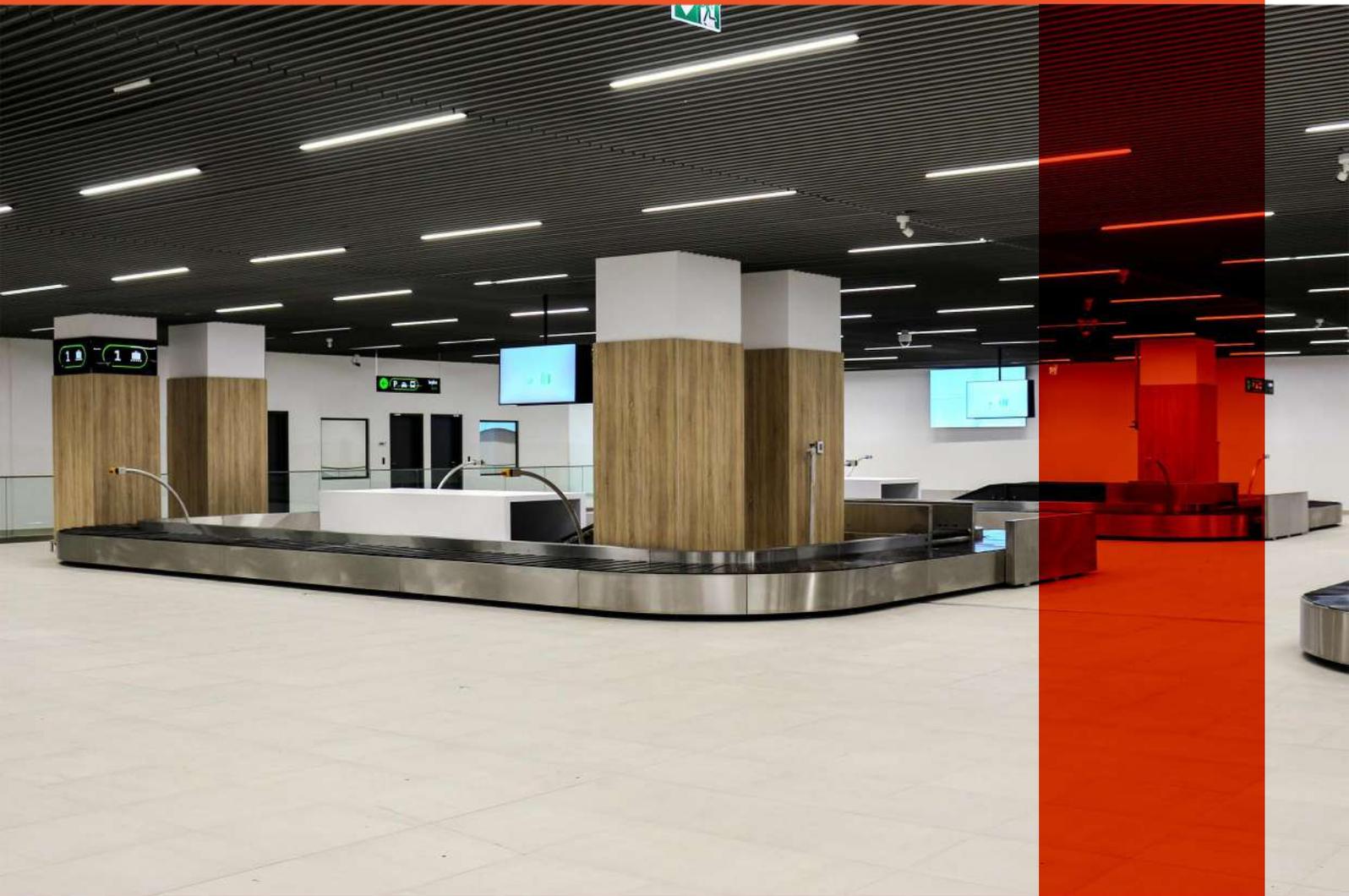




**CITCONveyors**  
Automated Conveyor Systems

## COMPLETE SOLUTIONS FOR AIRPORTS



**Decades of expertise  
in airport conveyor technology**

**1999**

Year  
Established

**10.000+**

Delivered  
Conveyors

**100+**

Kilometers of  
Total length

**2000+**

Clients

[www.airportconveyors.eu](http://www.airportconveyors.eu)

## OUR PROJECTS IN THE AIRPORT INDUSTRY

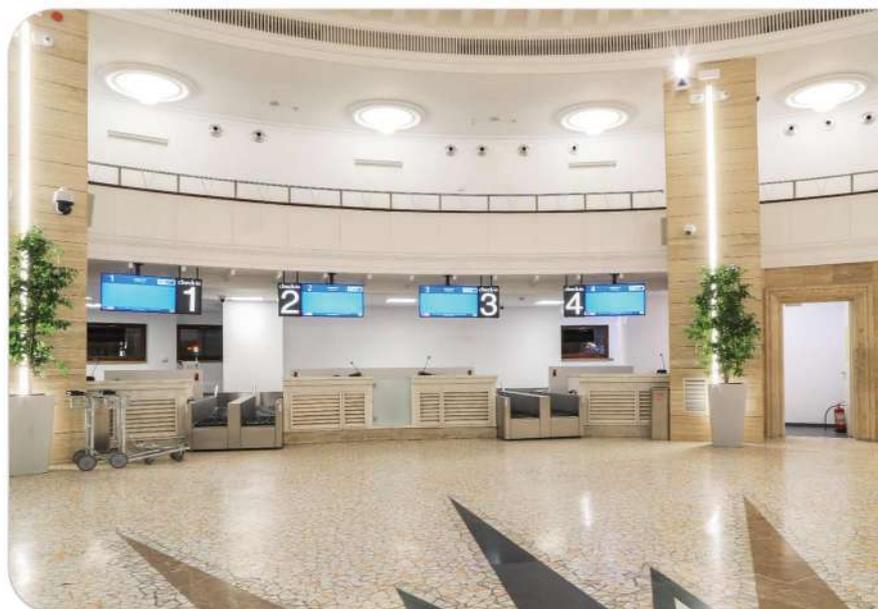


39 SUCCESSFUL CONTRACTS  
implemented in 16 out of 17 airports in Romania

Over 100 projects implemented in airports

As an established **Airport Conveyor Manufacturer**, we have successfully implemented projects across **Europe, Africa, America, the Middle East, and Asia**. Our extensive experience also includes serving as a supplier for projects in various other regions worldwide.

