, foresight and responsibility – for processes that work today and stand the test of time tomorrow. It is about technology, but also about collaboration: people who listen, understand and care. From the initial idea through to ongoing operation.

MTF.FORWARD – Our Holistic Service Concept



UNDERSTAND

MTF.KICK-OFF

When the project kicks off, we are ready to collaborate: personally, systematically, and purposefully. With technical consultants in Germany and worldwide, we are right there with you on-site. Through dialogue, we establish clarity, trust, and a solid foundation for customized solutions right from the start.

MTF.CHECK

Before we develop solutions, we analyze your existing processes: We examine material flows, cycle times, interfaces, and spatial conditions. Our goal is always to sustainably improve efficiency, safety, and cost-effectiveness.



DESIGN

MTF.DESIGN

Based on our analysis, we engineer solutions that are precisely tailored to your requirements. Thanks to our modular system, individual components can be flexibly combined, expanded, or customized – even directly via the configurator. Whether it's custom dimensions, special materials, or complex layouts: we plan every detail thoughtfully, efficiently, and future-proof.

MTF.BUILD

After all the conversation, it is time for action: Your tailor-made system is created in our production facility. Manufactured with high-quality components, state-of-the-art technology, and rigorous quality standards. For a system that keeps on running and running.



PERFORM

MTF.DELIVER

The date has been set, and delivery is confirmed: We coordinate transportation and integration on schedule according to your requirements and specifications. If required, we supervise the installation on site, commission the system, and align it with your processes.

MTF.SUPPORT

We remain at your side even after commissioning. In order to ensure lasting performance, we offer maintenance service, rapid spare parts delivery and technical support. For minimal downtime and an investment that pays off in the long run.



OPTIMIZE

MTF.GROW

True partnership means continuously optimizing systems and growing together: We will continue to analyze together how we can further develop your company with our high-quality solutions.

GET EXPERT ADVICE NOW!

Scan the QR code, find your local sales representative and look forward to a partnership that drives your business forward.





From a Small Belt Conveyor to an Intelligent Cleanroom Solution

CASE STUDY

For almost 50 years, we have enjoyed an exceptional working relationship with our customer in the medical technology sector. What began in 1978 with an order for a small conveyor belt has developed into a well-established partnership and a highly complex integrated system for cleanroom production.

CLEANROOM CONVEYOR TECHNOLOGY THAT GROWS WITH YOUR NEEDS

Technical challenges and complex systems? Right up our alley.

We have been supporting this project in the drip chamber production since 2003 and have continuously developed it ever since. Material flows from injection molding machines, assembly systems, packaging lines and the order-picking area are seamlessly integrated. Each individual module is designed to transport the products with exceptional care and to prevent abrasion.

However, it is not only the technology that presents demanding requirements. Cleanroom conditions also call for carefully considered solutions. Since

cleanroom space is expensive and limited, every centimeter must be utilized optimally. Conveyor sections therefore sometimes run at very steep angles or are suspended from the ceiling to keep valuable floor space clear. At the same time, ventilation systems, lighting, utility columns and air inlets and outlets must all be taken into precise account.

Another challenge is the complex coordination of all areas involved. Production machinery, transport routes, storage areas and crane operations must be carefully aligned. Working directly inside the cleanroom is particularly demanding. Drilling and grinding work cannot be carried out there, as the sterile production environment must be preserved. The systems must therefore be delivered fully ready for installation. Large conveyor sections and Z-conveyors have to be dismantled, brought in through airlocks and reassembled on site. The implementation also requires a high degree of flexibility in terms of timing. Many major project stages therefore had to be completed on public holidays, on weekends, or during the night to minimize any disruption to production.

Precise 3D planning is essential to ensure that integrations of this kind run smoothly. Adjustments

inside the cleanroom are only possible to a limited extent, so every detail must be correct before installation begins. One major advantage of the project is the modular design of both the conveyor technology and the control system. This has allowed for flexible implementation of expansions and the ongoing development of existing systems over the years – despite repeated changes to machine layouts and production requirements.

Today, the entire flow of materials relies on our conveyor technology. Consequently, the demands regarding availability, reliability, and service are high. That is why such a project does not end with commissioning. Our field service team regularly visits the site to inspect the systems and plan preventive maintenance and servicing measures with the customer. This creates a continuous process of support and optimization.

Above all, the long-term success is based on the close, collaborative partnership among all parties involved. Over many years, a team has developed that approaches challenges openly and with a clear focus on solutions. It is precisely this long-term support that ensures the processes continue to operate reliably – far beyond the completion of the project itself.

What Our Customer Says

✓ PROJECT PLANNING

"MTF Technik stands out for its dedicated, structured and solution-oriented approach to project development."

✓ DELIVERY

"Throughout our collaboration, delivery deadlines were consistently met and communicated transparently. Any short-term delays had no impact on the overall project schedule."

✓ INSTALLATION

"Even under demanding conditions – such as confined spaces in a cleanroom environment – all challenges were handled reliably and successfully."

✓ SERVICE

"MTF Technik provides outstanding service. They ensure trouble-free operation, rapid problem resolution, and the flexible adaptation and further development of the systems."

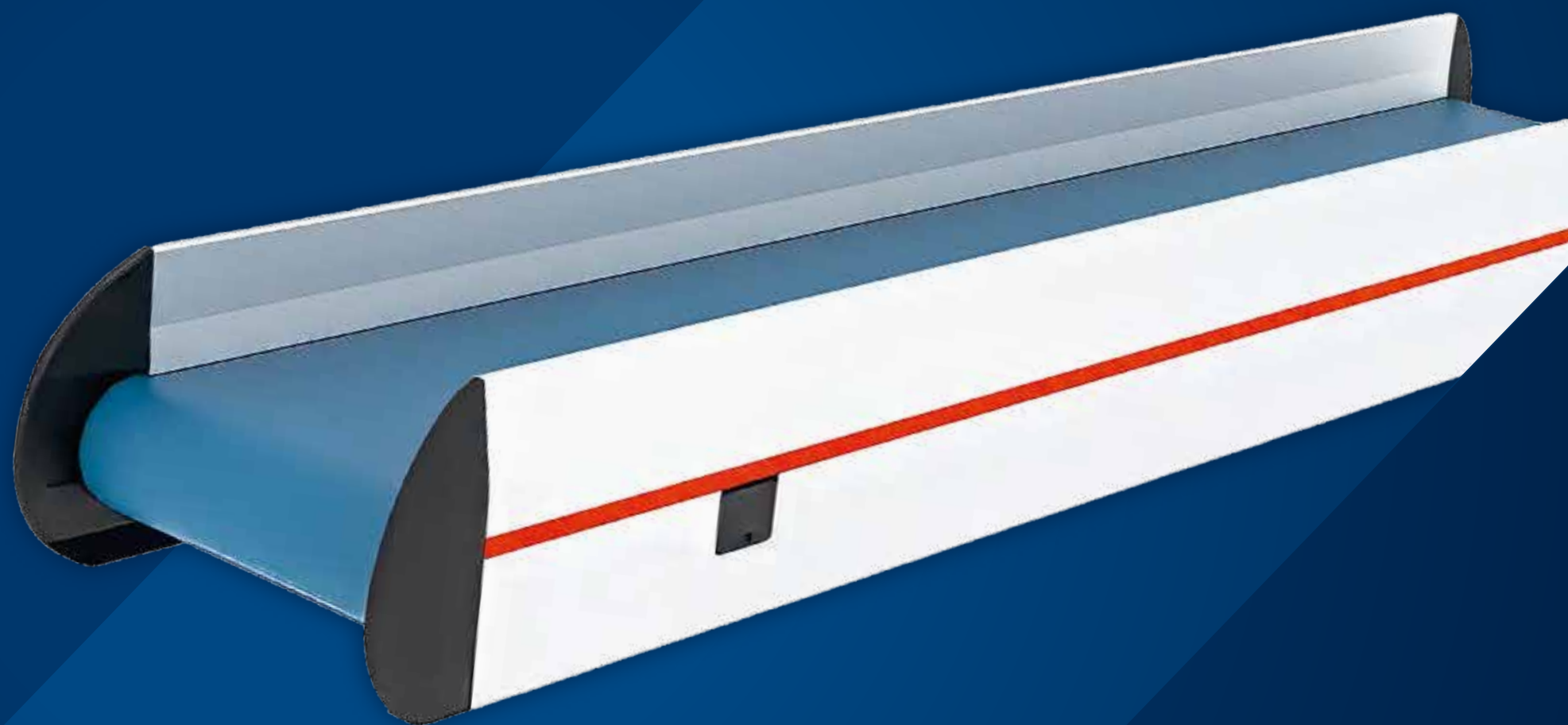
✓ MAINTENANCE

"MTF Technik also excels in maintenance, with rapid response times for service calls and reliable, short-notice procurement of spare parts."

