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AIRPORT SOLUTIONS
MOVE TO SUCCESS

A black and white photograph of an airport terminal interior. Several people are walking through the terminal, their figures slightly blurred to convey a sense of movement. The terminal has a modern design with high ceilings and large windows.

MOTION06 GMBH AUSTRIA

M06

motion06 gmbh is an Austrian manufacturer of specialised equipment modules. Founded in 2006, the company is based out of Lengau, a scenic 30 minutes' drive from Salzburg city.

With key staff having over 20 years of experience in the design, development, production and distribution of material handling systems, m06 is active in three major business segments:

- Airport Baggage Handling Systems (BHS)
- Post & Parcel (Intralogistics)
- Industrial Applications

m06 offers a comprehensive portfolio for Airport Baggage Handling Systems, with its products already operational in over 65 airports worldwide. Having secured scores of references from customers worldwide, we are an established brand in the BHS industry.

Expansion ensures m06 continues to meet global demand for specialised products and technical expertise. The Joint Venture factory in

Shanghai, China, has been instrumental in establishing just that. Critical components are supplied from our main manufacturing unit in Lengau, Austria, to ensure quality harmonisation across the two factories.

Catering to system integrators and general contractors worldwide, we have provided customised products by understanding our customers' requirements and tailoring a solution that best meets their needs.

Relying on our expert consultation and harnessing our support throughout the project lifecycle, our customers have found partners in m06.

Our major shareholder is Vienna-based. With total sales exceeding € 110 million in 2016, the group has seen exponential growth in the last five years.

MOVE TO SUCCESS



WHY MOTION06?

In business you need a strong and reliable partner that can help you get the job done. Here are five reasons why you should choose motion06:

QUALITY-FIRST ATTITUDE Our products and components meet or exceed the most stringent international quality standards. We take pride in the reliability of our products.

A PARTNER NOT JUST A SUPPLIER We value long-term relationships; being your respected and trusted partner is paramount.

TAILOR-MADE SOLUTIONS You will have a customised basket of products to gain that competitive advantage in the industry.

WE PROVIDE WHAT YOU NEED AT THE BEST PRICES Competitive pricing that provides the best overall value for our customers.

GETTING WHAT YOU NEED WHEN YOU NEED IT Fast and effective customer service available and realistic delivery schedules are our prime focus, with spares and service available anywhere across the globe.



AIRPORT SOLUTIONS. READY FOR TAKE-OFF.

An extensive m06 product portfolio includes the complete range of intelligent conveyor systems employed in an airport Baggage Handling System (BHS).

We develop, design, produce and install all the mechanical equipment required to safely sort and transport baggage from check-in to take-off and return it to you swiftly upon landing.

Secure. Fast. Reliable. The three pillars that define our delivery.

COMMITMENT TO QUALITY

Our commitment to quality is ensured by a number of systems, standards, practices and approvals:

ISO m06's manufacturing facilities are certified to the ISO 9001:2015 quality standard. This standard ensures that formalised business processes are implemented to guarantee efficiency, quality, and continuous improvement.

