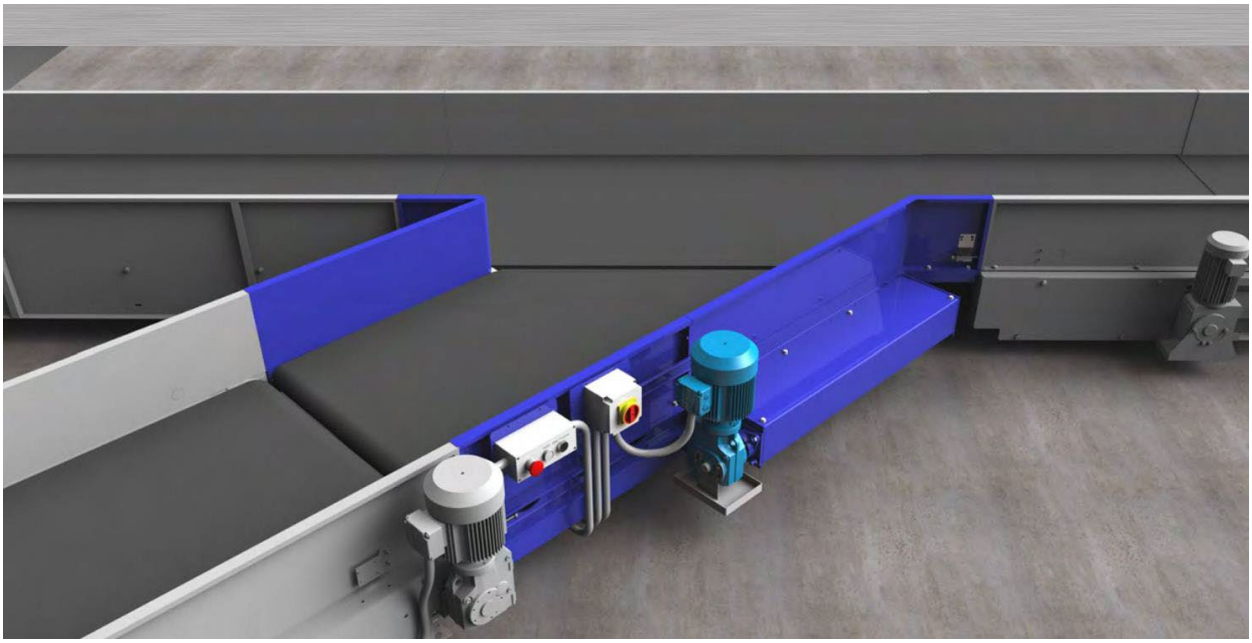
ROBSON
HANDLING TECHNOLOGY



45 Degree Merge

Product Overview

The Robson Handling Technology USA Inc 45-degree merge conveyors are designed to accurately and efficiently move baggage from one conveyor to another at high speed. They are engineered to operate both forward and reverse in order to provide both merge and divert functionality.

Each merge conveyor can act as a metering device which allows combinations with additional queues and curves to feed bags onto the receiving conveyor in a controlled and reliable manner.

Running in reverse the 45-degree merge conveyor can interface with any standard diverter device to act as the take-away conveyor.

The formed steel frame is a rugged design engineered to provide many years of reliable service.

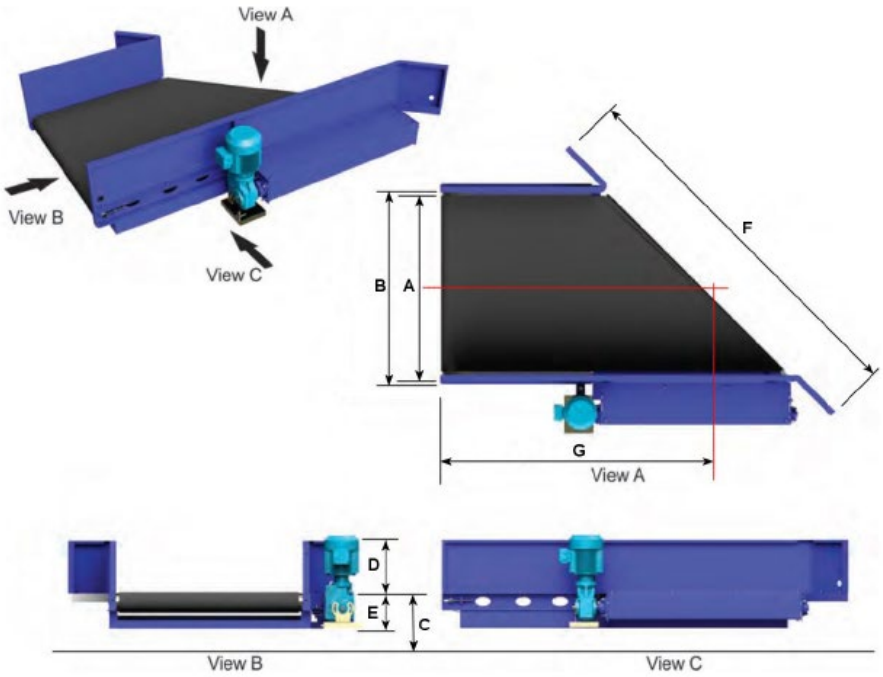
The 45-degree merge conveyor uses industry standard lubed-for-life bearings and other non-proprietary components to keep overall cost of ownership to a minimum.

Features

Ideal for high-speed merging of baggage from one conveyor to another conveyor where the right-angle junctions or power curves are not suitable. A smooth top belt is arranged to provide a cascade onto the next conveyor. Control equipment can be installed to "police" the junction area with priority being given to the prime conveyor.

Available Accessories

- ✓ Transfer Brush at discharge end to smooth product transfer
- ✓ Paint color matching to customer paint sample
- ✓ Drive packages - Special options per customer request



Technical Specifications

Frame Construction	Powder Coated Formed Steel Structure
Belt Width (A)	36" STD, Available 30" and 54"
Overall Inside Width (B)	39" STD, Available 33" or 57"
Floor to Belt Height (C)	10-5/8" Minimum
Side Guard Height (D)	12" STD, Available 21"
Top of Belt to Base (E)	10"
Discharge Face Length (F)	72" for 39" BF (BF + 33")
Conveyor Length at Centerline (G)	37-1/2" or 60"
Weight (Approximate)	700 lbs.
Merge Angle	45 Degree
Speed	90-300 fpm
Capacity	Static-25 lb/ft^2 -- Dynamic- 40 lb/ft
Noise	75 dBA @ 3 ft
Drive	Shaft mounted gearmotor

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