Material flow that simply *works.*

TAILOR-MADE CONVEYORS

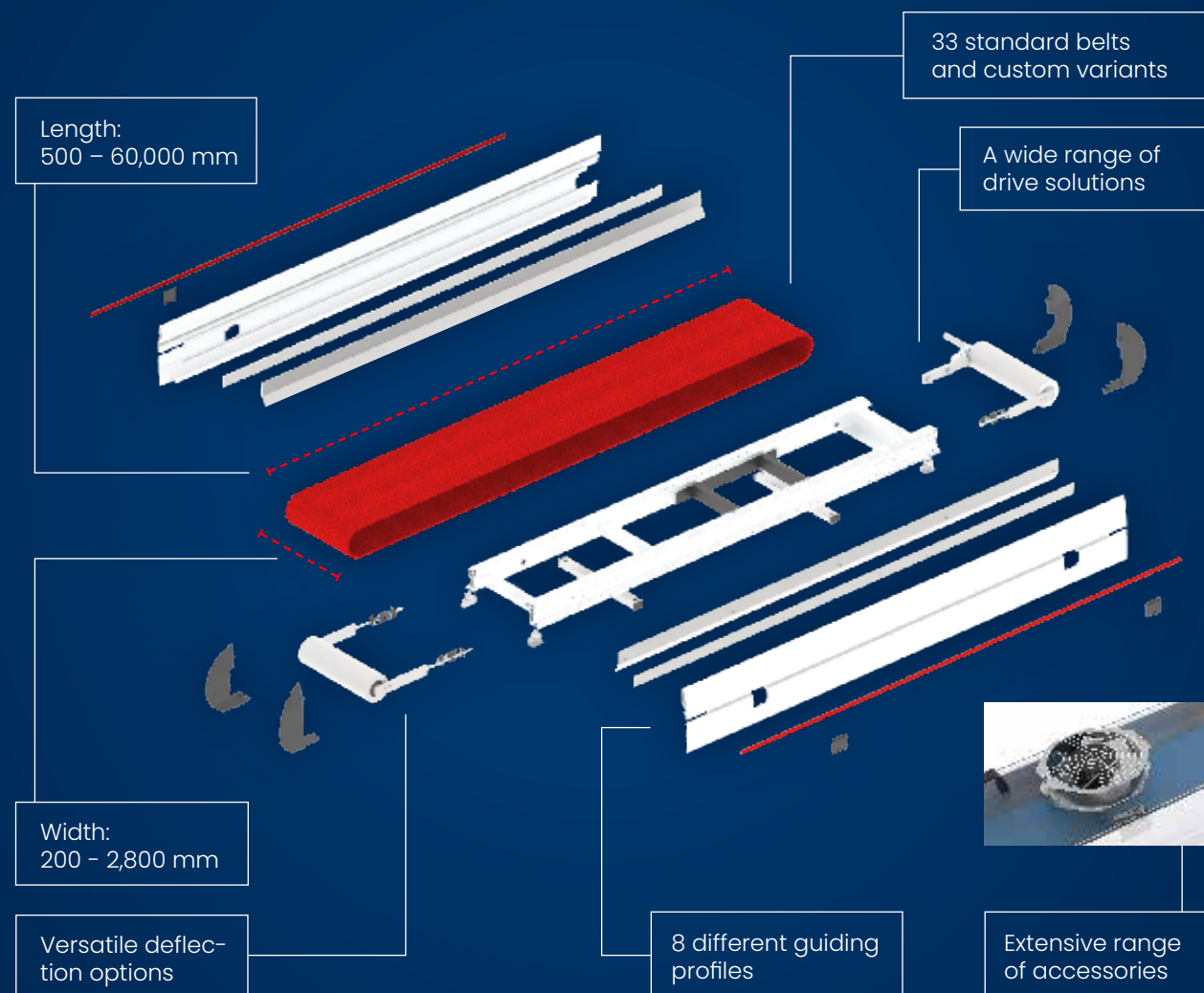
Where processes interconnect, conveyor technology must operate with precision, adapt to changing requirements and deliver reliable long-term performance. That is exactly what our conveyors are designed for: tailored to your specific conditions and needs, seamlessly integrated and consistently engineered for efficiency. Whether for demanding production environments or complex conveyed products, we develop solutions that make a tangible difference to your operations.



Your Customized Solution

OUR MODULAR SYSTEM

Our modular design makes conveyor technology highly flexible: individual modules and components can be combined, expanded or adapted as required. The result is equipment that grows and evolves with your needs – without unnecessary downtime. Efficient, practical and precisely tailored to your processes.



PRODUCT CONFIGURATOR

You select the parameters and equipment, and we create a 3D CAD model and a technical PDF data sheet for you – ideal for developing your concept and requesting a quotation directly.

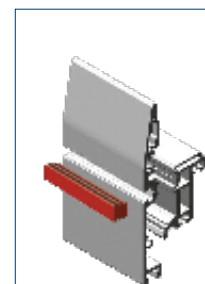


Modular base frame system

Conveyor Technology in Detail

MTF Multi-Tech Profile Technology

- ✓ Self-supporting aluminum double-beam construction
- ✓ Anodized, multifunctional aluminum guide profile
- ✓ Two integrated T-slots per profile
- ✓ Flexible combination with MTF base frames
- ✓ Quick installation of a wide range of accessories
- ✓ 8 different guiding profile types
- ✓ Innovative sealing system to prevent component jamming

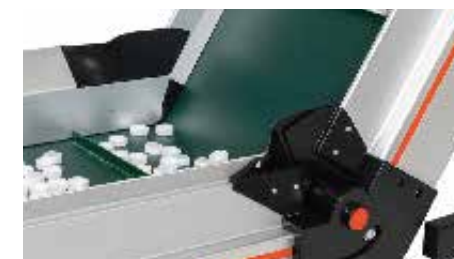


DISCOVER THE PROFILE TYPES



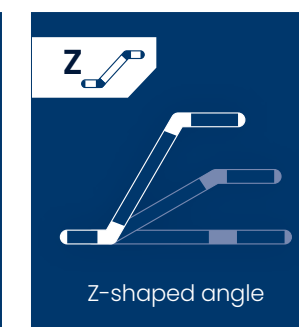
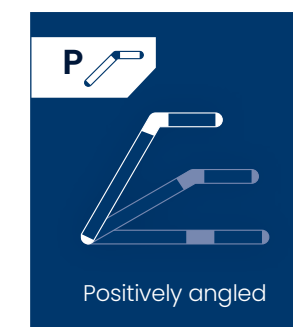
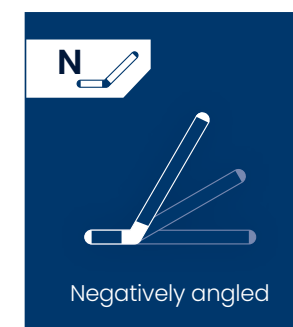
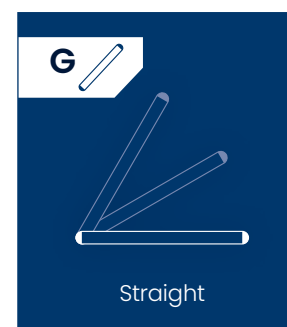
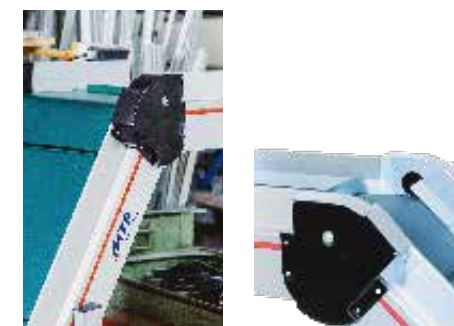
Seamless Belt Transitions

- ✓ Smooth transition between inclined and horizontal belt sections
- ✓ Infinitely adjustable from 0° to 60°
- ✓ Robust, plastic-coated cast aluminum components
- ✓ High impact resistance



Smart Bending Technology

- ✓ Unique solution for angled conveyors
- ✓ Constant belt tension from 0° to 60°
- ✓ Integrated curve slider in the horizontal section
- ✓ Prevents abrasion
- ✓ Ideal for cleanroom applications



Belt Conveyors

FOR SPECIFIC APPLICATIONS

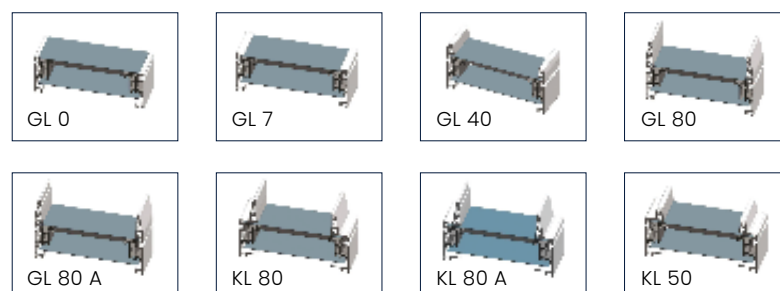


When material flow operates seamlessly, it is barely noticeable – and that is precisely the goal. Our belt conveyors ensure that your parts arrive reliably wherever they are needed: quietly, cleanly and gently. Whether you are handling sensitive products, working with limited installation space or meeting specific hygiene and safety requirements, these conveyor solutions adapt to your process – not the other way around. Thanks to their flexible design and wide range of equipment options, we create customized conveyors that integrate seamlessly into your existing systems and make your processes noticeably simpler.

Benefits of the MTF-Belt Conveyors

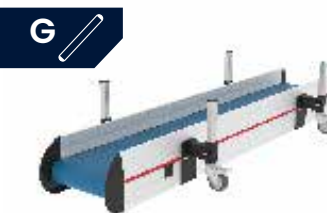
- ✓ Custom manufacture of all MTF Technik conveyor belts
- ✓ Durable and easy to maintain thanks to robust materials and well-engineered designs
- ✓ Self-supporting aluminum double-beam construction for easy belt replacement
- ✓ Belts can be customized with cleats, corrugated sidewalls and other features
- ✓ Reliable transport of a wide variety of products
- ✓ Customizable width and length options
- ✓ Wide selection of belts to suit the conveyed product and application
- ✓ Optimum protection of the conveyed products thanks to integrated clip-on sealing strips
- ✓ Easy to design using our configurator