Starting from the design up to the actual implementation of the project, service and post-service phase we guarantee our clients a high level of transparency. We believe that this is the key to having successful projects and satisfied partners and, furthermore, we believe in the H2H approach of the sale, where the attention to the people involved is as important as the project itself.



## ABOUT US



As an airport conveyor manufacturer with 25 years of experience, **CITConveyors** is known for implementing multiple projects around the world. Quality and promptness are the defining goals of this company which are reflected in its customers' successes.

**CITConveyors**, division of **SELF TRUST Romania**, The Romanian Conveyor Factory, addresses the International market.

Among the company values are competitiveness, flexibility, reliability and client-orientation because every effort is made to provide the best solution that fits the client.



## OUR PRODUCTS

Our range of products ensures that no matter the type of project, **CITConveyors** as an Airport Conveyor Manufacturer can deliver the full package:

- **Check-in Desks;**
- **Check-in Conveyors:** with certified loading cells and displays (CE, OIML, EAC);
- **Collecting and metering Conveyors;**
- **Baggage Carousels** (Horizontal, Inclined, Make-up);
- **Baggage Handling Systems;**
- **Baggage Diverters** (Horizontal and Vertical);
- **Return Tray System** (Automatic, Manual);
- **Baggage Runway Conveyors;**
- **Roller Conveyors;**
- **Merge Units;**
- **Curved Belt Conveyors;**
- **Spiral Chutes;**
- **Self Check-in Kiosks;**
- **Baggage Drop Systems** (SBD);
- **Passport Control Booths.**

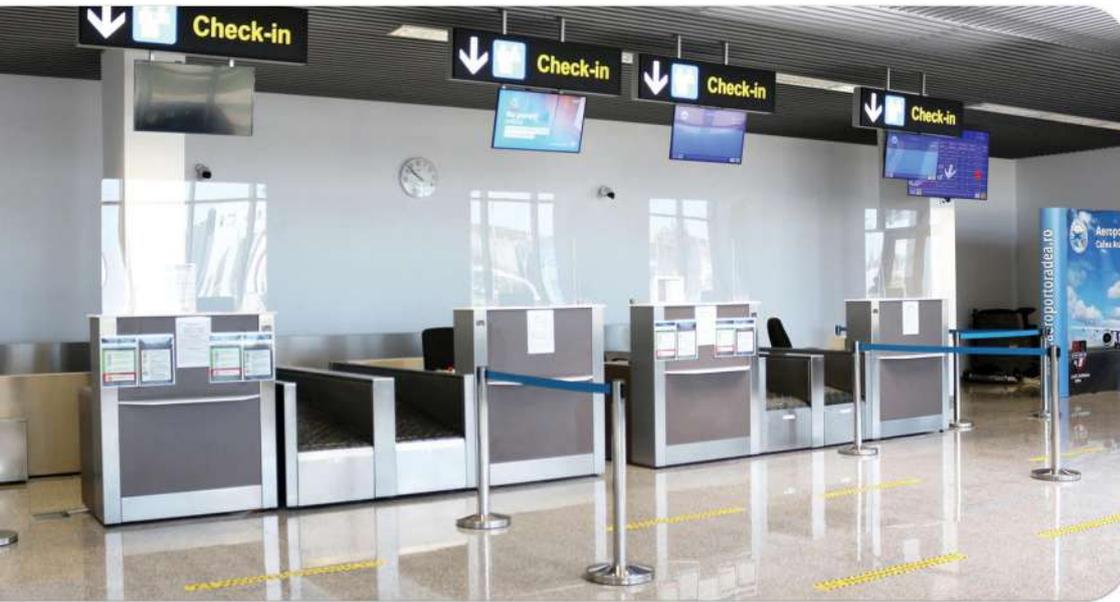
READY FOR CHALLENGES



# CHECK-IN DESKS



# CHECK-IN DESKS



- Single units;
- Double units;
- Integrated Weigh-in Conveyor Control console (with Buttons: start, stop, forward, Emergency Stop);
- Integrated Passenger Display;
- Integrated Operator Display;
- Ergonomic layout for Passenger and Operator;
- Passenger-side small Shelf (for small bags, documents, etc.);
- Independent small cabinet for computer and/or other auxiliary equipments;
- Lockable cabinet for sensitive equipment or documents.

**Materials:** Wood, Compact laminated panels, Composite materials (Eq Corian: solid surface material composed of acrylic polymers and fragmented natural stone), Stainless steel, Secure Glass, Plastic, Natural stone (marble, granite, travertine).



Wide variety of design available

Dedicated areas for equipment (label printers, monitors, computers, documents)

Ergonomic design for Passengers and Operators



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Airport industry

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## CHECK-IN CONVEYORS



# CHECK-IN CONVEYORS



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- Single units;
- Double units (side by side);
- Adjustable configuration: Weigh-in + (tag) + induction system;
- Modular construction;
- Single-stage, double stage, triple stage available in both single or double units (side by side);
- The control console can be integrated in the side of the conveyor or the Check-In Desk (Counter);
- Low input height (310 mm);
- Width from 500 mm up to 1.000 mm;
- Fitted with sensors to control the positioning of the baggage on each conveyor;
- Easy maintenance.

