

Baggage Carousel

Airport Industry

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

Characteristics:

- Flexible layout;
- High capacity;
- Low maintenance;
- Low noise;
- Robust structures and high quality stainless steel finish;
- Designed for easy use and efficiency;
- Designed for easy maintenance.



SELF TRUST

România



CITCONveyors



Stainless steel finish



Caterpillar drive



Fire retardant and friction-resistant slats

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For special applications or more types of conveyors please contact us.

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Active width of slate: 1.016 mm

Type of slate: Uraskate low friction material fire retardant 95 +/- 5 Shore A or equivalent

Type: Horizontal for U and Inclined for O Carousels;

Height at slat level 400 mm, with the possibility of adjustment ± 50 mm (Other heights can be produced if indicated);

Finishing: Stainless steel for the public area and powder coated mild steel for the loading area (the colour will be indicated by the client from the RAL Color Chart);

Engine used: SEW or equivalent (the power will be choosed according with the informations regarding the estimated weight per linear meter)

Standard speed: 30 m / min (the final speed will be established according to the clients requirements without any extra cost)



Drive Unit

The strong and reliable SEW drive unit with the new high-efficiency-energy saving drive (class IE2) moves a low belt drive. The transmission belt lies on with entire surface at several transport chain links and takes them up by the resulting friction forces.

The forces, produced by this kind of drive, can move a link turn conveyor with a total length of max. 60 m. Race tracks, which are longer, need a second drive.

All maintenance and adjusting works can be done with standard tools.



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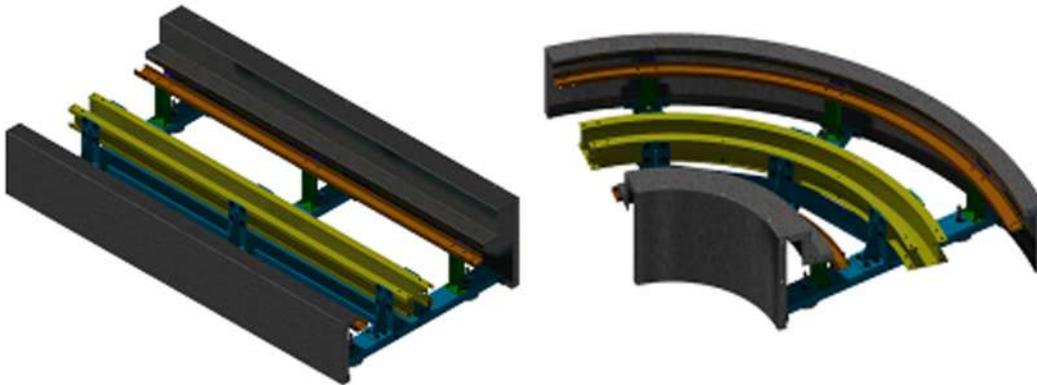
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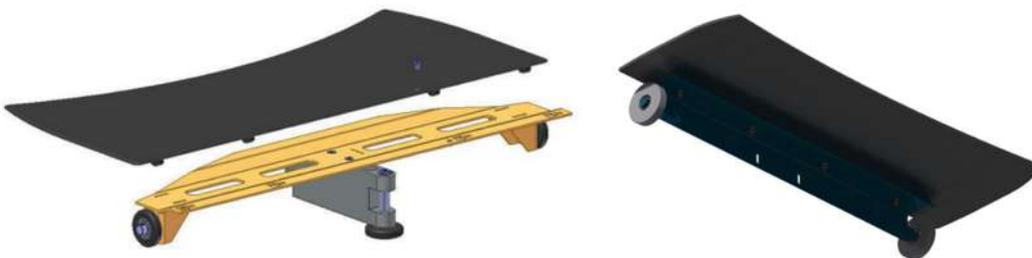
Structure of the carousel: straights and curves



The frames are built from metal profiles, welded and powder painted. The frame is fitted with adjustable metal supports (400 ± 50 mm)



Metal Carriers



The metal carriers are fixed to a chain with rollers (polyurethane with SKF Bearings) in order to have a low noise emission and to ensure a smooth work of the carousel.