THE DIFFERENT PROFILE TYPES

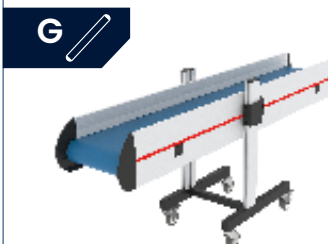


Selection of Models

GL-EM 120



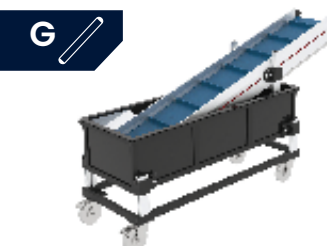
GL-HE 020



GLD-LD 070



GLW-HE 020



NL-HE 020



NL-IE 010



PL-LD 070



PLF 90°



ZL-HF 310



ZL-HM 140



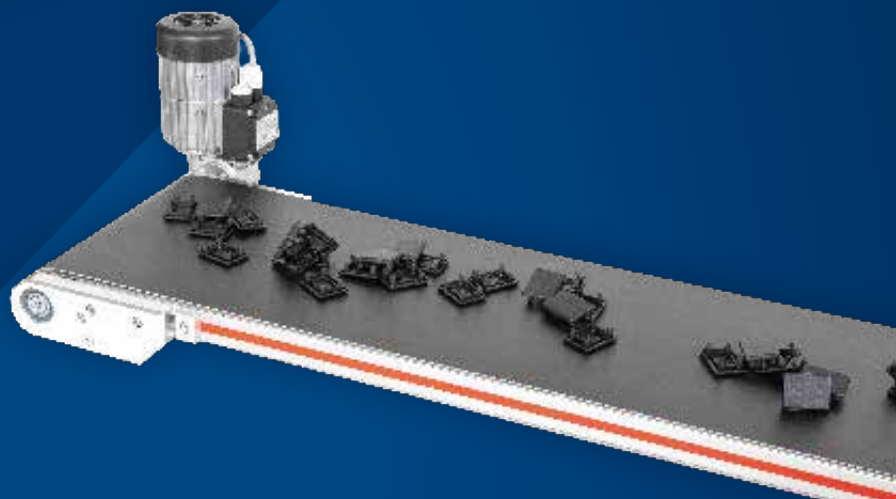
BELT CONVEYORS OVERVIEW

Curious to learn more?
Explore our belt conveyors
and discover the full range
of available standard
designs.



Small Conveyors

FOR CONFINED SPACES



Is space limited while requirements are high? Our tailor-made small conveyors ensure that materials are transported reliably to the right place – even from the narrowest machine and tooling spaces.

With an overall height of just 30 mm and an optimized ratio between conveyor width and usable belt width, these conveyors can be flexibly integrated into existing systems without major modifications or compromises.

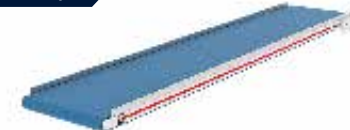
Benefits of the MTF-Small Conveyors

- ✓ Compact design with an ideal ratio of overall width to usable belt width, thanks to belt tensioning elements
- ✓ Wide selection of belts to suit the application and conveyed product
- ✓ Ideal for extremely confined spaces
- ✓ Various drive units for every application
- ✓ Broad range of available base frames
- ✓ High-quality materials
- ✓ Easy to design using our configurator



Selection of Models

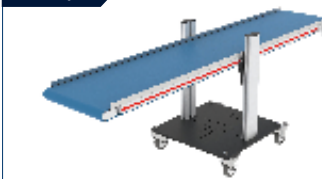
IL



IL-AM 140



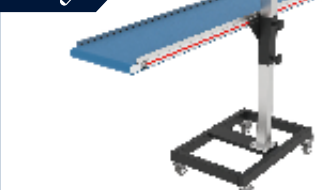
IL-BE 020



IL-HE 060



IL-IE 060



INL-HE 060



INL-LD 440



IPL-BE 020



IZL-HE 050



IZL-IE 030



SMALL CONVEYORS OVERVIEW

Curious to learn more? Explore our small conveyors and discover the full range of available standard designs.



Steel Plate Conveyors

FOR EXTREME CONDITIONS



When temperatures are high or the conveyed material creates other exceptional loads, standard conveyors are no longer sufficient. This is where our steel plate conveyors demonstrate their strengths. With their robust construction and heat-resistant carrying elements made of steel or stainless steel, suitable for temperatures of up to 300°C, they are ideal for applications in metal processing – for example stamped parts, zinc or aluminum die-cast components, and cold-formed parts such as screws or rivets – as well as in the plastics industry. All our hinged belt conveyors are built to withstand tough conditions. With our wide range of configuration options, you can select the solution that best matches your specific requirements.

Benefits of the MTF-Steel Plate Conveyors

- ✓ Stable, torsion-resistant construction
- ✓ Hinged belt heat-resistant up to a maximum of 300°C
- ✓ Robust design for industrial applications
- ✓ Optimum sealing between the side guides and hinged plate belt
- ✓ Conveyor belts made of steel or stainless steel with a range of surface finishes
- ✓ Maximum operational safety thanks to the fully enclosed design
- ✓ Minimal maintenance requirements
- ✓ Carrying element can be replaced without dismantling the conveyor body



Selection of Models

GV-AM 140



GV-HE 020



GV-HM 140



NVF-HE 010



NVF-LD 120



PVF-HE 010



PVF-LD 120



ZVF-AM 140



ZVF-HM 140



ZVF-LD 120



STEEL PLATE CONVEYORS OVERVIEW

Curious to learn more? Explore our hinged belt conveyors and discover the full range of available standard designs.



Magnetic Conveyors

FOR SMOOTH CONVEYING

Small, angular, flat, or pointed shapes pose no obstacle to the transport of ferritic materials. Powerful neodymium magnets securely attract your parts and carry them along. Our magnetic conveyors provide exceptionally strong holding force without creating pinch points. The conveyed material simply slides over the stationary slide plate.

Another advantage is the ability to transport parts vertically or, where required, even overhead. This minimizes the space needed for the conveyor solution and can significantly increase productivity in your operations.

Benefits of the MTF-Magnetic Conveyors

- ✓ Ideal for transporting small, pointed and sharp-edged parts
- ✓ High-strength neodymium magnets ensure secure part handling
- ✓ Enclosed design prevents components from becoming trapped
- ✓ Vertical conveying of components is possible, in some cases even suspended overhead
- ✓ Low-wear, low-maintenance design
- ✓ Maximum operational safety thanks to the enclosed construction
- ✓ Robust design for industrial applications
- ✓ Various drive units for every application



Selection of Models

GM-AM 140



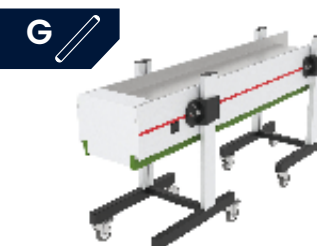
GM-HE 020



GM-HM 010



GM-HM 140



NMF-HE 020



NMF-HM 140



PMF-LD 010



ZMF-AM 140



ZMF-HM 140



ZMF-LD 120



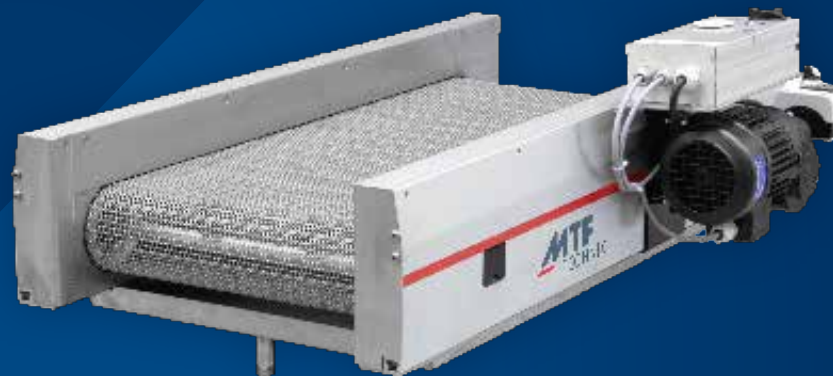
MAGNETIC CONVEYORS OVERVIEW

Curious to learn more? Explore our magnetic conveyors and discover the full range of available standard designs.



Wire Belt Conveyors

FOR DEMANDING PARTS



With temperature resistance up to 250°C, a robust design and low maintenance requirements, our wire belt conveyors handle oily, sharp-edged and heavy parts with ease. Their open wire mesh construction in steel or stainless steel provides optimum permeability to air and liquids, making them ideal for applications in metal processing, die casting and automation. And because every production task is different, our wire belt conveyors can be flexibly customized – with or without chain guides, in a variety of mesh designs, or even with cleats for inclined conveying sections.

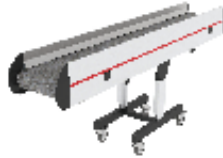
Benefits of the MTF-Wire Belt Conveyors

- ✓ High temperature resistance up to 250°C
- ✓ Electrically conductive belt for applications involving static charge
- ✓ Good chemical and mechanical resistance of the wire belts
- ✓ Permeable to liquids and air/gases
- ✓ Wide range of available belt specifications
- ✓ Robust design for industrial applications

SELECTION OF MODELS

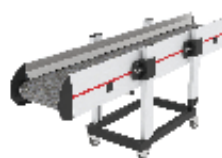
GS-HE 010

G



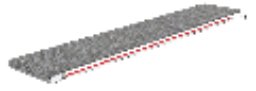
GS-LD 120

G



IS

G



LEARN MORE HERE:



Belt Curves

FOR FLEXIBLE CHANGES OF DIRECTION



This is where precision meets flexibility: our curved belt conveyors guide your unit loads safely and gently around corners without compromising their orientation or speed. With conveying angles from 30° to 180° and minimum pulley diameters starting at just 8 mm, they handle even small or sensitive parts with ease – precisely tailored to your requirements.