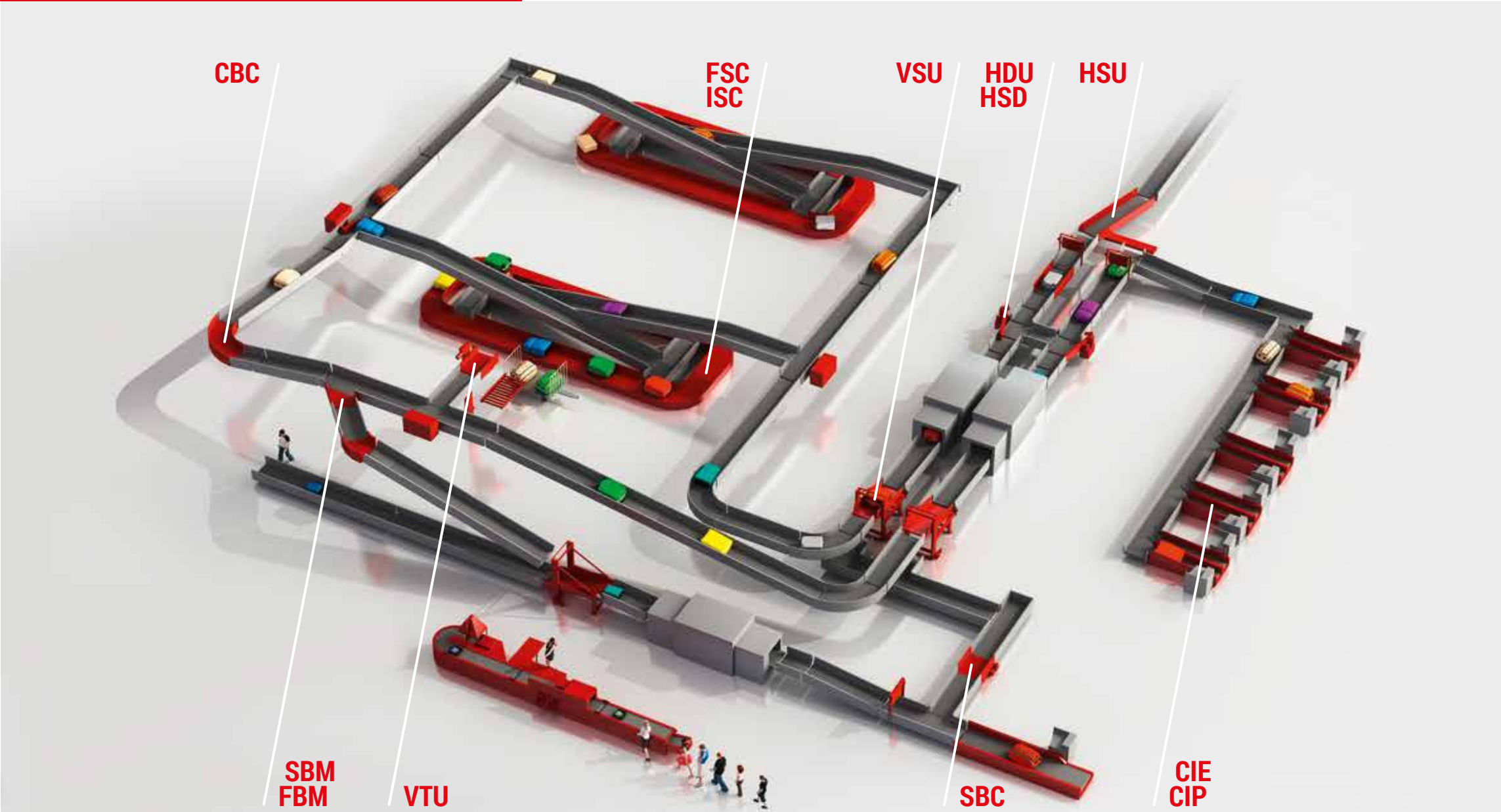
CE MARKED The design, material selection, process control and optimised production involved in the development of our products ensures a total quality performance that meets our customers' exacting needs.

BNP APPROVAL m06 has been awarded a certificate of approval from BNP Associates, a leading worldwide provider of specialised consulting services on baggage handling and other systems to the global air transportation industry.

GATE MEMBERSHIP Being a member of GATE (German Airport Technology & Equipment) means meeting the most stringent quality and performance requirements.

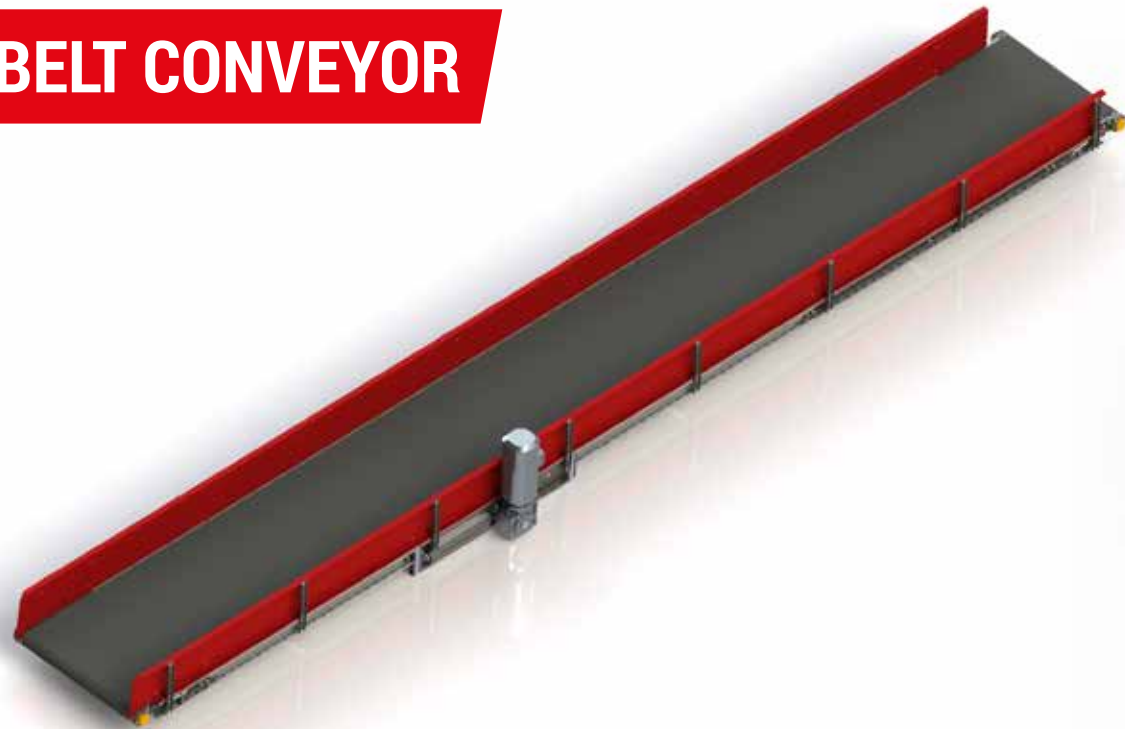
With these robust systems, our optimised use of resources and the considerable expertise of our people, we are able to ensure a level of service that sustains excellent customer relationships. We are well positioned to meet the demands and challenges of tomorrow.