Airport industry



Quality components

Low gap between  
conveyors  
eliminating the risk for the  
baggage to get stuck in transition

Easy access for  
maintenance  
procedures

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## COLLECTING CONVEYORS



# COLLECTING CONVEYORS



- The links between the Check-in conveyors and the Baggage Handling System (BHS) are the Collecting Conveyors.
- In certain layout configurations these conveyors are in plain site and it requires to be integrated in the terminal design and to have a less industrial design.
- Ergonomic with a low profile design, simple and robust;
- Fitted with low noise belt, antistatic and fire retardant;
- Stainless steel finish;
- Reliability and ease of maintenance.
- All the Conveyors can be customised in terms of design, dimensions and components thus having a Complete Custom Solution.



Quality components

Low gap between conveyors  
eliminating the risk for the  
baggage to get stuck in transition

Easy access for  
maintenance  
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# BAGGAGE RECLAIM CAROUSELS HORIZONTAL



Friction  
Drive

Caterpillar  
Drive

# BAGGAGE RECLAIM CAROUSELS



- Low noise;
- **Adjustable speed;**
- High capacity transport;
- **Available in different configurations: O, U, P, T shapes;**
- Strong structures;
- **Almost zero maintenance;**
- **Stainless steel finish;**
- **Fire retardant and friction-resistant slats;**
- Horizontal;
- **Length up to 100 linear meters;**
- Load up to 100 kilo per linear meter;
- **Active width 940 mm;**
- Height at slate level 400 mm.



Low noise



Low maintenance  
required



High capacity  
transport



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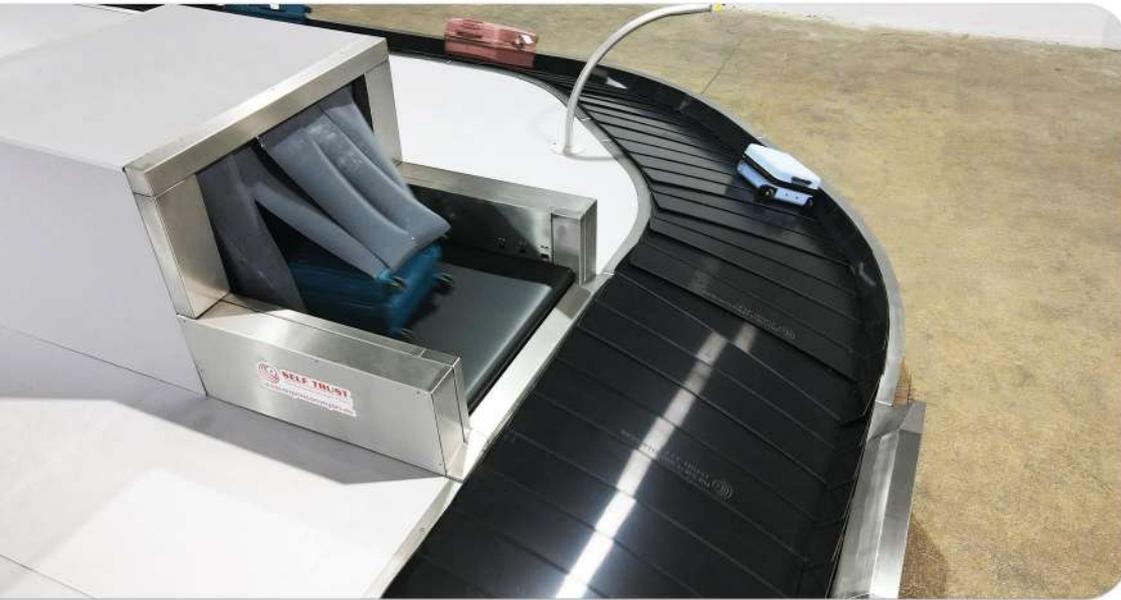
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# BAGGAGE RECLAIM CAROUSELS INCLINED



# BAGGAGE RECLAIM CAROUSELS



Our **Inclined Baggage Reclaim Carousel** integrates cutting-edge technology to optimize baggage handling efficiency in airports with space constraints or elevation changes. Designed for durability and seamless operation, this model offers:

- Robust structure for high-performance reliability;
- Minimal maintenance requirements;  
Premium stainless steel finish;
- Caterpillar or Friction Drive system;
- Optimized incline for smooth baggage flow;
- Fire-retardant and friction-resistant slats.

With a simple design and quality materials, the Baggage Reclaim Carousels produced by the **CITConveyors** factory are reliable, highly configurable, require virtually zero maintenance, and can be fitted to any airport project.