Benefits of the MTF-Belt Curves

- ✓ Wide range of belts in different materials
- ✓ Gentle product transport while maintaining product orientation
- ✓ Freely selectable conveying angles between 30° and 180°
- ✓ Small cylindrical pulleys for smooth product transfer
- ✓ Available in a complete stainless-steel version
- ✓ Reversible conveying direction as standard

SELECTION OF MODELS

MD ST22 30°



MD ST22 60°



MD ST22 180°



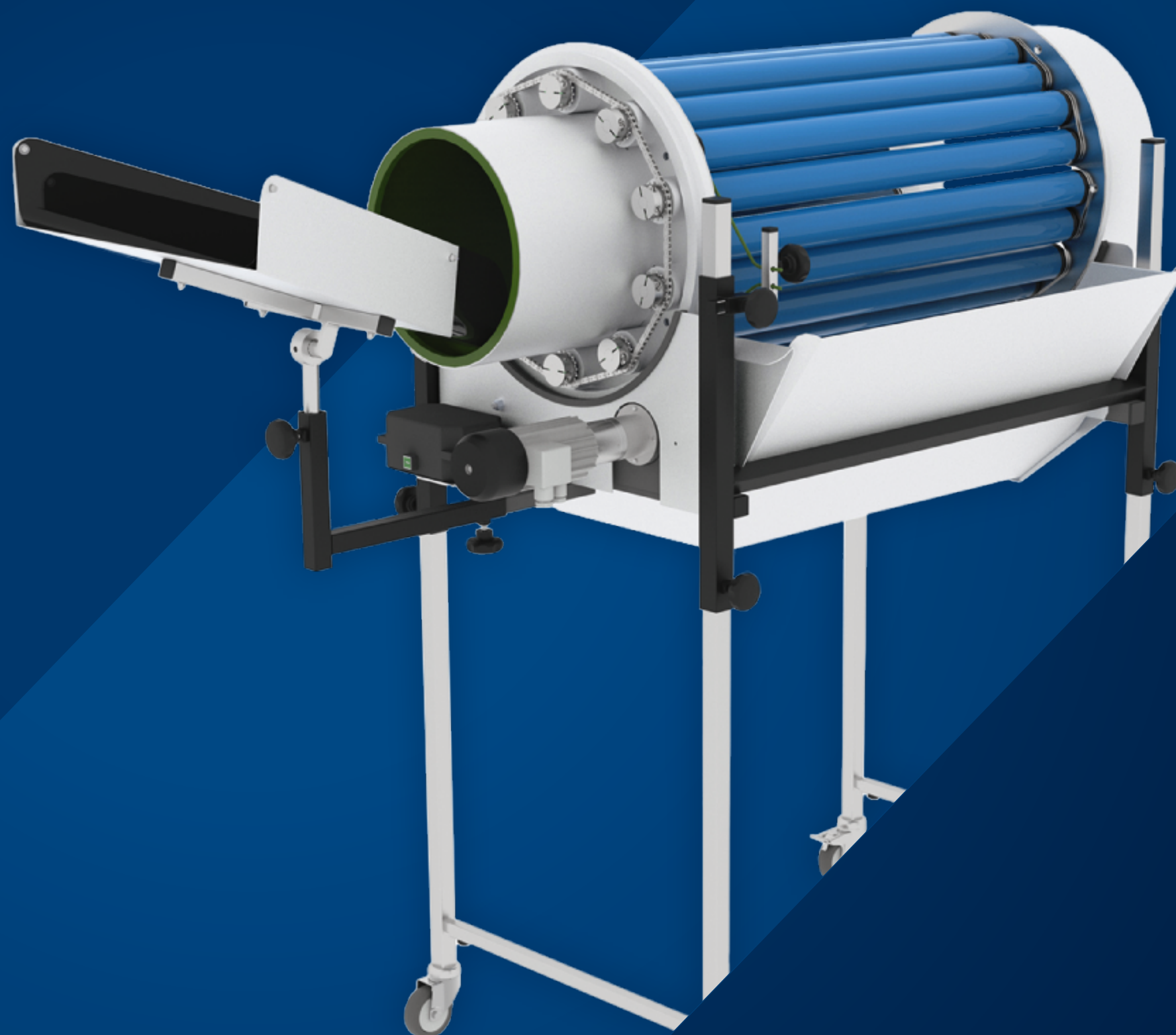
LEARN MORE HERE:



Order instead of chaos.

SEPARATING SYSTEMS REIMAGINED

Our broad and unique range of separation systems brings order to complex material flows. Precisely tailored to your requirements, they ensure reliable processes and consistently high separation rates. The result is a customized solution for efficient operations that integrates seamlessly into existing systems.



Separating Drums

BRINGING ORDER TO CHAOS



It is time for a clean separation – without any drama. Our separating drums automatically and precisely separate your components according to size, shape or geometry. The result is a defined, continuous material flow without the need for manual sorting.

Their unique advantage is their flexibility: from interchangeable drum cages to fully tailor-made designs. This allows each separating drum to be precisely adapted to your parts and processes, delivering consistently high-quality separation results.

Benefits of the MTF-Separating Drums

- ✓ High operational safety thanks to the friction wheel drive
- ✓ Adjustable inlet chute with polyamide coating to protect parts
- ✓ Height and inclination of the separating drum continuously adjustable without tools
- ✓ Well-engineered details and patented technologies for optimum separation results
- ✓ Separating drums available in various diameters and lengths
- ✓ Rectangular drum with patented anti-jamming mechanism
- ✓ Separating gaps adjustable within seconds using planetary central adjustment
- ✓ Segment separating drums are suitable for particularly demanding part geometries



Selection of Models

3 R7 B



Rectangular Separating Drum

PZ 257 B



Roller Separating Drum

357 B



Roller Separating Drum

I 307 B



Tube Separating Drum

S 307 B



Segment Separating Drum

A 307 B



Perforated Separating Drum

I 307 B



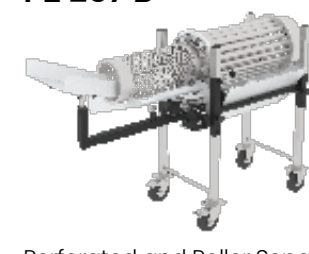
Tube Separating Drum, 90° chute

S 307 B



Segment Separating Drum with container holder

PZ 257 B



Perforated and Roller Separating Drum, reinforced version

PZ 257 B



Separating Drum with soundproof hood

SEPARATING DRUMS OVERVIEW

Curious to learn more?
Explore our separating drums and discover the full range of available standard designs.



Screw Separators

FOR SEPARATION WITH A TWIST



Sorting has never been easier: our screw separators precisely separate components by size using a rotating screw positioned above a fixed plate. Smaller parts slide underneath the screw, while larger parts are conveyed to the side. And of course, there is more than one solution. Depending on the application, the system can be supplied as an attachment to a belt conveyor or as a stand-alone unit, with a choice of screw materials and geometries. The result is a clean, efficient material flow tailored to your production environment – without the need for manual sorting.

Benefits of the MTF-Screw Separators

- ✓ Screw supported on both sides for precise adjustment of the separation gap
- ✓ Separation gap height conveniently adjustable using knurled nuts
- ✓ Space-saving drum motor integrated into the screw roller
- ✓ Intelligent speed control with 15 speed settings
- ✓ Wide range of adjustment options
- ✓ Various materials and geometries available
- ✓ Available with left- or right-hand discharge
- ✓ Separation lengths of 600 or 800 mm
- ✓ Scraper above the screw roller for controlled part feeding
- ✓ Flexible, adjustable spikes for loosening the material to be separated
- ✓ Rapid changeover for different combinations of parts



Selection of Models

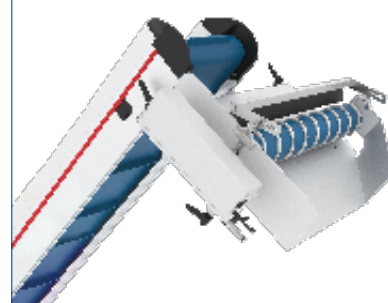
MSL-600



MSR-800



SAL-800



SAR-600



Double Screw Separator



SCREW SEPARATORS OVERVIEW

Curious to learn more? Explore our screw separators and discover the full range of available standard designs.



Roller Separators

FOR PERFECT SEPARATION
LINES IN MATERIAL FLOW



It's that simple: smaller parts fall through precisely defined gaps, while larger parts are conveyed onwards. Our roller separators provide clean, reliable separation directly at the production machine.

Thanks to flexibly adjustable separation gaps and quick, tool-free adjustment, the systems can be precisely configured for different parts – for consistently accurate results with minimal effort.

Benefits of the MTF-Roller Separators

- ✓ Separating rollers mounted on both sides for a precise separation gap
- ✓ Separation gaps conveniently adjustable using star-shaped handles
- ✓ Integrated, maintenance-free drum motor drive with separate speed control
- ✓ Effortless, tool-free adjustment
- ✓ Minimal changeover times for different part combinations
- ✓ Variable mounting rods for easy integration into existing processes
- ✓ Robust discharge plate for controlled part guidance
- ✓ Extremely easy operation and a high level of occupational safety



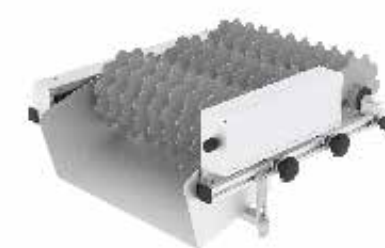
Selection of Models

TA 400-3



Roller Separator

SSA 400-3



Disc Separator

ROLLER SEPARATORS OVERVIEW

Curious to learn more? Explore our roller separators and discover the full range of available standard designs.



Belt Conveyor with attached
Roller Separator

Automatically *better.*

INTELLIGENT AUTOMATION

Whether conveying, buffering or distributing parts, synchronizing processes or intelligently controlling operations, automation brings structure to complex production environments. It transforms numerous individual steps into a seamless and, above all, cost-effective overall process – ensuring that everything arrives at the right place at precisely the right time.



Buffer Stations

FOR EFFICIENT PARTS HANDLING



Consistent production right from the start is nice, but rare: That is where our buffer stations come into play. Whether distributing, counting, buffering or packaging parts directly, they effortlessly compensate for differences in cycle times, temporarily store parts and keep processes running smoothly. Our systems adapt flexibly to your production environment and integrate seamlessly into existing systems. The result: less downtime, greater efficiency and a material flow that simply keeps moving – even when things get hectic around it.

Benefits of the MTF-Buffer Stations

- ✓ Individual planning and project management
- ✓ Extensive portfolio of solutions for distributing and storing materials
- ✓ 50 years of expertise in parts buffering
- ✓ Equipment individually configured to suit the specific application
- ✓ Both standardized and innovative solutions tailored precisely to customer requirements
- ✓ Integrated control solutions with customized interfaces to customer systems
- ✓ Broad range of solutions for individual parts or complete containers, such as crates, cartons and bags

SELECTION OF MODELS

MTF
FORWARD
MOVEMENT WITH A CONCEPT.

