



Industry Fact Sheet
May 2020



About Interroll

The Interroll Group is the leading global provider of material handling solutions. The company was founded in 1959 and has been listed on the SIX Swiss Exchange since 1997.

Interroll provides system integrators and OEMs with a wide range of platform-based products and services in these categories: Rollers (conveyor rollers), Drives (motors and drives for conveyor systems), Conveyors & Sorters as well as Pallet & Carton Flow (flow storage systems).

Interroll solutions are in operation in express and postal services, e-commerce, airports, the food and beverage industry, fashion, automotive sectors, and many other manufacturing industries.

Among the company's end users are leading brands such as Amazon, Bosch, Coca-Cola, DHL, Nestlé, Procter & Gamble, Siemens, Walmart and Zalando.

interroll.com

Interroll reserves the right to modify the technical features of its products at any time. Technical information, volumes, data and features are only rough guidelines.

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The Interroll Belt Curve The Most Reliable Solution for Baggage Handling

The World is Moving

According to the IATA*, passenger numbers reached 4.45 billion in 2019. This is almost a doubling compared to 2003 with 1.89 billion passengers.

Experts were forecasting this number would climb up to over 9 billion by the end of 2021, however, with the COVID-19 crisis this skyrocketing growth came to a grinding halt.

When the situation will normalize, it will be even more important for airports to keep costs under control to remain profitable.

Airports face multiple challenges, especially when it comes to the complex baggage handling flow, all while battling rising costs, increasingly dissatisfied customers and safety rules and regulations.

Most of the busiest airports in the world rely on Interroll's solutions to stay on top of their game.



 If you travel through one of the 10 busiest airports in the world, your luggage and carry-on will come into direct contact with an Interroll solution.

* International Air Transport Association.

What challenges do airport professionals face when it comes to baggage handling?

1 Optimize cost of bags processing and decrease % of delayed or lost bags through an increase in speed and accuracy.

Baggage handling technology has become more and more sophisticated over the last ten years. Short connection times mean that bags must be handled quickly and efficiently.

According to SITA's baggage report, 24.8 million suitcases go missing each year and in 2018 alone, the annual bag mishandling cost was a staggering US\$ 2.4 billion.

Speed and accuracy of your baggage handling system, along with low operational cost, are key factors in determining the overall cost of bags processing.

2 Low maintenance, fast replacement.

Uptime is the key to efficient and productive logistics operations. The world's busiest airports never sleep, they cannot afford to have a baggage handling system that lets them down.

Low operational cost, high reliability, reduced downtime and improved control over maintenance costs, spare parts and system performance: this is essentially what a baggage handling system needs to deliver.

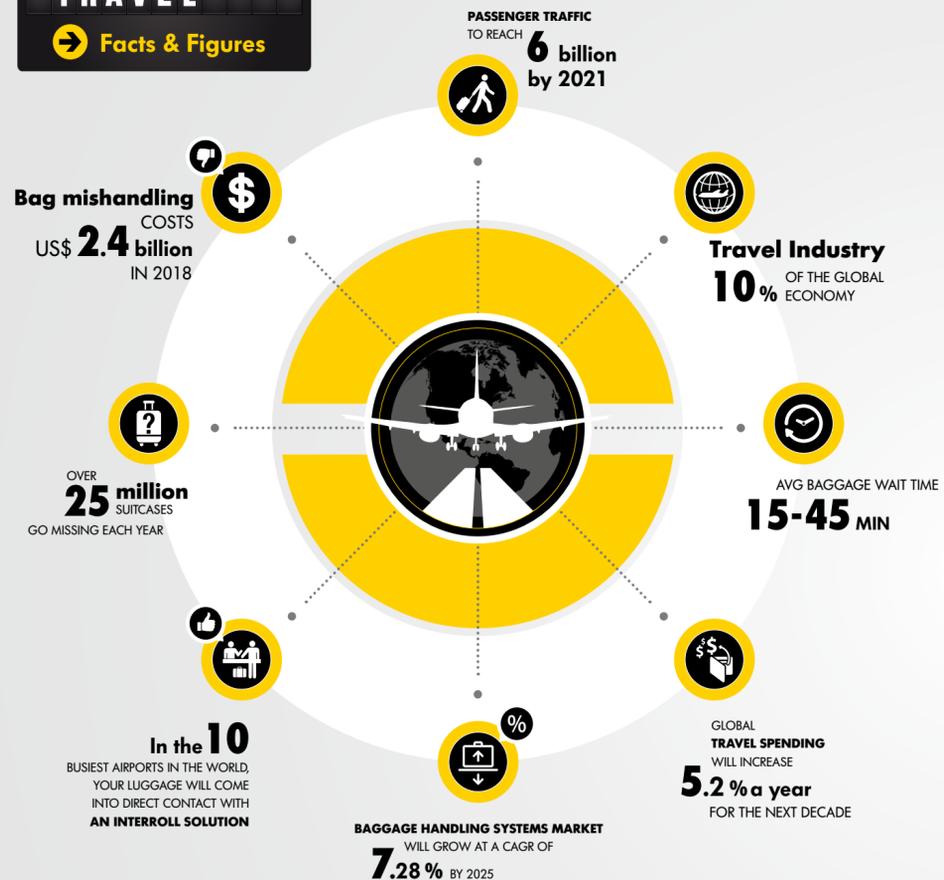
3 Financial stability, global availability, knowledge and support.