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STRAIGHT BELT CONVEYOR

SBC 112



motion06 offers a full range of Straight Belt Conveyors (SBC) designed for ease of integration with our family of special equipment modules. This is a heavy-duty product designed primarily for the rigorous demands of the airport baggage handling and parcel sorting industries. Designed in a modular fashion, it can satisfy a wide range of requirements, from conveying, sorting, picking and queuing to high-speed transport. Conveying units can be installed in either incline or decline level.

HIGH SPEED CONVEYOR (HSC)

Together with our key technology partners, m06 has developed a range of High Speed Conveyor (HSC) units in order to meet the increasing demand for faster conveying speeds and shorter transport times. This is an important advantage for transport over longer distances and for high-speed, high-capacity sorting systems.

The “HSC” range makes it possible to convey items up to 6 m/s by using a combination of acceleration and high-speed conveyor sections. The “HSC” offers high-speed conveying that is both reliable and economical.

It is a simple, low-cost alternative to tub systems in Airport Baggage Handling Systems.

PRODUCT FEATURES

- Eliminates the need for totes and tote return conveying
- Smooth and quiet in operation
- Designed for integration with m06 standard conveyor modules
- Energy efficient
- Low maintenance



HIGH SPEED CONVEYOR (HSC)

TECHNICAL DATA

	SBC	HSC
Actuation using slip-on gear transmission		
Conveyor length	670–30,000 mm	up to 10,000 mm
Belt width	up to 1,500 mm	up to 1,000 mm
Side guide height	up to 600 mm	up to 600 mm
Conveyor speed	up to 2.5 m/s	up to 6 m/s
Baggage weight	up to 50 kg/m	up to 8 kg/m

CURVE BELT CONVEYOR

CBC



A strong and rugged friction drive belt curve, designed for transporting heavy-duty loads at conveyor speeds of up to 2.5 m/s. Available in various options to meet the high performance demands of airport baggage handling, parcel sorting and intralogistics. The Curve Belt Conveyor (CBC) is exceptionally smooth and quiet in operation. Designed to the highest standards of safety and with ease of maintenance in mind.

PRODUCT FEATURES

- Friction drive with belt guiding system
- Fast belt change < 15 minutes
- Parallel pulley edge to the neighbour conveyors
- Energy-efficient and economic design
- Exceptionally smooth and quiet 65 dB
- Virtually maintenance free



TECHNICAL DATA

Nominal width	up to 1,500 mm
Inside radius	up to 1,500 mm
Angles	30°, 45°, 60°, 90°
Conveyor speed	up to 2.5 m/s
Baggage weight	up to 50 kg

VERTICAL SORTING UNIT

VSU

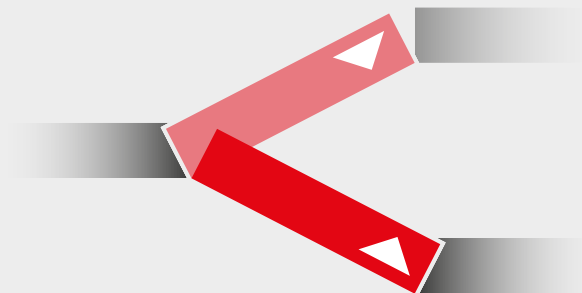


Vertical Diverters are used wherever special pieces of baggage need to be discharged from the main flow of baggage. Speed, strength and resilience become the key features for such an application, and m06's Vertical Sorting Unit (VSU) offers precisely that and more. With a capacity of up to 2,000 pieces of baggage per hour, the lifting mechanism comes with two steel-reinforced tooth belts that lifts and lowers the belt conveyor deftly.

m06's "VSU" can be easily incorporated into the existing tray conveyor system as well.