Designed for easy use

Stand-Alone or Integrated Control Panel

Designed for easy maintenance



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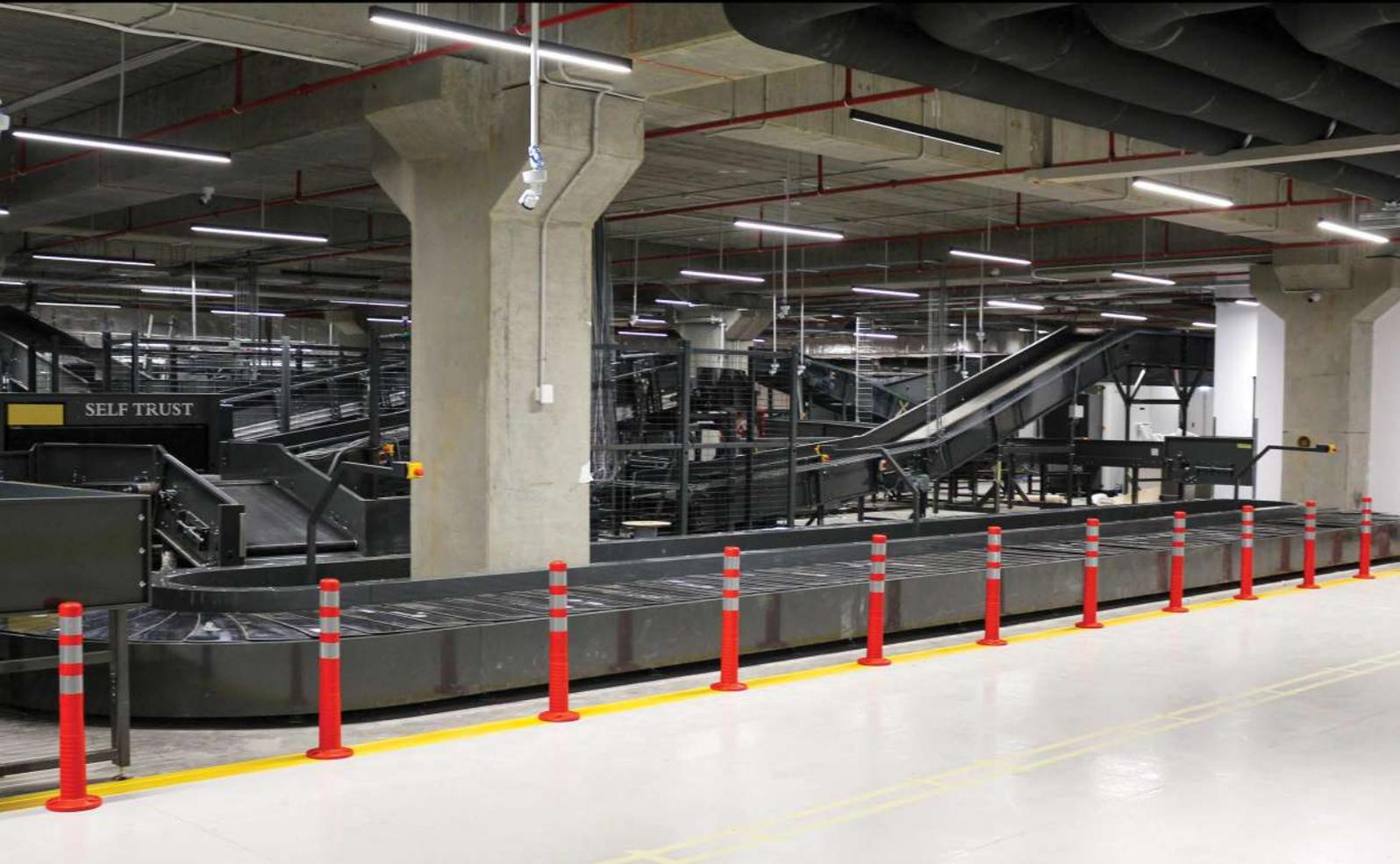
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# BAGGAGE MAKE-UP CAROUSELS



# BAGGAGE MAKE-UP CAROUSELS



- Low noise;
- Adjustable speed;
- High capacity transport;
- Available in different configurations;
- Strong structures;
- Almost zero maintenance;
- Stainless steel finish;
- Fire retardant and friction-resistant slats;
- Horizontal;
- Length up to 100 linear meters;
- Load up to 100 kilo per linear meter;
- Active width 940 mm;
- Height at slate level 400 mm.



Low noise



Low maintenance required



High capacity transport



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# BAGGAGE HANDLING SYSTEMS



# BAGGAGE HANDLING SYSTEMS



- Integrated control and automation;
- BHS designed taking into consideration redundancy and fail-safe options;
- Integration with a wide variety of scanning devices.
- Straight horizontal;
- Straight inclined;
- Powered curved (bend) at 30, 45 or 90 degrees;
- Horizontal and vertical diverters;
- Vertical Baggage Conveyors and Lifts;
- 30, 45 degrees angle injectors;
- Carousels;
- Gravity or powered roller conveyors.

For each BHS a dynamic simulation is made, from the design phase, to simulate capacity, critical points, optimal design solution and more.



Low noise



Available in a wide variety of layouts



High capacity transport



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## HORIZONTAL DIVERTERS

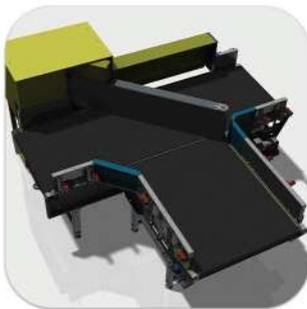


# HORIZONTAL DIVERTERS



- Designed for 0% blockages
- Completely automated;
- Zero gap transfer;
- Available with 30°, 60° or 90° exit.
- High Troughoutput;
- Robust structure;
- Integration with a wide variety of scanning devices.

Baggage handling is a critical aspect of airport operations, and the efficient flow of luggage is essential for passenger satisfaction. A baggage diverter is a device used to separate baggage into different routes or destinations. There are two main types of baggage diverters - vertical and horizontal.