Conveyor Belt with Cross-Shifting Device



Pneumatic Shifting Unit

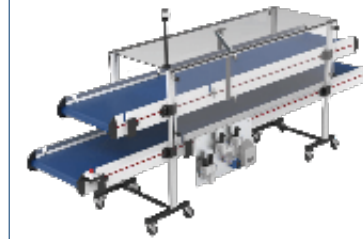


Selection of Models

Bunker Conveyor Belt



Multi-Level Conveyor Belt



Accumulation Table



Conveyor with Discharging Unit



Carousel Depot Station AUA 202



Multi-Level Conveyor with Lift



Multi-Linea Circulation Buffer



Distribution Rocker



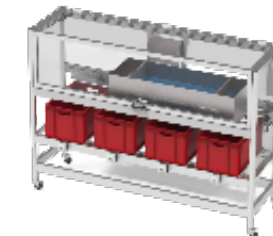
Conveyor Belt with Linear Buffer



Multi-Rounder Rotary Distributor



Linear Shifting Buffer

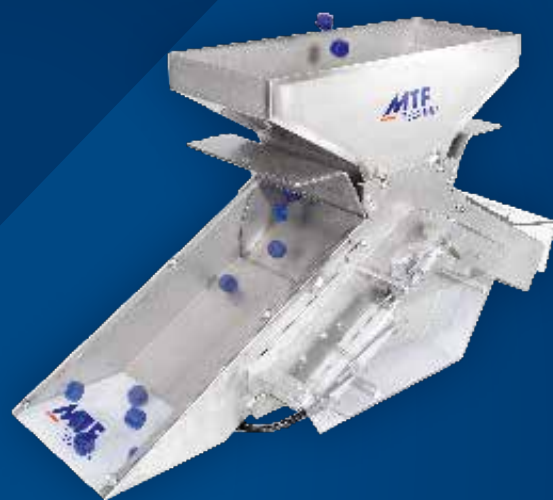


LEARN MORE HERE:



Reject Chutes

FOR CLEARLY DEFINED DIRECTIONS



Less straight ahead, more in line with your requirements: whenever parts need to be distributed, separated or discharged in a controlled manner, our reject chutes take over. They direct material flows along the required routes and set the course for smooth production processes. Customized designs, flexible drive technologies and precise integration create solutions that fit seamlessly into existing processes and operate reliably even in complex applications. They can be installed inside production machines or at the end of a conveyor belt.

Benefits of the MTF-Reject Chutes

- ✓ Custom-designed solution precisely tailored to your application
- ✓ Patented rotary shaft mechanism to prevent parts from jamming
- ✓ Adaptable to injection molding machines from all manufacturers
- ✓ Stainless-steel construction suitable for cleanroom applications
- ✓ 2-way, 3-way and multi-way reject chutes to suit the specific application
- ✓ Pneumatic, electric or servo drives



Selection of Models

AW2-e-D



2-Way Rotary Shaft Distribution Chute, electrical drive

AW2-e-Km



2-Way Flap Distribution Chute, electrical drive

AW2-p-D



2-Way Rotary Shaft Distribution Chute, pneumatic drive

AW2-p-Ke-v



2-Way Flap Selection Chute, pneumatic drive

AW2-p-Km



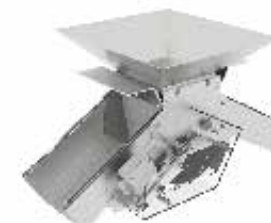
2-Way Flap Distribution Chute, pneumatic drive

AW2x2-p-Ke



2x2-Way Flap Distribution Chute, pneumatic drive

AW3-p-D



3-Way Rotary Shaft Distribution Chute, pneumatic drive

AW3-p-Ke



3-Way Flap Distribution Chute, pneumatic drive

AW3-s-D-v



3-Way Rotary Shaft Selection Chute, servomotor drive

AW4-e-DKm



4-Way Distribution Chute, electrical drive

REJECT CHUTES OVERVIEW

Curious to learn more? Explore our reject chutes and discover the full range of available standard designs.



Interlinking of Systems

FOR SEAMLESS PROCESSES

Individual systems achieve a lot, but in combination they perform even better. Our system interlinkings connect individual production stages to create a fully automated, highly efficient material flow. Products from MTF's extensive portfolio are intelligently combined and adapted to specific customer requirements.

There are no off-the-shelf solutions – only precisely what you need. Each interlinking system is individually planned, tailored to your processes and intelligently integrated into existing structures, even where space is limited or interfaces are particularly demanding.

Benefits of the MTF-System Interlinkings

- ✓ Professional, detailed planning and project management
- ✓ High-quality advice backed by 50 years of expertise
- ✓ Extensive portfolio of components for interlinking of systems
- ✓ High system availability thanks to high-quality materials
- ✓ Customized control technology and interface analysis
- ✓ On-site assembly and commissioning of larger systems



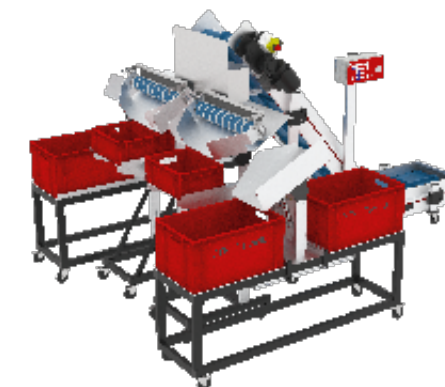
Completed Projects

FIFO Rotary Accumulation Table



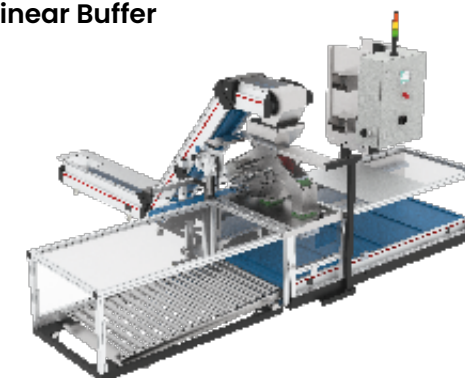
Small conveyor combination with rotary accumulation table for brass parts

Conveying, Separating, Distributing



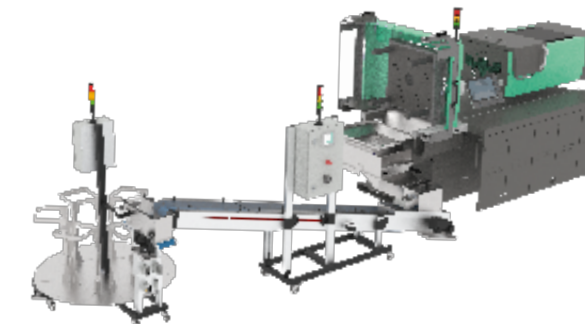
Discharge conveyor with 2-way screw separators and distribution rockers

Linear Buffer



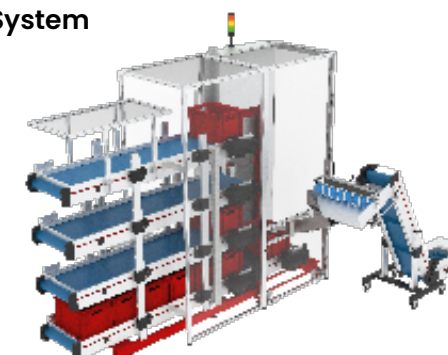
Machine discharge with material distribution, quality control and buffer conveyor section

Machine Discharge



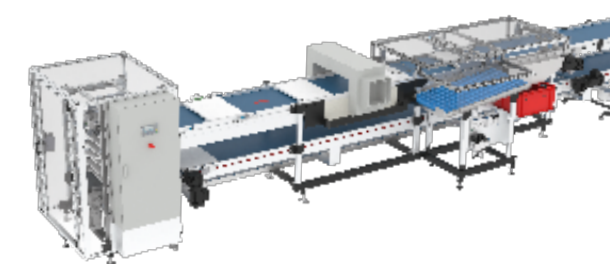
Reject chute, ionization and bag filling

Lift System



Lift system with feeding and sorting of automotive components

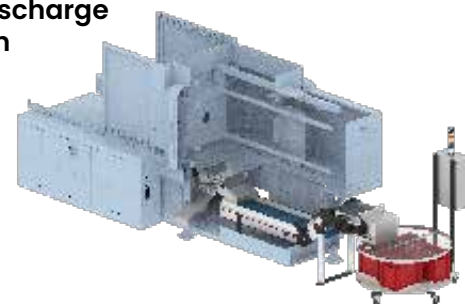
Metal Detection



Tray stacker, metal detection and discharge system for chocolate molds

Interlinking of Systems

IMM-Discharge Solution



QS reject chute, discharge conveyor and carousel depot station

Spider Rotary Distributor System



Spider rotary distributor for closure caps

Stamping Press Discharge System



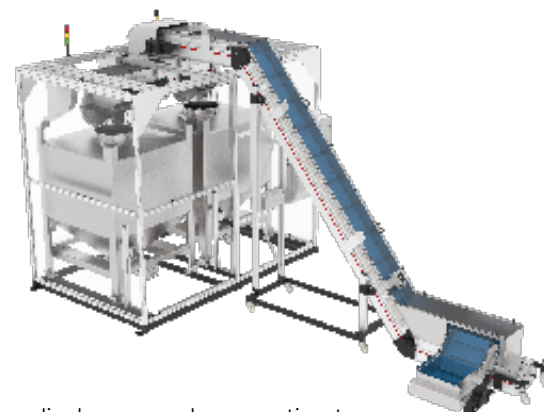
Discharge and singulation system for disc springs