PRODUCT FEATURES

- Fast-acting vertical sorting
- Compact and lightweight
- Maintenance-free lifting system with tooth-belt drive
- Compatible with baggage tray conveyor system
- Exceptionally smooth and quiet 65 dB



HIGH SPEED DIVERTER

HSD

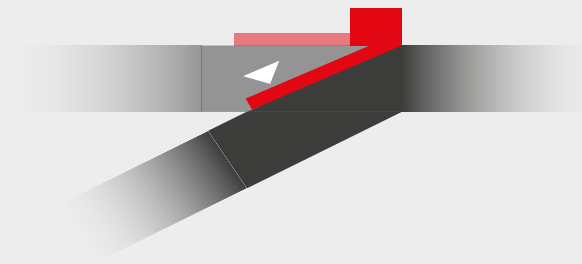


The motion06 High Speed Diverter (HSD) is available at various performance levels, capable of reaching a capacity of 2,700 items/hour. Due to a newly developed drive concept (Class IE4), the m06 Diverter is highly energy efficient and its the flexible design of the construction makes the changing of the swivel direction a simple procedure on site.

Due to the stand-alone principle, the machine is quite easy to integrate without requiring any mechanical connection to the feed system. Maintenance-free components with the lowest possible operating costs are valuable advantages of the "HSD".

PRODUCT FEATURES

- Great stability with the highest possible performance
- Compact and lightweight
- Exceptionally smooth and quiet (65 dB)
- Stand-alone principle for ease of integration
- Simple left/right shifting on site
- Energy-efficient and economic design

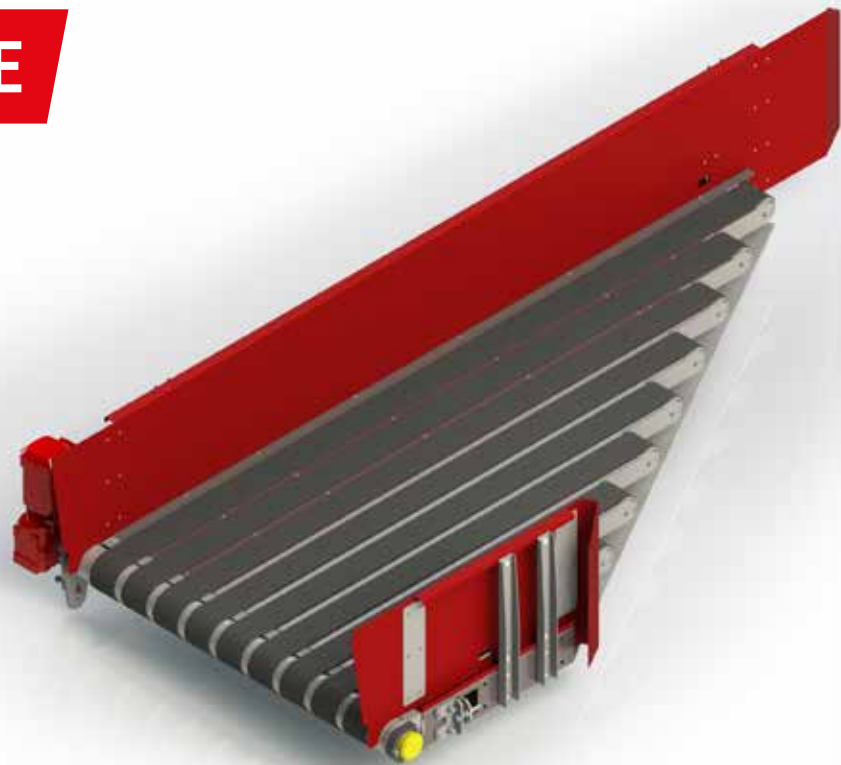


TECHNICAL DATA

Throughput capacity	up to 2,700 units/h
Baggage weight	up to 60 kg
Total weight of all components	only approx. 200 kg with highest possible stability

STRIP BELT MERGE

SBM



The motion06 Strip Belt Merge (SBM) is a compact, well-designed machine for high-performance operations with very high reliability, achieving operating speeds of 3 m/s. It has been so designed that in the case of one strip being damaged, the system continues to work flawlessly.

In conjunction with a belt deflector, the “SBM” can also be used to transfer baggage at varying angles.

PRODUCT FEATURES

- High level of operational resilience through the strip design
- Extremely short construction lengths possible
- Very low construction height (approx. 130 mm)
- Cyclic, start/stop duty
- Merge or discharge function
- Energy-efficient and economic design