Available with  
30°, 60° or 90° exit

Ajustable configuration  
according to existing layout

High capacity  
transport



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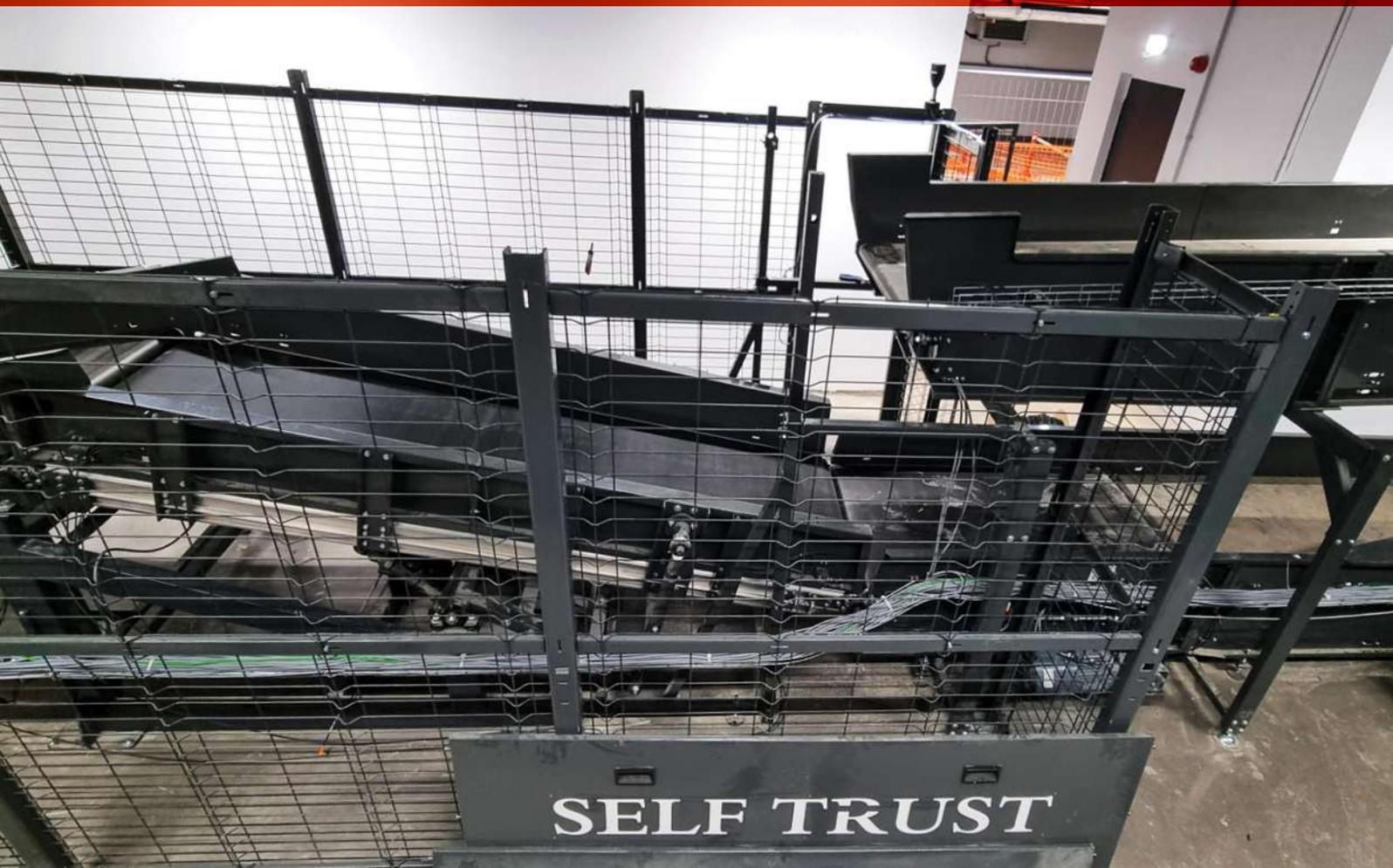
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# VERTISWITCH VERTICAL BAGGAGE DIVERTERS



# VERTICAL DIVERTERS



- Designed for 0% blockages
- Completely automated;
- Zero gap transfer;
- Available with 30°, 60° or 90° exit.
- High Troughoutput;
- Robust structure;
- Integration with a wide variety of scanning devices.

## Key advantages of our Vertical Baggage Diverters:

- Optimized space utilization, ideal for airports with multi-level or compact conveyor layouts.
  - Fast and accurate luggage routing, ensuring minimal system downtime.
  - Durable and low-maintenance design, built for 24/7 airport operations.
  - Seamless integration with existing baggage handling and control systems.
- Custom configurations available to meet specific airport requirements.



Low noise



Ajustable configuration according to existing layout



High capacity transport



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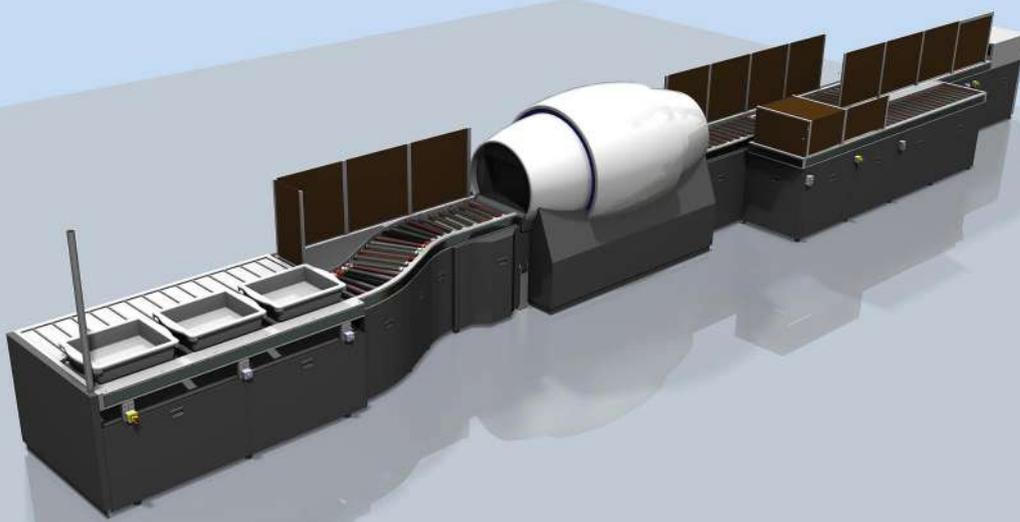


**ATRS**

**AUTOMATIC TRAY RETURN SYSTEMS**



# RETURN TRAY SYSTEMS



**Innovative ATRS (Automatic Return Tray System) with high throughput and modular design:**

- Suitable for airports with high passenger flow;
- **Efficient and reliable management of carry-on luggage;**
- Automatic tray return to the divest position;
- **Modular and configurable design, adaptable to any checkpoint size;**
- Optimization of throughput and operational efficiency.

The main benefits of the **Automatic Tray Return Systems (ARTS)** include the elimination of tote piles in the security screening area, enhancing efficiency and streamlining the entire process. This ensures a seamless and faster experience for passengers.

The ARTS occupies minimal space, just slightly more than the thickness of the totes, making it a highly efficient and space-saving option.