QA- Inspection



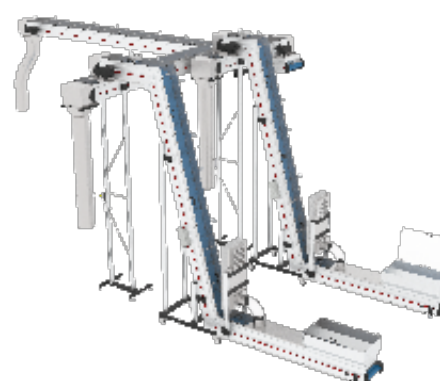
90° belt conveyor with inspection box

Cleanroom Conveyor System



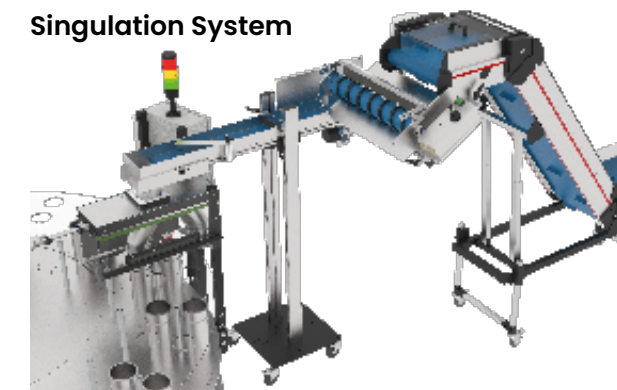
Machine discharge and connection to an autonomous transport system

Parts Cooling System



Discharge, cooling and distribution of beverage closure caps

Singulation System



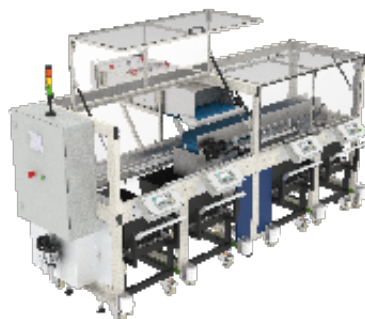
Conveying, singulation and buffering

Cleanroom Lift System



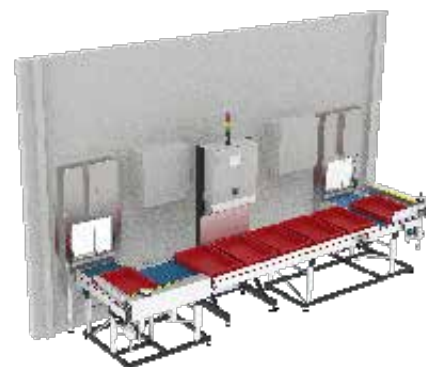
QS reject chute, discharge conveyor and lift buffer system for medical technology components

Distribution System



Discharge and distribution system for stamped parts

Cleanroom Airlock



Cleanroom airlock connected to a tray storage system

50 Years of Expert Knowledge



YOUR ADVISOR TO CONVEYOR AND SEPARATING TECHNOLOGY

What needs to be considered when conveying particularly challenging materials? Which technologies are suitable for cleanroom applications? Our online advisor provides answers to your questions about conveyor technology. Over the past decades, we have developed numerous tried-and-tested solutions for a wide range of applications. Here, we share this experience with you.

SCAN AND DISCOVER

Simply scan the QR code to discover practical tips, solutions and opportunities.



Buffering

Integrated Buffer



Cross-shifting buffer integrated into the machine bed

Accumulation Table



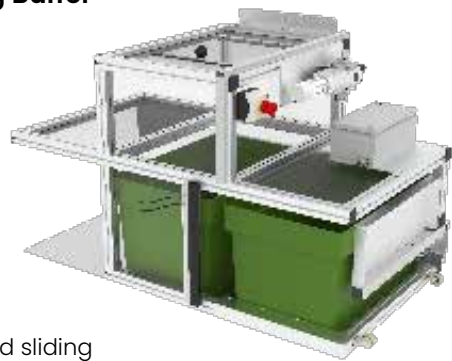
Accumulation table with discharge system

Multi-Linea

Multi-Linea circulation buffer with bag holders for cleanroom applications

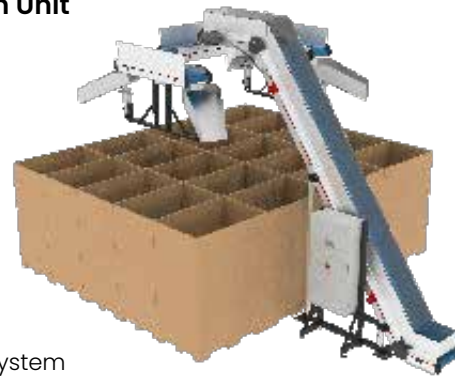


Sliding Buffer



Enclosed sliding buffer system

Distribution Unit



Distribution system for 20 large containers

Multi-Rounder



Multi-Rounder rotary distributor with pneumatic shut-off flap

Compact Lift



Pneumatic lift system with integrated scale

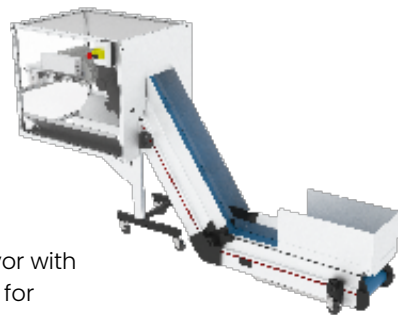
Separation

Two-Stage Separation



Perforated/roller separating drum

Disc Separator



Angled conveyor with disc separator for feeding a granulator

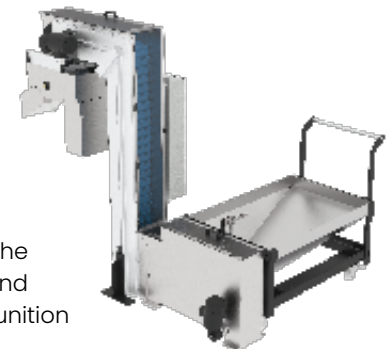
Screw Separator



Angled conveyor with cooling hopper for dental implants

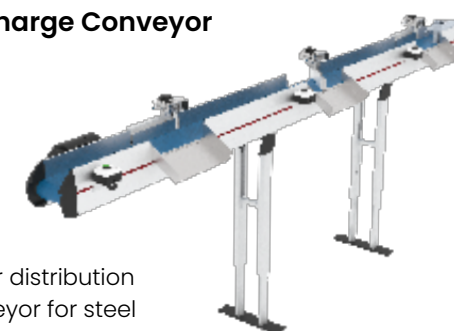
Conveyors

Docking System



Docking system for the vertical conveying and distribution of ammunition components

Discharge Conveyor



Linear distribution conveyor for steel fittings

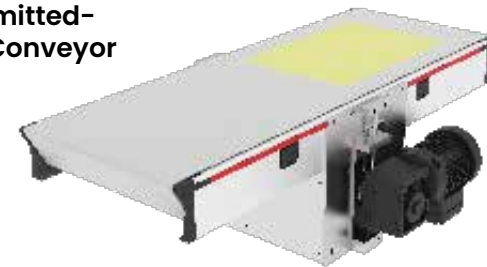
8-Lane Conveyor Section



8-lane steel hinged plate conveyor with inspection box for discharging brass cases

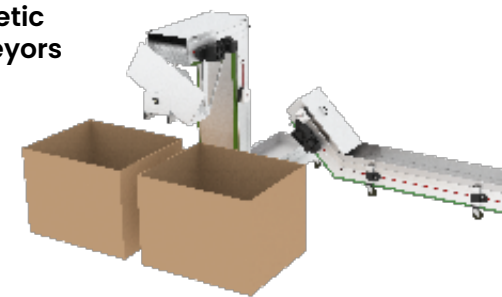
Conveyors

Transmitted-Light Conveyor



Belt conveyor with center drive, knife edges on both sides and integrated illuminated surface

Magnetic Conveyors



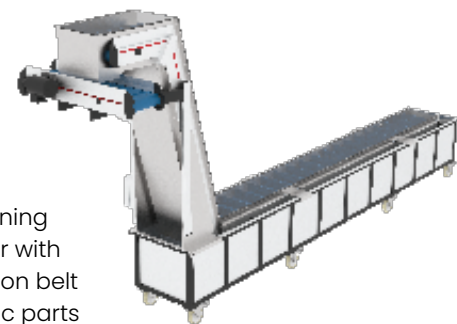
Magnetic conveyors and distributor rocker for machine discharge

Metal Detection



Angled conveyor with surface metal detector for feeding a granulator

Conditioning Conveyor



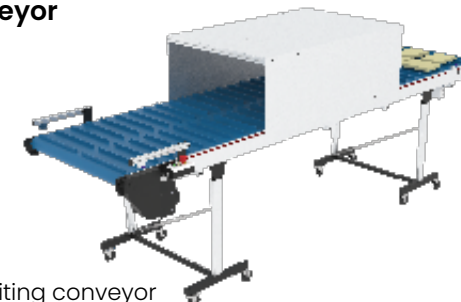
Conditioning conveyor with distribution belt for plastic parts

Cooling Conveyor



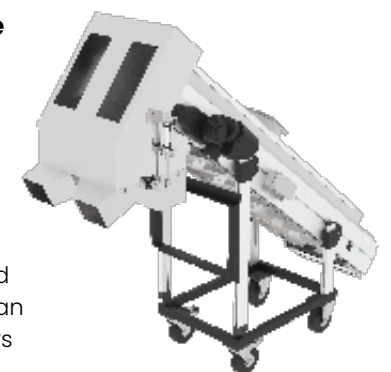
Steel mesh cooling conveyor for die-cast parts

Robot Deposit Conveyor



Depositing conveyor with access guard

Steel Hinged Plate Conveyor



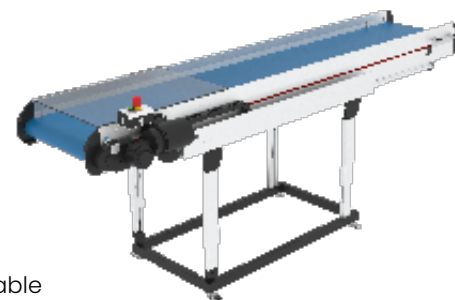
Two-lane steel hinged plate conveyor with fan and distributor rockers for die-cast parts