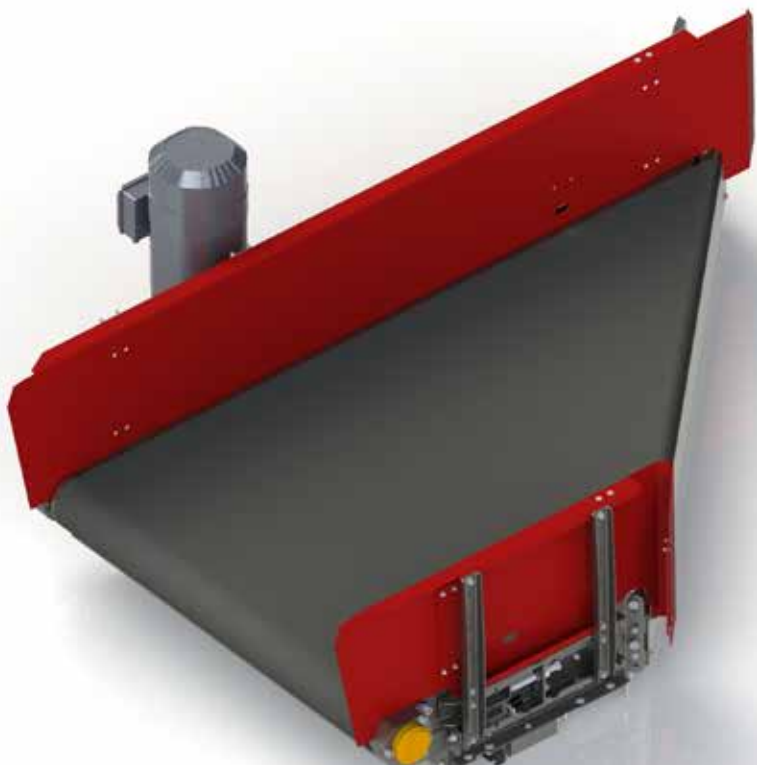


TECHNICAL DATA

Conveyor speed	up to 3 m/s
Angles	30°, 45°, 60°
Total belt width	up to 1,500 mm
Baggage weight	up to 75 kg

FULL BELT MERGE

FBM



The compact Full Belt Merge (FBM) operating at conveyor speeds up to 2 m/s, is an alternative to Strip Belt Merge (SBM). Designed for flawless and repeatable merge function where a closed belt carrier is preferred. Automatic belt tracking is included as a standard feature.

In conjunction with the Horizontal Diverting Unit (HDU) from motion06, the merge can also be used for merge or discharge functions.

PRODUCT FEATURES

- Closed belt surface for a smooth baggage transfer
- Automatic belt tracking
- Cyclic, start/stop duty
- Merge or discharge function
- Energy-efficient and economic design



TECHNICAL DATA

Conveyor speed	2 m/s
Angles	30°, 45°
Belt width	up to 1,500 mm
Baggage weight	up to 75 kg

VERTICAL TRANSPORTING UNIT

VTU



This compact Vertical Transporting Unit (VTU), designed for precise elevation adjustments, has been tried and tested extensively for decades and has always proven itself to be highly efficient.

Offers safety and reliability in situations where available space restricts the use of conveying inclines and/or declines, giving rise to the need for a vertical lifting device. Ideal in situations where non- continuous lifting is required. Typical applications are airport baggage handling and container systems.

PRODUCT FEATURES

- Low starting heights with adjustable input and output positions
- Compact footprint where space is restricted
- Compatible with baggage tray conveyor system
- Maintenance-free lifting system with tooth-belt drive
- Strong and rigid box girder construction
- Energy-efficient and economic design