User-friendly ergonomic interface

Advanced scanning & sensor technology

Optimised tray handling workflow



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# RETURN TRAY SYSTEMS AUTOMATIC & MANUAL



# RETURN TRAY SYSTEMS

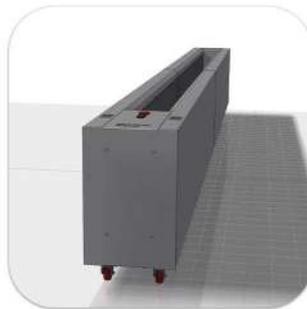
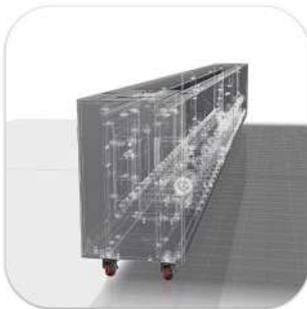


Our Return Tray Systems have the following characteristics:

- Very easy usage for the passenger, no training required;
- Available in different length ;
- Allows accumulation;
- Step by step functioning (when a tote is picked up from the end of the RTS the other in the back are advancing until the end of the system).

The **Return Tray System (RTS)** offers a simple and efficient way to manage trays at airport security checkpoints. Its main advantage lies in eliminating large piles of totes in the inspection area, ensuring a clean, organized, and continuous passenger screening process.

This stand-alone solution is ideal for both new and existing terminals. It can be easily **retrofitted into checkpoints** where space limitations prevent the installation of a fully integrated or automated tray return system.



**Durable construction**



**Flexible configuration**



**Low-maintenance solution**



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**BELT CONVEYORS**  
**BAGGAGE RUNWAY CONVEYORS**



# BELT CONVEYORS



Our **Runway Conveyor Belts** are designed to ensure the **fast and reliable transfer of baggage** from the aircraft unloading area to the airport's baggage reclaim system. This essential link between airside operations and the terminal's baggage handling system significantly reduces transfer time, improves workflow efficiency, and enhances the overall passenger experience.

Our **Runway Conveyors** have the following characteristics:

- Solid construction – built to handle heavy loads and continuous operation in demanding airport environments.
- **Optional special-purpose belts – suitable for low and high temperature conditions, ensuring year-round reliability.**
- Available in powder-coated or galvanized finish – to meet specific environmental or operational requirements.



Limited maintenance required



Available in wide variety lengths and widths



Low noise



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# ROLLER CONVEYORS



# ROLLER CONVEYORS



Our **Roller Conveyors**, available in both **Gravity** and **Powered** versions, are designed for efficient and reliable **baggage transfer** across various airport applications. They are essential in areas where **manual baggage handling**, **accumulation** or **short-distance transfers** are required – such as **passenger security screening zones** or integrated **Baggage Handling Systems (BHS)**.

Our Roller Conveyors have the following characteristics:

- Solid and durable construction – built for continuous operation in demanding airport environments.
- Available with **PVC** or **Bright Zinc** rollers – ensuring smooth and consistent **luggage movement**.
- Easy-running rollers – designed for reduced friction and effortless baggage flow.
- **Optional rubber sleeve coating** – minimizes noise caused by baggage impact and enhances passenger comfort in security areas.



Low noise



Ajustable configuration according to existing layout



High capacity transport



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**MERGE UNITS – CONNECTION**  
**MDB – STRIP / CURVED – 30°, 45°, 60°**



## MBD – 30°, 45°, 60°



- Standard merge angles: 30°, 45°, or 60° (custom configurations available);
- Straight connection option: MDB–Straight available at 30°, 45°, or 60°;
- Nominal working speed 10m/min (other speeds available);
- Robust construction: powder-coated mild steel frame for long-term durability;
- Low-noise, antistatic, fire-retardant belt: ensures safe and comfortable operation;
- Accessory compatibility: supports sidewalls, sensors, emergency stop buttons, and more;
- Proven reliability: minimal maintenance requirements and tested long-term performance;



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## **CURVED BELT CONVEYORS**



# CURVED BELT CONVEYORS



- Useful Width 1000 mm;
- 180 degrees;
- Inner radius 850 mm (other spokes available on request);
- Nominal working speed 10m/min (other speeds available);
- Electrostatically painted structure;
- Solid construction;
- Fitted with low noise belt, antistatic and fire retardant;
- Can be configured with CW or CWW operation;
- Available with multiple types of accessories: sidewalls, sensors, emergency buttons;
- Reliability and ease of maintenance.



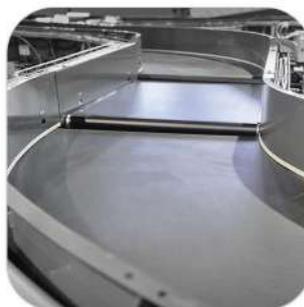
Solid construction



CW or CWW operation



Easy to maintenance



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## SPIRAL CHUTES



## SPIRAL CHUTES



- Safe and fast downward movement for baggage and parcels;
- Low procurement and operating costs;
- Quick and simple installation process;
- Custom infeed and exit chutes for perfect system integration;
- No moving, spare, or wear parts – fully maintenance-free design;
- Durable, bolt-together construction for easy assembly and long life;
- Handles multiple product types simultaneously;
- Smooth, even flow design that prevents product accumulation or jams;
- Fully customizable dimensions to suit each airport layout;

The **Spiral Chute** is a reliable and cost-effective solution for the **controlled downward movement** of baggage or goods within airport conveyor systems. Designed to ensure a smooth, safe and continuous flow, it is perfectly suited for airport **baggage handling systems**, **logistics** centers and **parcel distribution facilities** where space and efficiency are critical.



Low noise

Ajustable configuration  
according to existing layout

High capacity  
transport



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Starting from  
**4.500 Euro**  
Per unit  
Counter + Weigh-In  
Platform

## STAND ALONE CHECK-IN DESK WITH WEIGH-IN PLATFORM



# CHECK-IN DESKS & WEIGH-IN PLATFORM



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## General Specifications:

- Construction materials: Wood, stainless steel, and special composite material – CORIAN (color to be specified by the client)
- Worktop, front shelf, and top front panel made entirely of CORIAN
- Stainless steel kickplate for durability and protection
- Dimensions: Standard 1,000 x 900 mm (or as specified by the client)  
Color scheme: To be defined by the client
- Custom branding: Unit will be personalized with the client-supplied logo

**Weigh-In Platform:** Integrated platform measures 600 × 600 mm, supports up to 150 kg with an accuracy of ± 50 g, and features a certified high-contrast dual LCD display with 6 digits and 20 mm digit height.

