

45 Degree Merge

Smooth controlled flow for effective sortation

Overview

Glidepath 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 nosebars are critical components of any merge; Glidepath's are specially designed and surface-treated to prolong their life.

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 where 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.

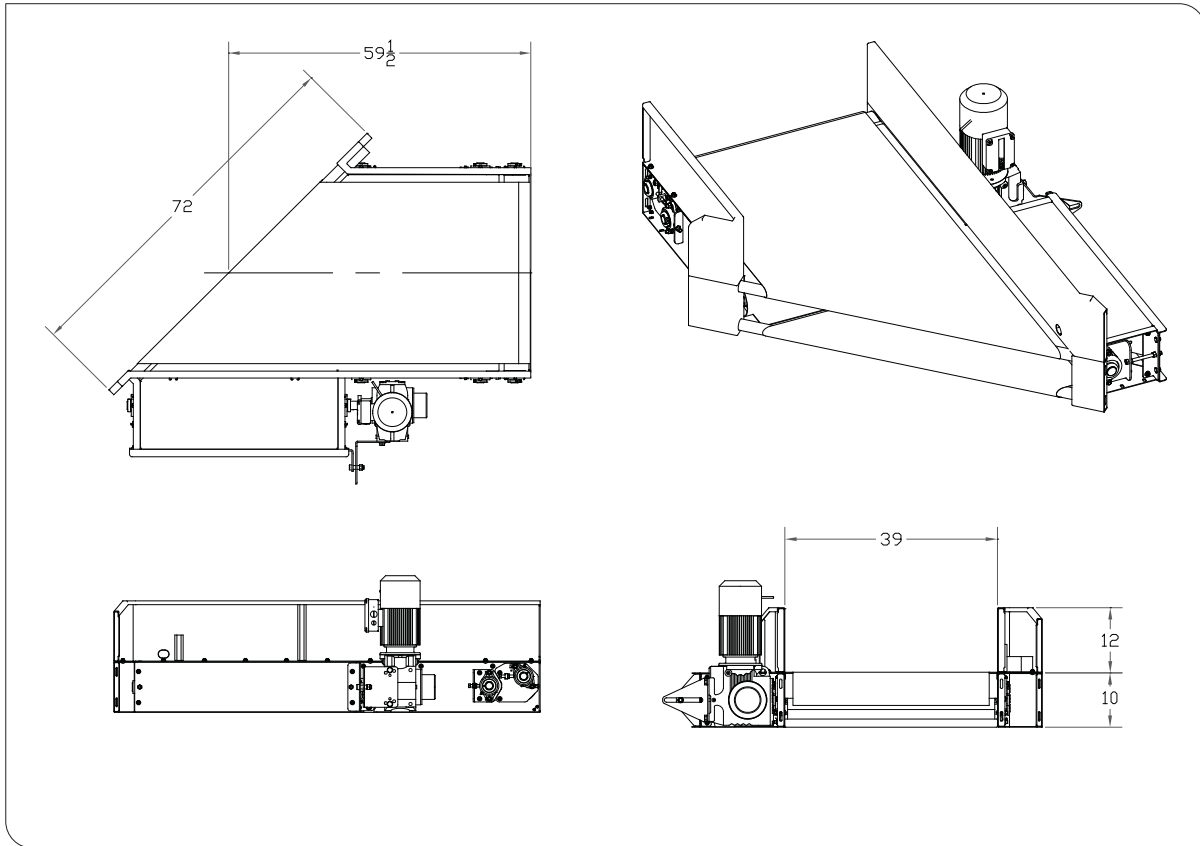
Available Accessories

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



glidepath





45 Degree Merge Technical Specifications

Frame Construction	Powder Coated Formed Steel Structure
Width	39" (915 mm) STD Available 33" - 60" (838 - 1524 mm)
Conveyor Length at Centerline (nominal)	36" or 60" (900 mm or 1520 mm)
Side Guard Height	12"(300 mm) STD, other heights available
Speed	30-300 FPM (0.15-1.5 mps)
Capacity	Static - 25 lb/ft ² (122 kg/m ²) Dynamic - 40 lb/ft (60 kg/m)
Noise	75 dBA @ 197 ft/min
Drive	Shaft mounted gearmotor