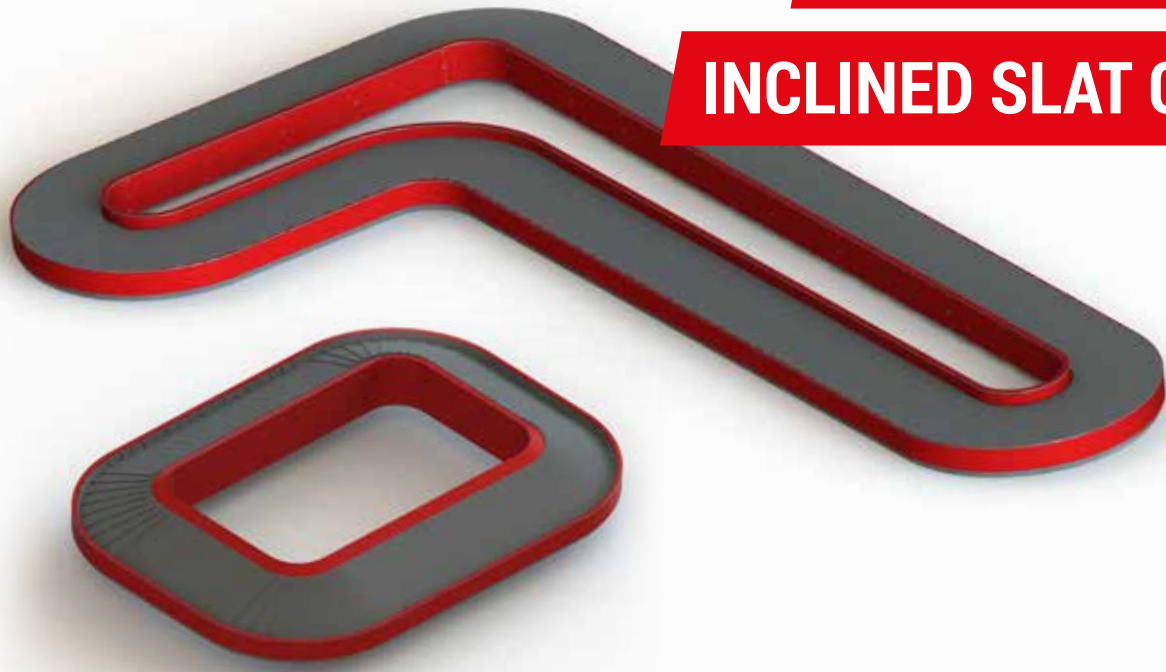
TECHNICAL DATA

Speed	up to 2.5 m/s
Acceleration	up to 4.5 m/s²
Width of conveyor element	up to 1,400 mm
Length of conveyor element	up to 3,000 mm
Lifting height	up to 10,000 mm

FLAT SLAT CONVEYOR

INCLINED SLAT CONVEYOR

FSC / ISC



The m06 Carousels Flat Slat Conveyor (FSC) and Inclined Slat Conveyor (ISC) were developed specifically for use in airports requiring high performance and reliability. With the principal focus on achieving a modular design during the development phase, the convex and concave curves easily adapt to the available space. The m06 Carousel is one of the quietest of its class, with noise levels of approx. 60 dBA.

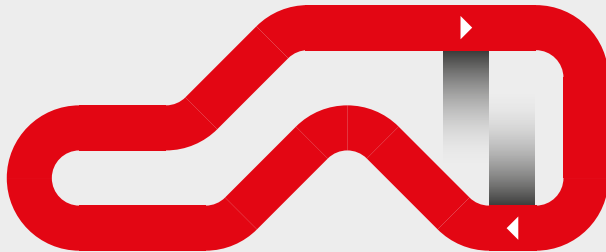
PRODUCT FEATURES

- Simple design for ease of installation
- Horizontal or sloping design
- Hard-wearing, fire-retardant slats
- Steel-coated or stainless steel casing
- Low-maintenance friction drive
- Energy-efficient and economic design



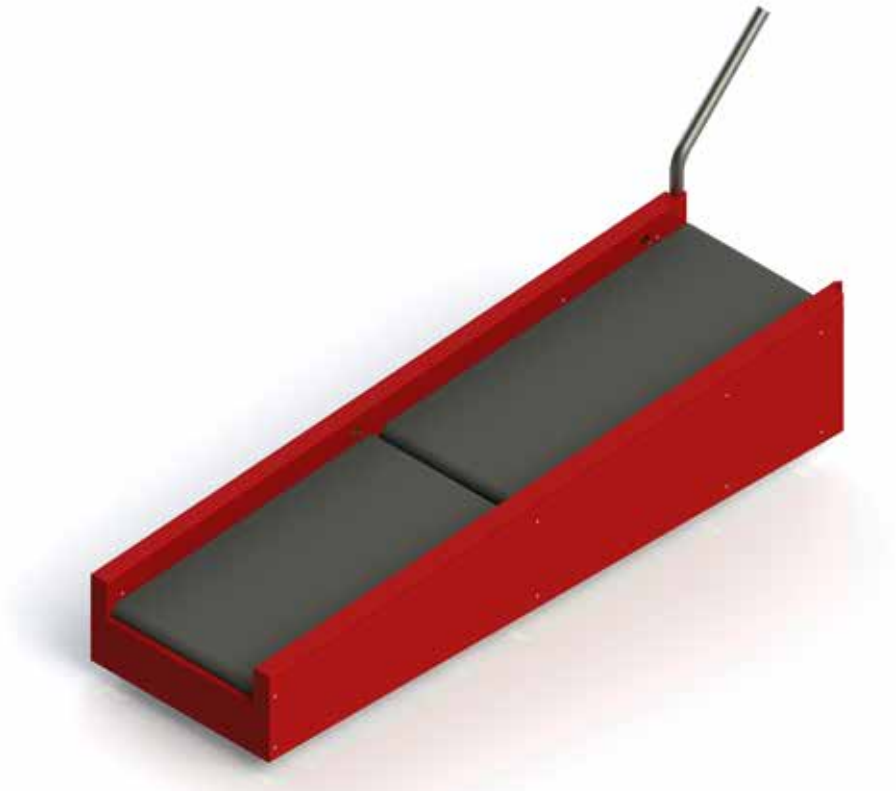
TECHNICAL DATA

Conveyor speed	up to 0.5 m/s
Conveyor length FSC	up to 60 m per drive
Conveyor length ISC	up to 30 m per drive
Loading height	400 mm
Operating width	1,000 mm
Baggage weight	up to 50 kg



CHECK-IN EASY

CIE



The Check-In Easy (CIE) is available in a fix-mounted or extendible version. The high functionality, reliability and ease of use offered to operators has no comparison. Passenger accessibility was a key consideration in its design, along with simple and fast accessibility for maintenance work. Depending on the required feed rate, multiple belt systems can be selected.