**CE Certified** Weigh-In Platform with Methrology Certificate.



Weigh-In Platform

Equipment integration

LCD display with 6 digits

Airport industry

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# ADVANCED SELF-SERVICE BAG DROP



Design and production  
of automated  
conveyor systems for:

- Check-in Area
- Arrival Area
- BHS Area
- RTS and ATRS



# ADVANCED SELF-SERVICE BAG DROP



**ABD+** is an Advanced Self-Service Bag Drop system, developed in partnership between **SELF TRUST** and **Objective Solutions**, designed to optimize passenger flow and airport operations. The equipment combines a compact industrial design with smart technologies, offering passengers a fast, secure, and stress-free baggage drop-off experience.

## Key Features:

**Compact Design** – CK (Compact Kiosk) Version:  
Ideal for one-step or two-step flows, with or without integrated baggage tag printing. An efficient and cost-effective option for modern terminals with limited space.

### • Intuitive Interface:

Guides passengers step by step, reducing the need for staff intervention.

### • Smart Technologies:

- 3D camera for automatic dimension measurement (L × W × H)
- Integrated scale for real-time weight detection
- Optical sensors for positioning and stability
- Image capture of baggage for traceability
- Intelligent tag recognition (detects multiple or expired tags)
- Real-time alerts for proper baggage validation



**SELF TRUST**  
The Romanian Conveyor Factory

x

**objective**



Intuitive User Interface Display



Integrated Weight Measurement Scale



Automated Bag Scanning



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# PASSPORT CONTROL BOOTHS



# PASSPORT CONTROL BOOTHS



- Visible structure made from stainless steel profiles.
- The bottom of the cabin is made from wood material covered with special high traffic plastic material, gray color and it will cover also the electrical wirings
- For access in the cabin, a door is fitted. Made from wood and with duplex secured glass on top, 8 mm thickness.
- The lateral window is made from duplex secured glass, sandblasted with horizontal stripes.
- The front side of the wall is covered with stainless steel, with Corian and composite material.
- The cabin is fitted with a front shelf.
- The inside furniture is made from gray wood and the countertop is fitted with composite material (CORIAN).

Places where counters can be used: **Customs, Gates, Information** and **Immigration**, etc.



Durable construction

Custom manufactured

Made from quality materials



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# IN-HOUSE MANUFACTURING OF CUSTOM SOLUTIONS

At CITConveyors, all systems are developed and built within our own organization, ensuring full control over quality, timelines, and technical standards. Our integrated engineering and production processes allow us to deliver tailored conveyor solutions that match each airport's operational needs, layout constraints, and performance requirements. This in-house approach guarantees consistency, reliability, and the flexibility to adapt every project to specific technical and regulatory demands.

## AIRPORT CONVEYOR SOLUTIONS FOR EVERY CLIENT

CITConveyors – a division of SELF TRUST Romania – delivers custom airport conveyor systems for every type of partner – end clients, integrators, and general contractors.

With over 10,000 conveyors installed worldwide, including Europe, the Middle East, Africa, and Asia, we design, manufacture, and implement reliable baggage handling systems for airports of all sizes.

## OUR CLIENT SEGMENTS

We provide specialized conveyor solutions adapted to the needs of each client type.

### End Clients

Turnkey airport systems – from check-in conveyors to baggage reclaim carousels.

### Integrators

Flexible supply models – from mechanical only conveyors to automation ready modules.

### General Contractors

Full project collaboration with dual testing and procurement support.

## WHY CHOOSE CITCONVEYORS

### Experience & Global Reach

Over 25 years of experience in airport conveyor technology with successful international references.

### Complete Capabilities

From design and manufacturing to installation, commissioning, and service – all managed under one roof.

### Client-Focused Approach

Flexible solutions tailored for airports, integrators, and contractors worldwide.

### Proven Reliability

All systems tested and certified according to ISO/EN international standards.

# FROM FACTORY TO AIRPORT: RELIABLE HANDS-ON DELIVERY

CITConveyors delivers complete baggage handling solutions adapted to the needs of airports, system integrators, and general contractors. Our portfolio covers the full project spectrum, from turnkey airport systems to flexible modular supply and fully tested conveyor installations. Whether the requirement is a complete end-to-end BHS, mechanical-only conveyors, or fully automated systems, we ensure technical compliance, operational efficiency, and reliable delivery aligned with each project's scope and performance standards.



## The People Behind the Systems

Our installation team is composed of skilled technicians, automation engineers, and field specialists. From terminal floors to technical rooms, they ensure every component is assembled, aligned, and operational.

With years of fieldwork across Europe, Africa, and the Middle East, our experts adapt to every local standard while maintaining the high-performance values CITConveyors for.



## Tested. Verified. Delivered.

At CITConveyors, no product leaves the factory untested. Each system is fully assembled in our facility, carefully tested under operational conditions and validated by our automation team before delivery.

Once verified, the system is disassembled into large modular components, optimized for transportation and rapid on-site installation. This approach ensures seamless commissioning and minimum on-site adjustment time.



