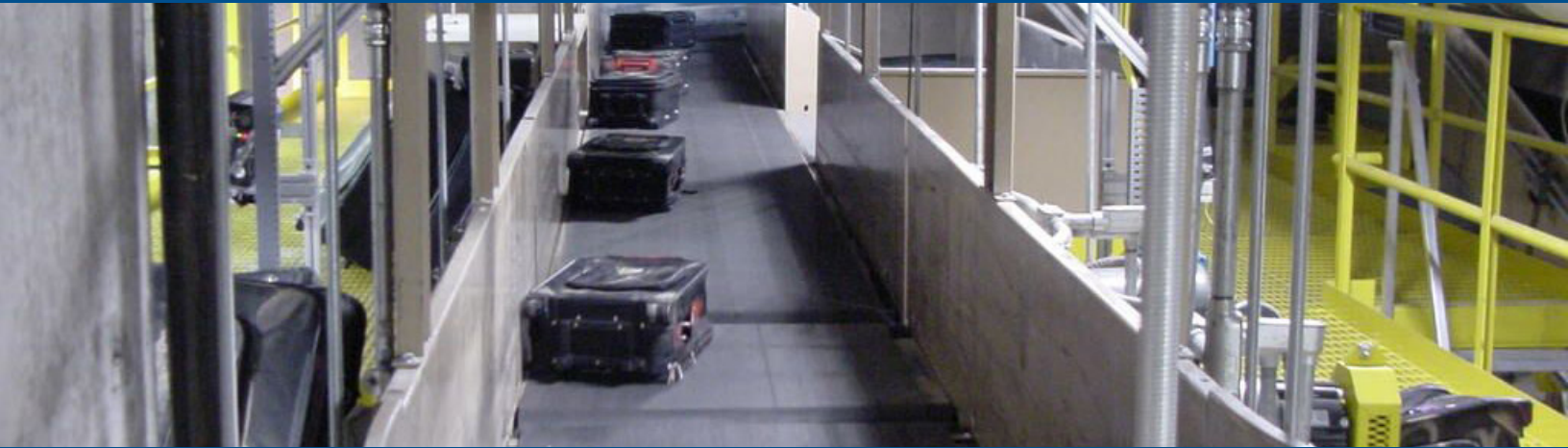


FIVE STAR AIRPORT ALLIANCE

Baggage Handling Systems | Engineering | Manufacturing | Installation | Parts & Services



Horsley Queue Conveyor

PRODUCT DESCRIPTION

FEATURES AND BENEFITS

- Superior Quality
- Ergonomically Designed
- Extremely Reliable
- Easily Maintained
- Heavy Duty
- Multiple Control Options

Introduction

Horsley Queue is a conveyor designed to accurately stage and index baggage in many different applications. The unit provides precise control of baggage and product for proper system functions.

The Queue Conveyor is designed with V-guides, Integral Finger Guarding, and high grip belts to ensure a positive means of tracking with little or no product slippage during rapid starts and stops.

Bed and Sideguard

The bed and sideguards are constructed of 11-gauge hot-rolled steel and are available at variable bed widths and sideguard heights to match our standard conveyor lengths.

Drive Assemblies

The drive system typically consists of a hollow bore shaft mounted gear motor/reducer configuration. This system ensures smooth starting and stopping and reduces the overall equipment footprint.

Electrical Controls

Queues feature photoeye sensors to detect baggage position. Dependant upon application, VFD drives are available for variable speed adjustment.

**COMPLETE LINE OF
BHS PRODUCTS**

- Claim/Make-Up Units
- 45° Merge
- 45° Take-Away
- Super Pusher
- Power Face Diverter (PFD)
- Vertical Sorter/Merge (VSM)
- Transport Conveyor
- Ticket Counter
- Oversize Bag Slide
- Queue Conveyor
- Scale & Dispatch Unit
- Extendable Conveyor
- CAPIS - Custom Inspection Conveyor

TECHNICAL SPECIFICATIONS

| Characteristics | |
|--------------------|--|
| Width (Overall) | Variable (Standard size is 42 in.) |
| Length (Overall) | Variable (54 in. preferred, minimum of 36 in.) |
| Sideguard Heights | 12 in. and 21 in. Standard, other sizes available |
| Weight | 690 lbs. @ 54 in. length with baggage load |
| Bed Width (BG) | Variable (Standard size is 39 in.) |
| Bed Material | 11 ga. hot-rolled steel |
| Sideguard Material | 11 ga. hot-rolled steel |
| Belt Width | Variable (1 in. less than BG) |
| Belt Length | Variable based on length |
| Belt Material | Black, PVC saturated and encased polyester multifilament, high grip depending on application |
| Belt Speed | Variable |
| Drive Motor | 1.5 - 2 HP, 3 phase, 460 v, 60 Hz, TEFC |
| Reducer Type | Right angle, hollow bore |
| Drive Pulley | 6.75 in. diameter pulley, trapezoidal pulley |
| Tail Pulley | 6 in. diameter flat faced pulley |
| Pulley Shaft Sizes | 1.438 in. diameter, A.I.S.I. 1045 cold-rolled steel ground and polished |

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FIVE ★ STAR AIRPORT ALLIANCE

EXCLUSIVE MANUFACTURER OF HORSLEY AND G & T PRODUCT LINES