PRODUCT FEATURES

- Ergonomic baggage loading height
- Integrated load cell array
- Visible parts in the passenger area fabricated in stainless steel
- Ease of access for repairs and maintenance
- Automatic belt tracking
- Energy-efficient and economic design

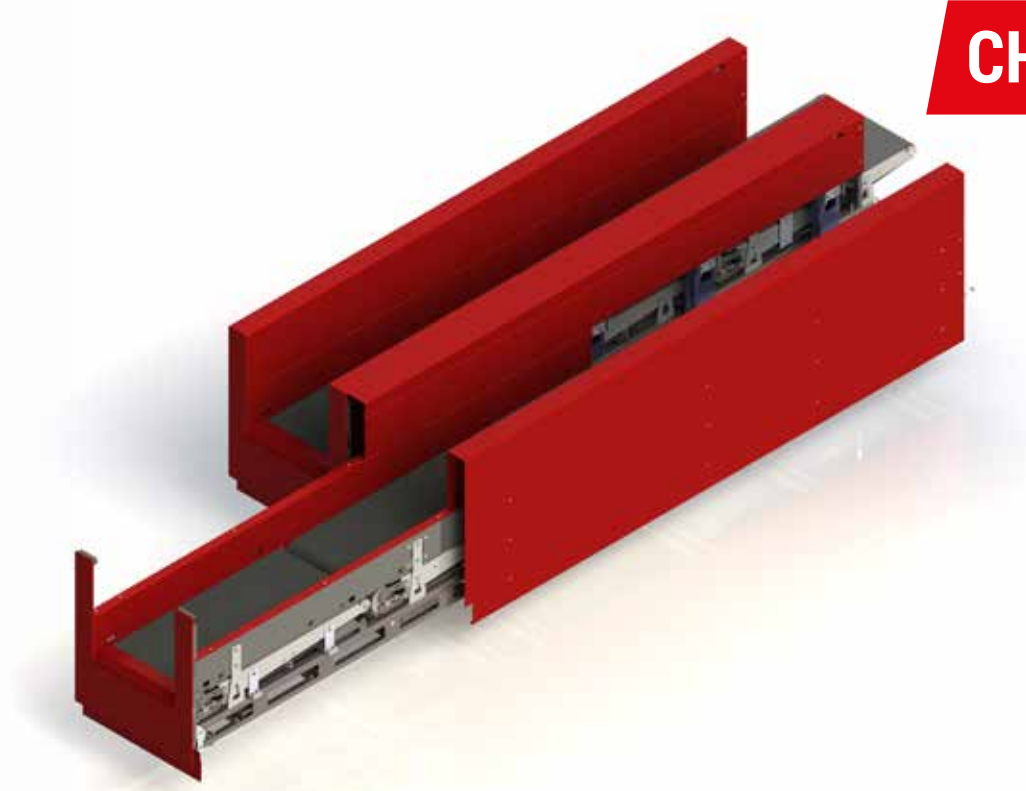


TECHNICAL DATA

	One-, two- and three-belt system design	One-belt system design
Conveyor speed	up to 0.6 m/s	up to 0.5 m/s
Total length	up to 4,000 mm	up to 4,000 mm
Inside width between the side rails	up to 700 mm	up to 1,200 mm
Baggage weight	up to 50 kg	up to 75 kg