Multi-Level Small Conveyor



Multi-level small conveyor for optical components

Depositing Conveyor



Linearly movable depositing conveyor

Tobacco Conveyor



Angled conveyor with cover for tobacco

Bunker Conveyor



PLF 75° with feed hopper and pivoting discharge chute

Ionization



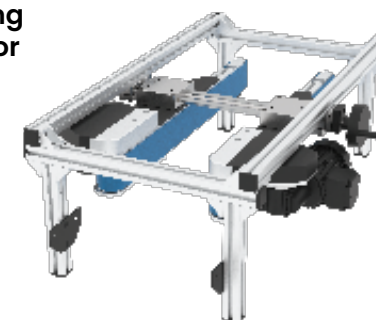
Bunker conveyor belt with ionization unit

Extra-Wide Angled Conveyor



Angled conveyor belt, 1,500 mm wide

Centering Conveyor



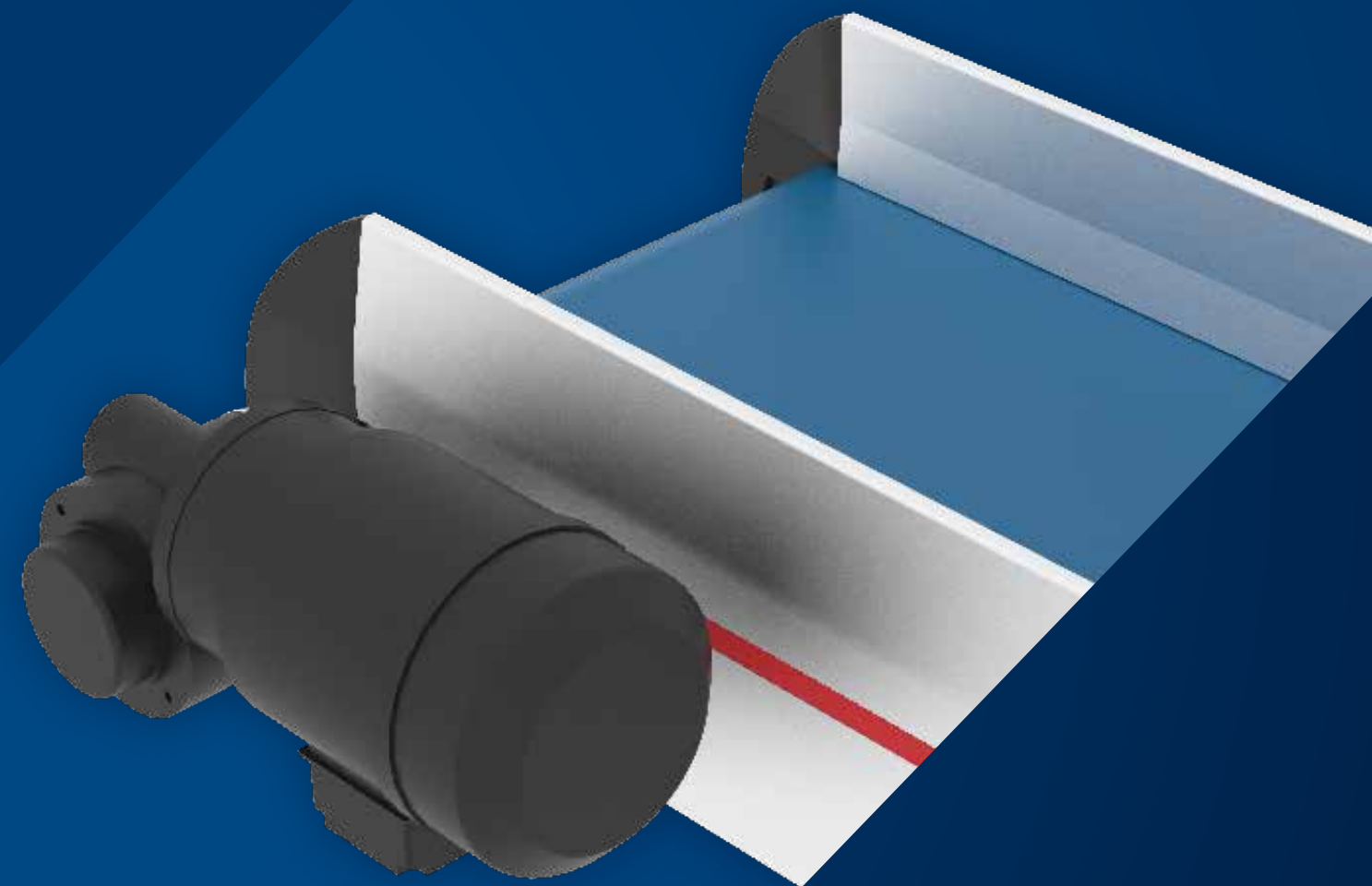
Width-adjustable conveyor system

Power in *every* component.

VERSATILE COMPONENTS

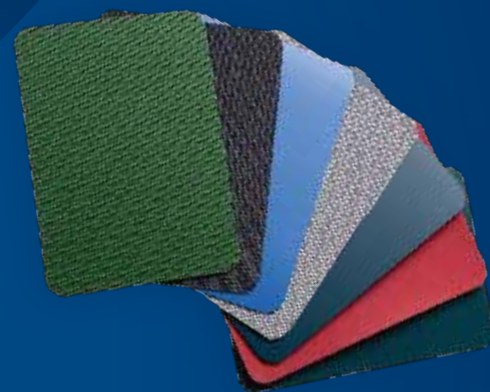
Every component makes a difference – because processes only run smoothly when everything works together seamlessly. That is why we insist on the highest quality across our entire component range.

Our belts and drive units ensure efficient transport, base frames provide a stable foundation, accessories extend functionality, and spare parts keep your systems operational over the long term. Every component can be tailored to your individual requirements, integrated seamlessly into existing systems, and helps to ensure that even complex production processes remain stable and efficient.



Belt Types

A PERFECT FIT FOR EVERY APPLICATION

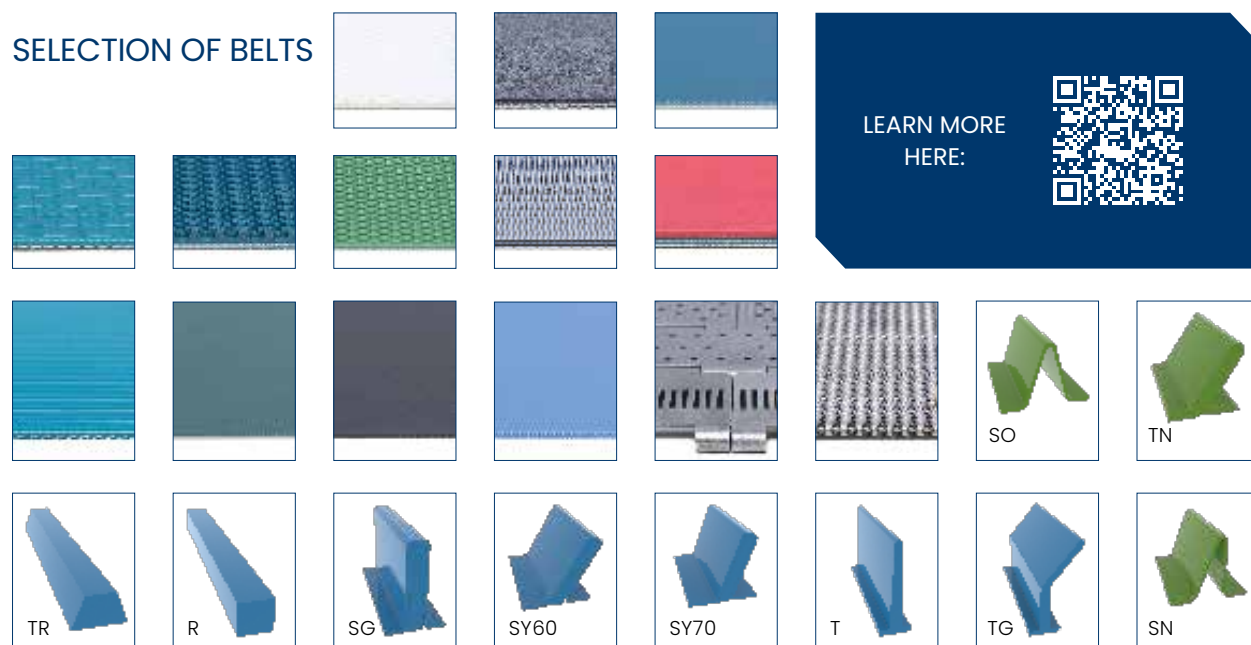


PVC, steel or even plush – not all belts are the same. Our belt types are made from high-quality materials and feature a wide range of surface structures, some of which are temperature-resistant, to ensure safe and reliable transport within your production environment. They can be flexibly adapted to your requirements and customized with an extensive range of accessories. And when a replacement belt is needed, our intelligent, service-friendly design enables quick and straightforward replacement.

