

Kish International Airport

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December, 2019

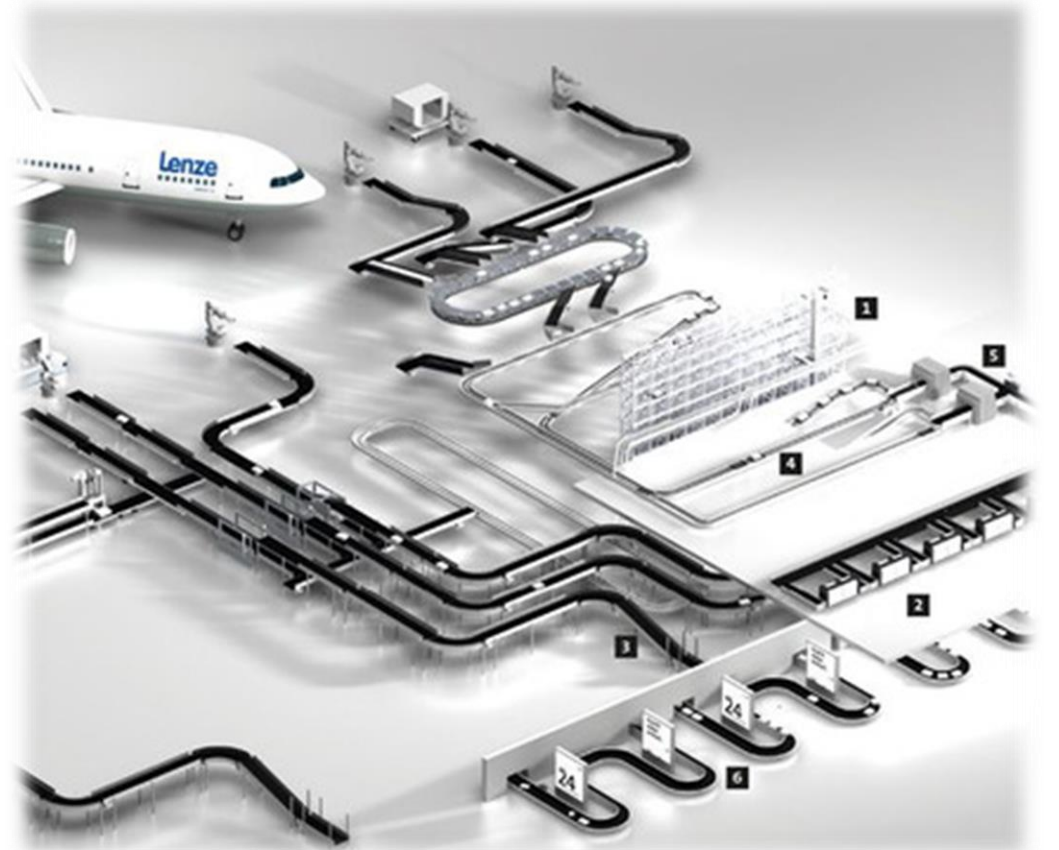
Baggage Handling System (BHS)

- A Baggage Handling System (BHS) is a type of **conveyor system** installed in airports that transports checked luggage from ticket counters to areas where the bags can be loaded onto airplanes.



Baggage Handling System (BHS)

- A BHS also transports checked baggage coming from airplanes to baggage claims or to an area where the bag can be loaded onto another airplane.
- The first Automated Baggage Handling System was invented by BNP Associates in 1971, and this technology is in use in almost every major airport worldwide today.



Baggage Handling System (BHS)

- A bag is entered into the baggage handling system when an airline agent, or self check system, assign the luggage a tag with a unique barcode.
- Airlines are also incorporating RFID chips into the tags to track bags in real time and to reduce the number of mishandled bags.



Baggage Handling System (BHS)

- First, The BHS will scan and sort the bags by airline.
- Then a series of diverters along the conveyor belt will direct the bags into the baggage handling area.



Baggage Handling System (BHS)

- The primary function of a BHS is the transportation of bags, a typical BHS will serve other functions involved in making sure that a bag gets to the correct location in the airport.
- In addition to sortation, a BHS may also perform the following functions:
 1. Detection of bag jams
 2. Volume Regulation (to ensure that input points are controlled to avoid overloading system)
 3. Load Balancing (to evenly distribute bag volume between conveyor sub-systems)



Baggage Handling System (BHS)

1. Bag Counting
2. Bag Tracking (Very Important and Useful feature)



Thanks for you Attention

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