CHECK-IN PREMIUM

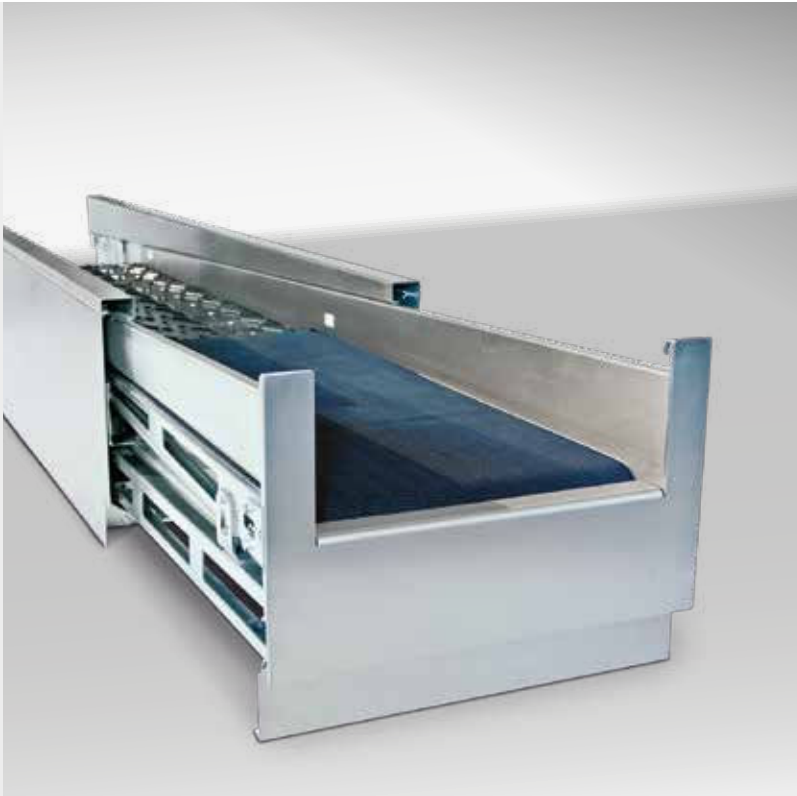
CIP



The Check-In Premium (CIP) combines the advantages of the extendible CIE with exquisite design. With unlimited design possibilities and the familiar ease of use of the motion06 Check-In, the customer has the final say in its aesthetics.

PRODUCT FEATURES

- Ergonomic baggage loading height
- Integrated load cell array
- Visible parts in the passenger area fabricated in stainless steel
- Quick and easy access for repairs and maintenance
- Visually appealing, customised design
- Automatic belt tracking
- Energy-efficient and economic design



TECHNICAL DATA

	One-, two- and three-belt system design	One-belt system design
Conveyor speed	up to 0.6 m/s	up to 0.5 m/s
Total length	up to 4,000 mm	up to 4,000 mm
Inside width between the side rails	up to 700 mm	up to 1,200 mm
Baggage weight	up to 50 kg	up to 75 kg

SPECIALISED SOLUTIONS

At motion06, we go beyond our standard product range to support our customers with tailor-made solutions to help them navigate through tricky areas with ease. Speak to us for more information regarding our continuously expanding product range and service solutions.

SPECIAL APPLICATIONS

- HORIZONTAL SORTING UNIT (HSU) 1
- INCLINED CONVEYOR 2
- INDUSTRIAL APPLICATIONS 3
- HAND BAG CONTROL STATION 4
- INTRALOGISTIC SOLUTIONS 5
- CENTRING DEVICE
- BULKY LUGGAGE SORTING
- ROLLER CONVEYOR
- TAILOR-MADE SOLUTIONS



OUR GUIDING PRINCIPLE

Our principles are integral to our company's drive to become the benchmark in the industry and this underpins our company's mission, vision and values.

OUR MISSION

To support our customers by providing superior quality products and exceptional service to help them gain a competitive advantage in their market.

OUR VISION

To become the global provider and preferred partner of our customers in the material-handling industry by supporting all their product and service needs.

OUR VALUES

CUSTOMER FOCUS To continuously exceed our customers' expectations.

EXCELLENCE We are satisfied with nothing less than the very best in everything we do.

INTEGRITY We act with honesty and integrity. We do what we say.

TEAMWORK We are one company, one team.

INNOVATION To pursue new creative ideas for our products.



HEALTH AND SAFETY

We make sure our employees are safe. Our aim is to ensure all work undertaken adheres to the latest in best practice relating to health and safety. We ensure all employees are aware health and safety implications both in and out of the work environment. We are committed to providing our employees a work environment that supports their wellbeing.

PRODUCT SAFETY AND QUALITY

Integral to providing our customers with products they will love is our commitment to ensuring that those products are both safe for their intended use and high in quality. This commitment requires dedication to quality and safety at every stage of the product cycle, including research, design, specification development, manufacturing and shipping. We firmly believe that product quality is the key to earning the trust of customers.

ETHICAL SOURCING

motion06 is committed to the ethical sourcing of all our materials. We hold our suppliers accountable in a range of areas including but not limited to legal compliance, human rights, anti-bribery, environmental impact, and restricted and banned substances. Our resolution in this regard is comprehensively covered in our Code of Conduct.

OUR PEOPLE

We are committed to respecting the individuality of all our staff and offering a rewarding working environment that invigorates employees. We promote growth and innovation by cultivating a culture that respects diversity and allows the contribution of each and every employee. We know that different perspectives ultimately result in greater innovation and better decisions – underpinning our values.

ENVIRONMENTAL SUSTAINABILITY

With the desire to help people live in harmony with the earth, we are committed to continuing our efforts to be environmentally sound in every aspect of our businesses activities. motion06 proactively manages the risks associated with climate change by monitoring and managing our carbon footprint and reducing it where possible. We also work towards understanding the specific risks created by climate change for our businesses and addressing those risks.