Benefits of the MTF-Belts

- ✓ Custom manufacture of belts for MTF belt conveyors and systems from other manufacturers
- ✓ Wide selection of belts to suit the application and conveyed material
- ✓ Extensive range of available cleats, corrugated edges, longitudinal guides and V-guides
- ✓ 50 years of expertise in selecting and specifying suitable belts for a wide range of applications

SELECTION OF BELTS



Drive Units

FOR DYNAMIC PROCESSES

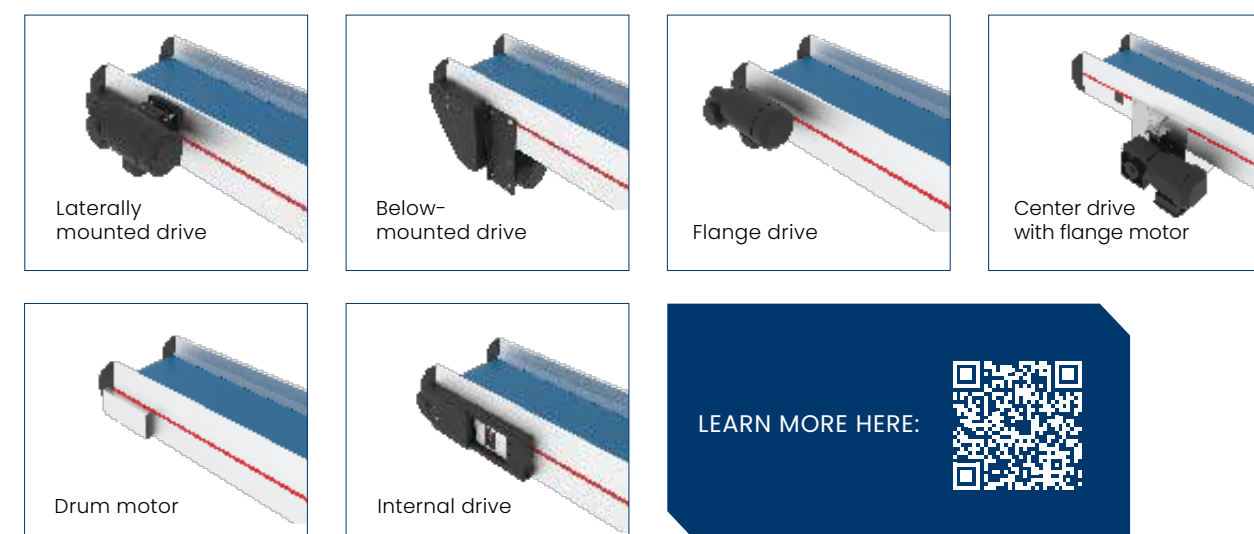


Power, performance and efficiency – perfectly combined to meet your requirements. Your conveyor belt receives the drive solution it deserves: one precisely matched to its design and application. Depending on the requirements, the belt speed can be constant, continuously variable, indexed, or controlled, using a combination of these operating modes. This enables precise adaptation to the respective conveying process, optimizing production processes and minimizing downtime.

Benefits of the MTF-Drive Units

- ✓ Efficient, high-torque three-phase motors; DC motors for special applications
- ✓ Wide selection of drive units to meet individual customer requirements
- ✓ Low maintenance requirements and high availability
- ✓ Drum motors and internal drives for optimum use of space
- ✓ Wide range of standard belt speeds and power ratings

SELECTION OF DRIVE UNITS



Base Frames

FOR STABLE SUPPORT SOLUTIONS



One of 250 variants: our extensive range of modular base frames offers the right solution for your application. Whether for straight or angled conveyor belts, horizontal or steep conveying, light or heavy conveyed goods, mobile or stationary use, low or high, wide or narrow configurations – our base frames always provide a stable, reliable foundation while offering outstanding functionality and flexibility.

Benefits of the MTF-Base Frames

- ✓ Extensive portfolio of base frames for a wide range of applications
- ✓ Convenient height adjustment using lockable gas pressure columns
- ✓ Effortless inclination adjustment with gas spring assistance
- ✓ Base frames can be repositioned along the conveyor belt profiles
- ✓ Robust profiles specially developed for use in base frames
- ✓ High-quality materials

SELECTION OF BASE FRAMES

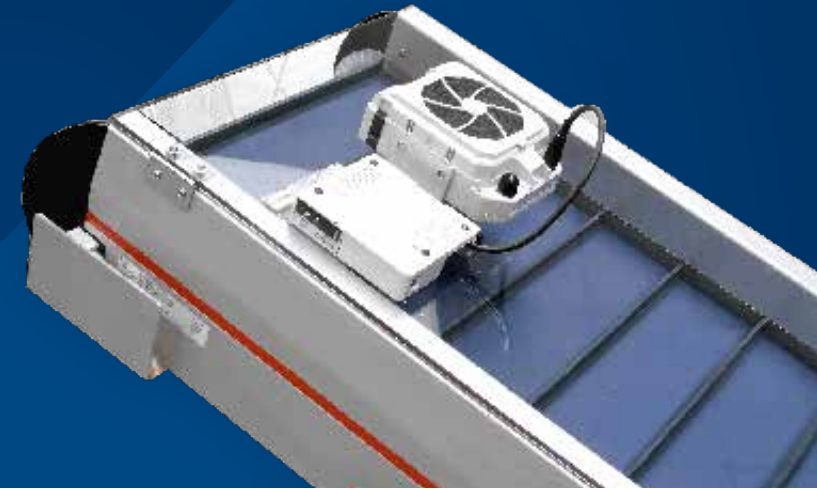


LEARN MORE HERE:



Accessories

FOR EVERY REQUIREMENT

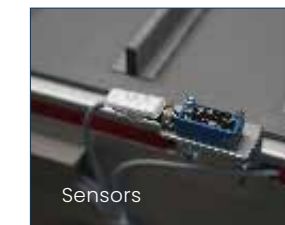
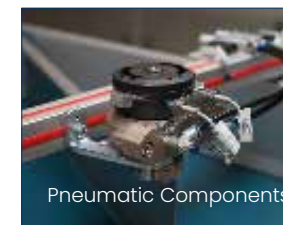
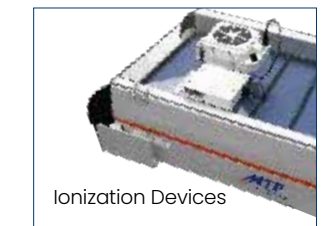
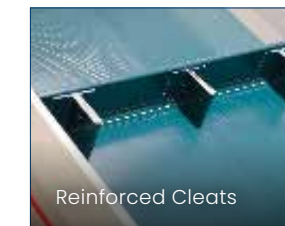


Attention to every detail: our flexible accessories add the perfect finishing touches to your system. The range of accessories available for conveyors, separating equipment and automation systems is virtually unlimited. Whether you need sensors, cooling, ventilation, heating, metal detection, ionization devices, covers, side guide extensions, scraper brushes, deflectors or discharge chutes, we offer tailor-made solutions for virtually every application.

Benefits of the MTF-Accessories

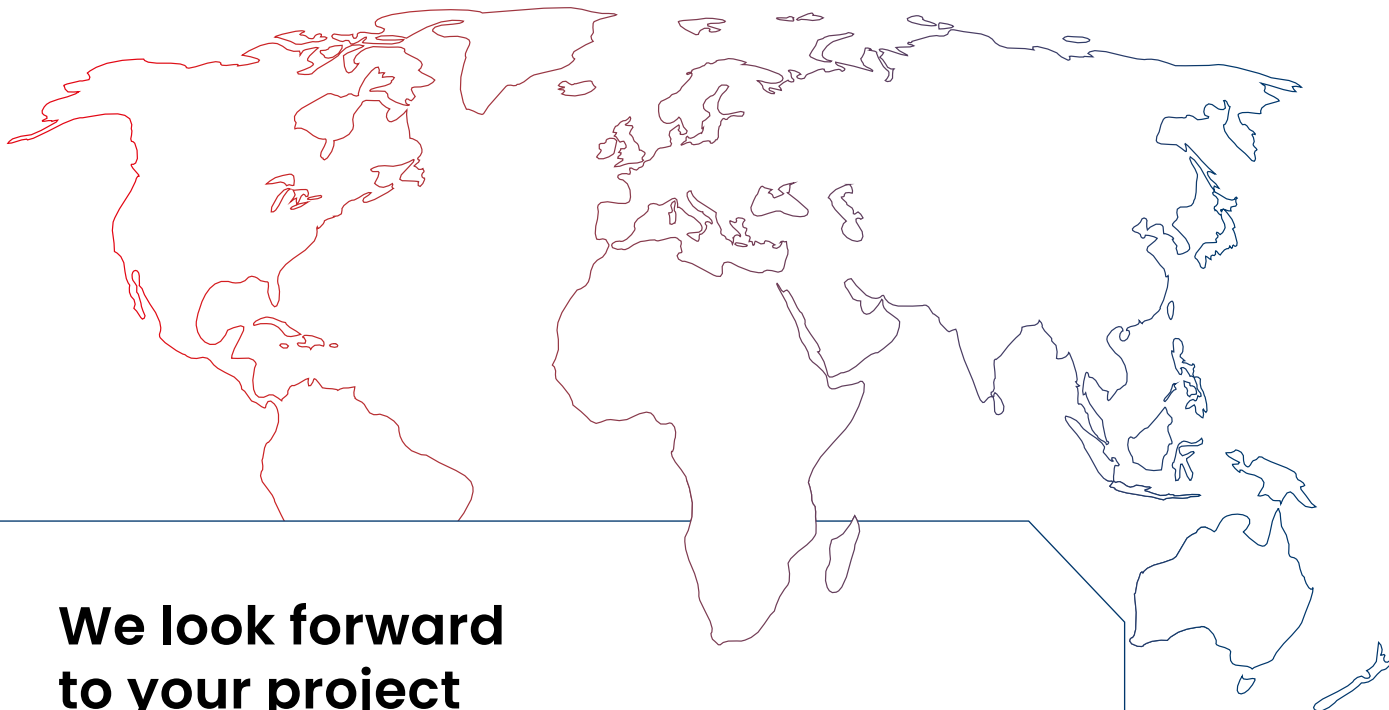
- ✓ Flexible attachment to MTF equipment using aluminum profiles with a groove system
- ✓ High-quality materials
- ✓ Individually adapted to customer-specific requirements
- ✓ Precisely tailored design matched to MTF products
- ✓ Wide variety of accessory components, from simple to complex

SELECTION OF ACCESSORIES



LEARN MORE HERE:





We look forward to your project

Great solutions start with a conversation.
Get in touch with us – we are here to help:

GERMANY



Local Field Sales
Advisors

WORLDWIDE



MTF-Sales Agencies in
Europe and Overseas



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Tel.: +49 2261 9431-0 | info@mtf-technik.de