

FIVE STAR AIRPORT ALLIANCE

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



Horsley Flat Plate

PRODUCT DESCRIPTION

FEATURES AND BENEFITS

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

Introduction

The Horsley Flat Plate device is a closed loop, articulating crescent shaped plate conveyor designed to provide a continuous moving surface for heavy duty baggage claim or make-up applications.

The unit operates at 90 FPM and can be manually or automatically loaded. The overall footprint of this device can be as narrow as 10 feet 2 in. to maximize presentation without sacrificing floor space. With a 200 lbs/ft. load capacity, this robust device is designed to outperform the competition.

Frame and Track

The modular frame is constructed of structural steel angle, tube, and flat sidebars supported on 3 feet 4 in. centers providing a rigid, smooth surface to guide the crescent plates and carriage link assemblies.

Deck

The claim unit deck can be either a flat or raised design depending on the aesthetic appeal desired. In either case, the top of the deck is constructed of 3/4 in. fire retardant plywood supported by either a wooden or steel framework. The deck has a lockable access hatch for easy maintenance and security.

Carriage Link Assembly

Each modular carriage assembly consists of precision fabricated links supported and guided by polyurethane wheels. The crescent shaped plate is attached to each link to create a smooth, flat continuous surface to support all types of baggage.

Drive Assembly

The drive assembly consists of a pair of heavy duty roller chains driven by a motor through a gear reducer and drive sprocket. The roller chains are connected to hardened drive blocks that engage each carriage assembly.

Electrical Controls

All Horsley Flat Plate devices are furnished with a soft-start for smooth start-ups, start warning, emergency stops and overload protection.

Trim

For installation in public claim areas, the outer peripheral guards and trim strips are Type 304 stainless with #4 brush finish. For installation in non-public sortation areas, the outer peripheral guards and trim strips are steel, finished in wear and rust resistant paint. A 4 in. high toe space is provided at the base of the peripheral guards.

**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

1630 South 4800 West
Suite D
Salt Lake City, UT 84104

Phone: 801-401-5500
Fax: 801-401-5501

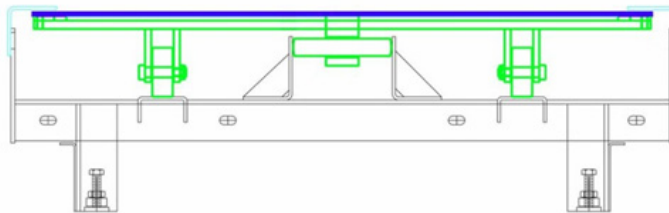
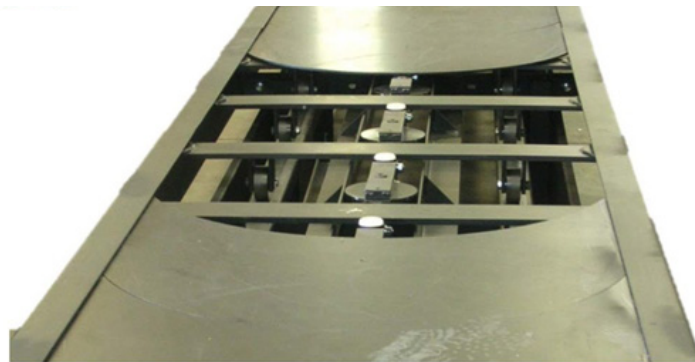
Contact our Sales Dept.:
Tenille Whitten
801-401-5461
801-388-6970

Parts, Services
& Warranty
Phone: 877-223-1818
Fax: 877-877-8106

www.fivestaraa.com
sales@fivestaraa.com

TECHNICAL SPECIFICATIONS

Characteristics	Make-up Device	Claim Device
Conveying Width (Overall)	41 in. nominal	38 in. nominal
Width of Conveying Surface	35 in. nominal	32 in. nominal
Pallet Construction	1/4 in. hot-rolled Steel	1/4 in. hot-rolled Steel
Pallet Finish	Black paint	1/16 in. polyurethane coating
Load Capacity	200 lbs. / linear foot	200 lbs. / linear foot
Height	24 in. (suggested)	13 in. nominal
Conveying Speed	90 FPM	90 FPM
Drive	Dual roller chain w/hardened blocks	Dual roller chain, w/hardened blocks
Pallet Support	Urethane bearing wheels	Urethane bearing wheels
Frame Trim	Hot-rolled steel, painted	Stainless steel, #4 Finish
Framework	Structural steel shapes	Structural steel shapes



Traveling Load Wheels

(Load wheels mounted to the plate via a "link" and travel along a track)

FIVE ★ STAR
AIRPORT ALLIANCE

EXCLUSIVE MANUFACTURER OF HORSLEY AND G & T PRODUCT LINES