Transport elements are made from Uraskate material



Polyurethane roller with SKF Bearing

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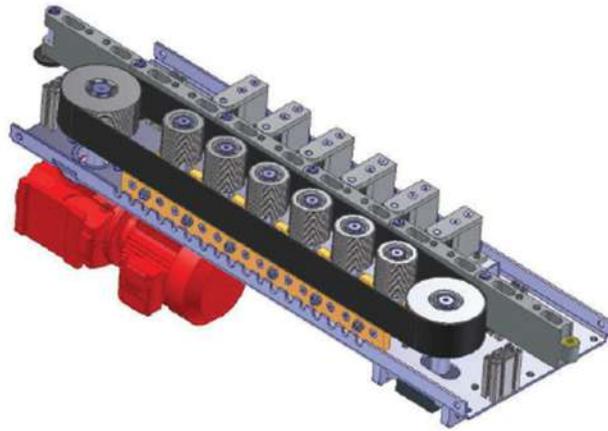
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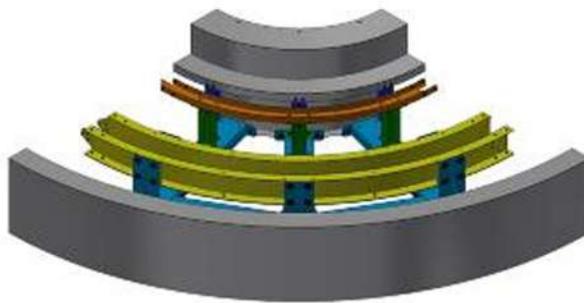
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Adjustment of the drive unit

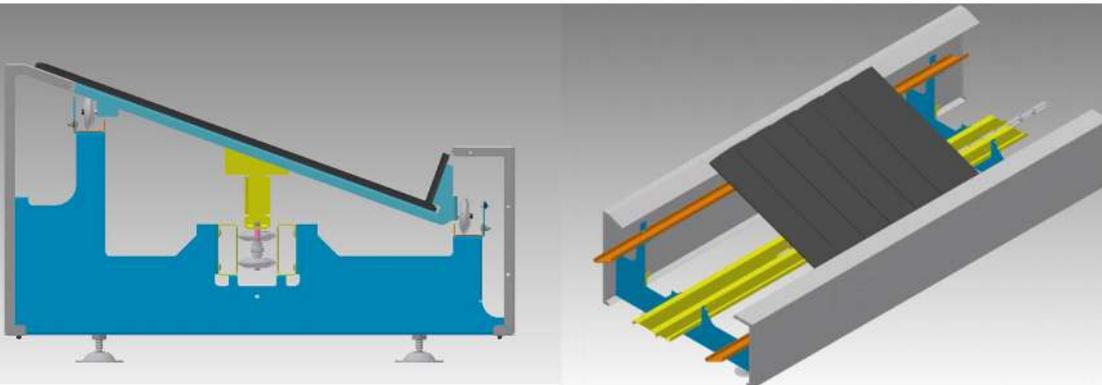


Covering



The carousel is covered in stainless steel metal sheets Aisi 304

Inclined carousel views and details



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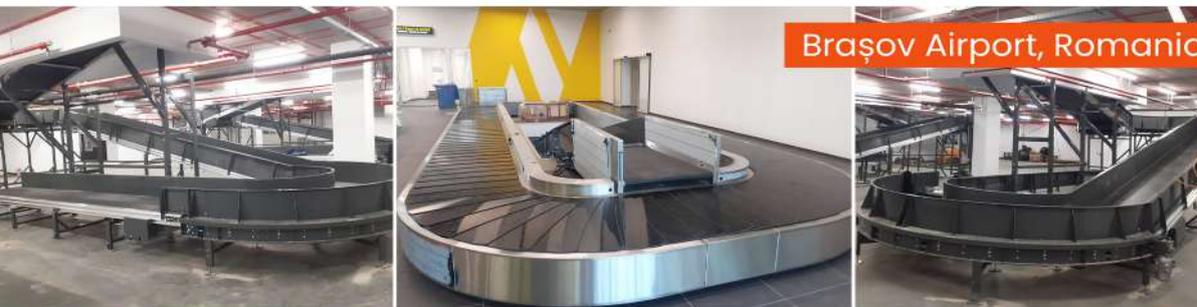
Starting from the design up to the actual implementation of the project, service and post-service phase we guarantee our clients a high level of transparency. We believe that this is the key to having successful projects and satisfied partners and we believe in the H2H approach of the sale, where the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

Due to our strong Design and Research department, all the products above are delivered to the client as a turnkey complete solution.

We believe that our strongest point as an Airport conveyor manufacturer is that everything is designed and built in-house, thus ensuring a complete quality traceability. Furthermore, the equipment and automation are installed by our own specialized teams.

Our range of products:

- Check-in Conveyors: with certified loading cells and displays (CE, OIML, EAC);
- Check-in Desks;
- Complete Baggage Handling Systems;
- Tag and induction Conveyors;
- Collecting and metering Conveyors;
- Curved Conveyors;
- Diverter (horizontal and vertical);
- Make-up Carousels;
- Reclaim Carousels;
- Return Tray Systems;
- Baggage Runway Conveyors;
- Other Conveyors.



Braşov Airport, Romania



Vitoria Airport, Spain

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Bucharest Băneasa, Romania

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