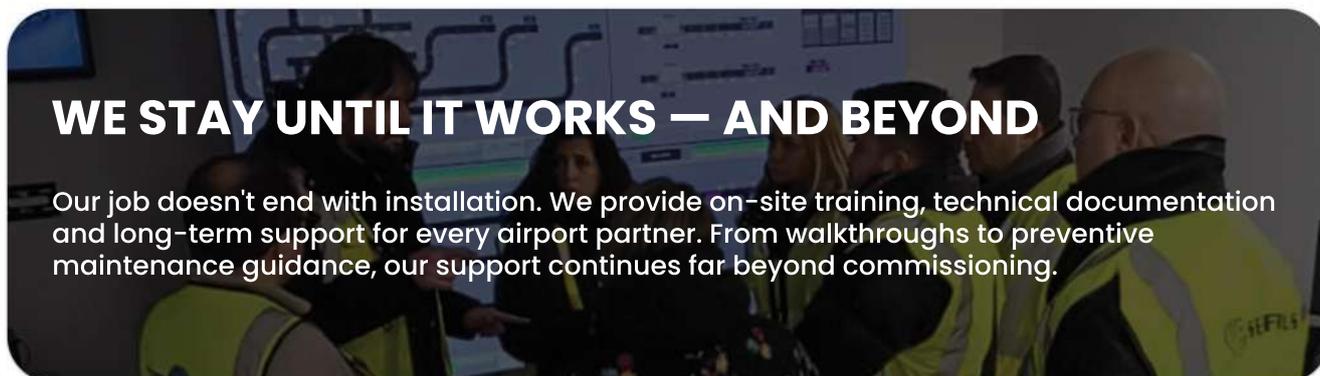
## On-Site Precision. Global Reach.

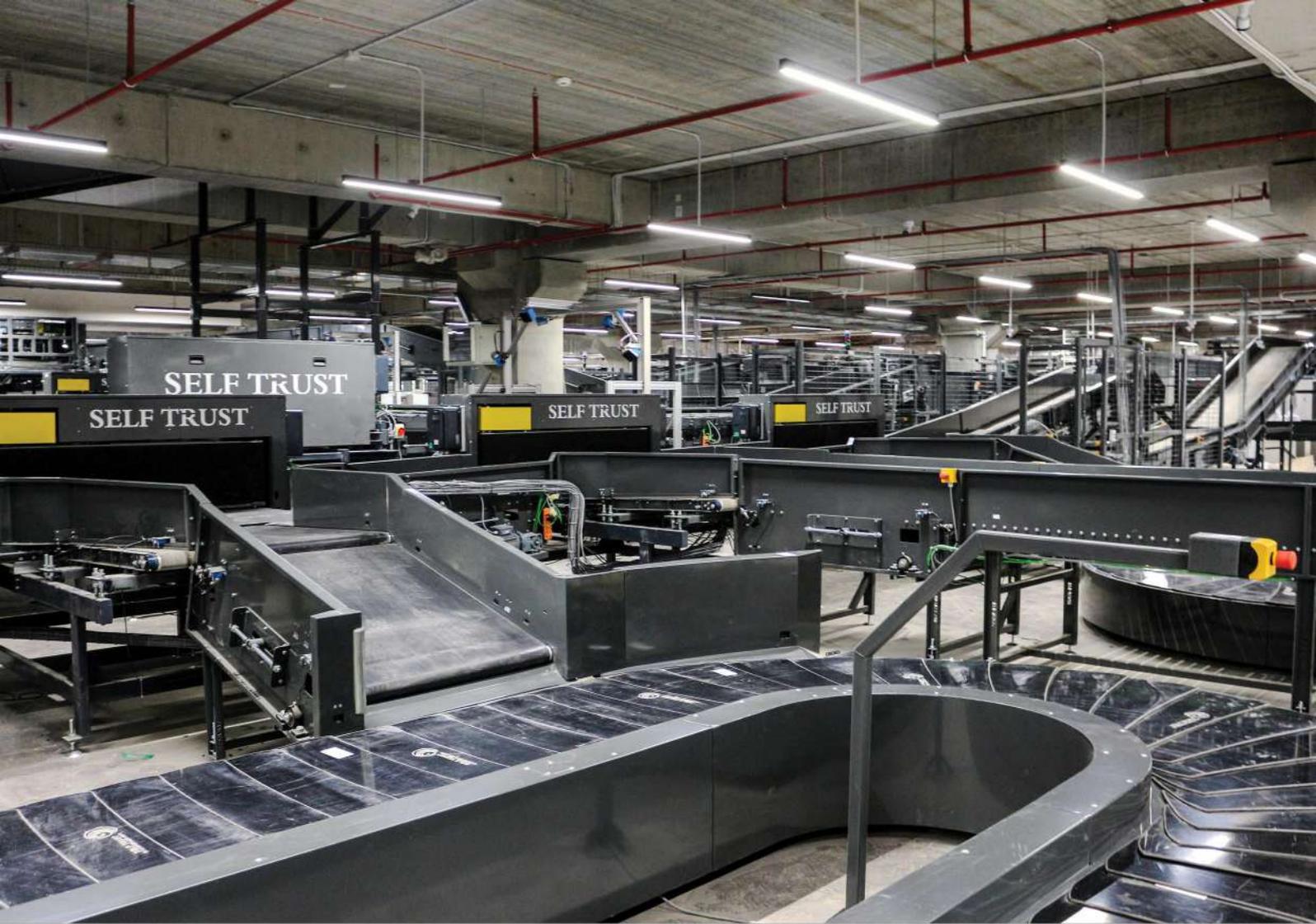
Our field installation team ensures each system is reconstructed exactly as tested — with precision, care, and full alignment to airport infrastructure.

Meanwhile, our automation specialists handle programming, PLC integration, sensor calibration, and system commissioning. Whether on site or remotely, our engineers secure a flawless start-up.

## WE STAY UNTIL IT WORKS — AND BEYOND

Our job doesn't end with installation. We provide on-site training, technical documentation and long-term support for every airport partner. From walkthroughs to preventive maintenance guidance, our support continues far beyond commissioning.





Our mission is to professionally and efficiently meet customer requirements by delivering high-quality, tailored solutions. Each product or system is designed and built inside our company, ensuring full control over quality and innovation.

From the manufacturing of conveyors and specialized equipment to the seamless integration and automation of baggage handling systems, we are your reliable partner in airport and logistics operations. We develop solutions that optimize processes, enhance passenger flow, and meet the demanding requirements of modern airports, focusing on efficiency, reliability, and scalability.



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## Global Expertise in Airport Conveyor Solutions

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