

ADVANTAGES

- **Robust and reliable design**
- **Modular design allows flexibility and versatility of system design**
- **Available in four standard widths**

OVERVIEW

The check-in conveyor is ideal for transferring outbound baggage efficiently and effectively from the public ticket-counter area to airside operations.

Designed with workplace ergonomics and aesthetics in mind, this low profile conveyor can either be manually loaded as a stand-alone unit, or automatically fed when integrated with any number of scale conveyor combinations.

The check-in conveyor consists of a drive section, one or more slider bed modules, and a tail section, all of which are finished with high quality stainless steel. Offered in standard widths, the modular design allows conveyor lengths to be built to site-specific dimensions.

Designed with flexibility in mind, this robust and reliable design meets or exceeds all industry standards, while perfectly complimenting ticket-counter operations.



SLIDER BED MODULE

- Uni-body construction
- Standard module length: 9'-10 1/8" (3000mm)
- Stainless steel, #4 brush finish

The modular slider bed section is constructed to standard lengths, or shortened as a custom-length fill module, with a uni-body design approach where the exposed frame doubles as both the structure and finished surface. Every section is supported and levelled on four screw-adjustable legs. Each standard length module, or a shortened custom-length fill module, bolts up to the next section to form a continuous support-surface for the conveyor belt and baggage to travel on.

TAIL SECTION

- Variable lengths to correspond with site-specific dimensions
- Two tail configurations available

The construction of the tail section is the same as the slider bed module except that it is manufactured to custom lengths and incorporates a tail roller assembly.

Check-in conveyor tail units are manufactured with two tail configuration options: *front* and *end* roller removal.

The *front* removal option is ideal when the conveyor's end is required to butt up against a wall or opposing unit. The design consists of a removable front panel that exposes a detachable flank plate, enabling the tail roller to be accessed for maintenance.

The simple, *end* removal option is a straightforward design that requires only the end cap to be removed, exposing the tail roller for maintenance. A minimum of 12" (305mm) beyond the end of the conveyor is all that is required for full access.

Each tail unit is fitted with a 6" (152mm) diameter roller and screw adjustment is provided to accommodate conveyor belt tracking.

DRIVE SECTION

- 47¼" (1200mm) long
- Removable flank plates to facilitate the removal of components for maintenance purposes

The drive section is constructed in modular form, is located at the head of the conveyor, and is individually fitted with 12 gauge stainless steel front paneling.

The drive section frame is a welded, rigid steel-angle assembly, fitted with removable flank plates, that houses four rollers: the *drive*, *tail*, *snub* and *take-up* pulleys. All rollers are fully adjustable and designed for quick and easy maintenance without removing the belt. The drive roller consists of a crowned, 6½" (165mm) diameter motorized pulley, complete with ¼" (6mm) lagging; the remaining rollers are 6" (152mm) diameter.

TRIM / FINISHING

- 12 gauge stainless steel, #4 brush finish

A standard 18" (457mm) high by 3 1/4" (83mm) deep upstand panel is typically mounted along the ticket-counter area wall for each section of conveyor. Control stations can be optionally fitted in the top surface of the upstand side guards, or separately in control stations in the wall.

CONVEYOR BELTING

- Smooth, black, PVC coating-one-side, 2-ply woven polyester which is joined to form a continuous loop by means of a mechanical splice.

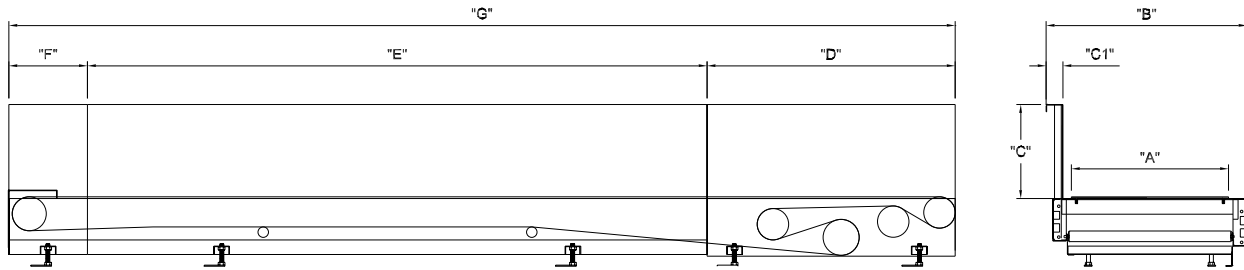
See table on page 2.4.3 for belting options.

MOTOR

- Van Der Graaf motorized pulley, or equivalent.

Each unit is powered by a motorized pulley, selected for reliability, low-noise characteristics, and ease of maintenance.

An optional 90° gear motor / reducer assembly can be used, requiring access hatches in the adjacent wall to allow access for maintenance.



CHECK-IN CONVEYOR SPECIFICATIONS	
Description	G&S Standards
Dimensions	
Belt Width ("A")	30" (762mm), 33" (838mm), 36" (914mm), 48" (1219mm)
Overall Width ("B")	38 5/16" (973mm), 41 5/16" (1049mm), 44 5/16" (1126mm), 56 5/16" (1430mm)
Upstand Height ("C")	18" (457mm)
Upstand Width ("C1")	3 1/4" (83mm)
Drive Module Length ("D")	47 1/4" (1200mm)
Standard Module Length ("E")	9'-10 1/8" (3000mm)
Tail Module Length ("F")	15" (381mm) minimum
Conveyor Length ("G")	7'-0" (2159mm) to 50'-0" (15,240mm)
Rollers	
Drive Roller Dia (lagged)	Ø6.38" (162mm)
Take-up Roller Dia	Ø6" (152mm)
Head Roller Dia	Ø6" (152mm)
Tail Roller Dia	Ø6" (152mm)
Specifications	
Speed	As per customer
Load Capacity (Live Load)	40 lbs/ft (59.52 kgs/m) maximum

Drive Options				
Application	Standard		Optional	
	Make	Model	Make	Model
Motorized Pulley	Van Der Graaf		BDL	DuraDrive
			Interroll	
90 Deg. Reducer	SEW Eurodrive	SA - Hollow Shaft ST - TorqLOC	Morse	
			Dodge	Ti-Gear

Belting Options				
Application	Standard		Optional	
	Make	Model	Make	Model
Public View ; Load/Unload	Nitta	BLC-12A	Ammeraal Beltech	PHR 2-220 1/32 x
			Habasit	NHM-8ESBV
			Siegling America	E8/2 U0VSH MT-FR Black