Airport professionals need to know they are working with a stable, solid partner they can rely on. Someone that can support projects anywhere in the world and can stand behind their solutions with technical knowledge and engineering expertise.

* Société Internationale de Télécommunications Aéronautiques - an air transport IT and communications specialist.



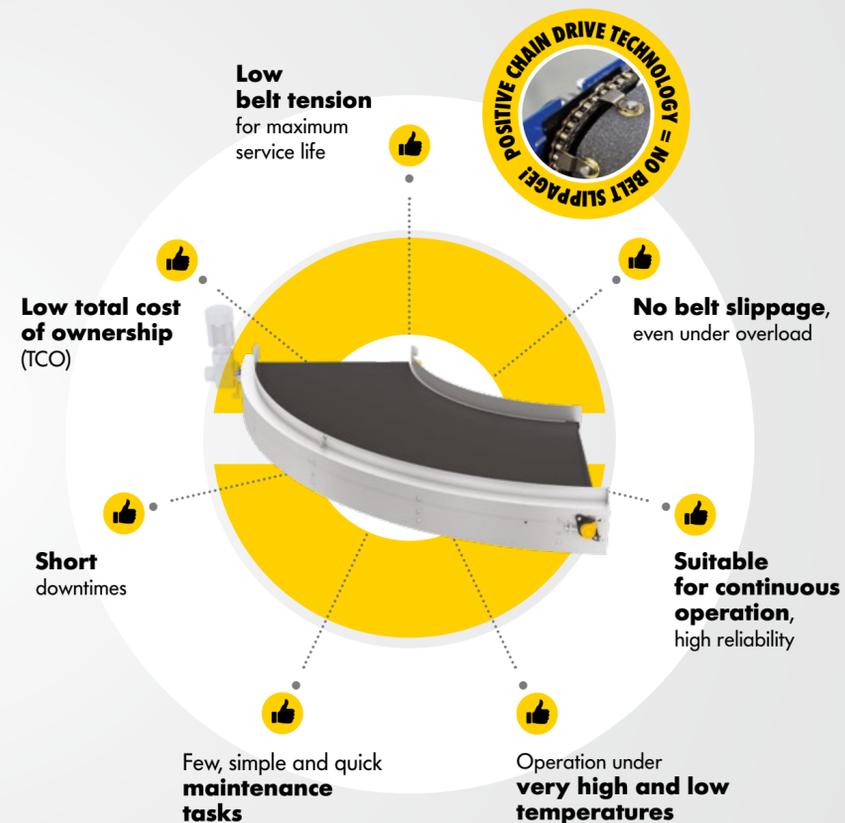
GLOBAL TRAVEL Facts & Figures



The world's busiest airports

2020 Rank	Airport	Total Passengers MIO.	% vs PY
1.	USA Hartsfield-Jackson Atlanta International Airport	110.5	+2.9%
2.	CHN Beijing Capital International Airport	100.0	-1.0%
3.	USA Los Angeles International Airport	88.1	+0.6%
4.	J Tokyo Haneda International Airport	86.4	+2.0%
5.	UAE Dubai International Airport	86.4	-3.1%
6.	USA O'Hare International Airport	84.4	+1.4%
7.	UK London Heathrow Airport	80.8	+0.9%
8.	CHN Shanghai Pudong International Airport	76.2	+2.9%
9.	F Paris Charles de Gaulle Airport	76.2	+5.4%
10.	USA Dallas/Fort Worth International Airport	75.1	+8.6%

INTERROLL BELT CURVE Advantages of the positive drive



The Interroll Belt Curve

1 The Interroll Belt Curve meets the specifications of the world's major airport consultants. They use a positive chain drive technology which prevents slippage, thus ensuring ultra-accurate tracking and a lower total cost of ownership. Friction-driven curves always struggle with slippage: belts are looped over pulleys and if a baggage jam occurs on friction driven curves this will cause a catastrophic failure and in most cases will require the replacement of not only the belt but also the very costly pulleys. The belt tension of friction driven curves needs to be constantly adjusted otherwise the curve will function unreliably. This will lead to delays and even worse, downtime. **Downtime equals loss of money!**

2 Airport operators prefer Interroll curves because they are durable and reliable: they require significantly less maintenance than any other curve. Interroll's curves have been stress tested for protracted periods of time at speeds of 4.1 m/s (800 fpm). No abnormal wear on moving parts was found upon examination.

There are very few moving parts, and fewer parts that can actually fail. Performing maintenance or service work on an Interroll Belt Curve is unbelievably simple. Most maintenance personnel do not know how long it takes to replace a belt because they have had to do it so infrequently or not at all. Anyways, the belt on an Interroll curve can be easily replaced in less than 30 minutes.

Replacing a belt on a friction-driven curve can take hours! Also, friction increases wear on belts tremendously, therefore belts on a friction-driven curve must be replaced frequently. The Interroll Curve is the only curve that can operate safely and reliably in any global climate condition.

3 Interroll is the world's leading supplier of solutions for internal logistics. We offer a truly global product platform with highest availability for airport applications. Our global presence allows us to be close to you, wherever you need us, to assist you with our top-notch engineering support and availability of spare parts. No other competitor can offer such an advantage.

Stuart McGregor, PE., Senior Acoustical Engineer at Engineering Dynamics, Inc., talking about the Interroll Curve:

"I was surprised and encouraged to find that a piece of industrial equipment that can move material at high speeds can be so quiet. It was encouraging to work with a manufacturer of industrial equipment that is proactive and is paying attention in the design of their equipment to minimize sound emissions."

