

ADVANTAGES:

- **Ideal for indexing, queuing, or separating baggage flow**
- **Simple, modular design capable of continuous start / stop operation**
Belt widths available from 24” (610mm) – 48” (1219mm) wide
- **Standard Lengths:**
36” (914mm), 41” (1041mm), 54” (1372mm), 60” (1524mm), 66” (1676mm), 72” (1829mm), or 84” (2134mm)
- **Belt Speeds: 90 – 350 feet per minute (27.43 – 106.68 m/min)**

OVERVIEW:

The queue conveyor is ideal for indexing, queuing, or separating baggage in systems that require flow management. This self-contained, independent conveyor can either be placed in-line throughout merging and sortation systems, or can stand alone as a short conveyor.

The simple, modular design allows the queue conveyor to be manufactured in a number of standard lengths, or customized to meet site-specific needs. All components are easily accessible for regular maintenance and adjustments.

Durably manufactured, this resilient unit is capable of withstanding continuous start / stop applications, and meets or exceeds all industry standards.



GENERAL:

- Simple modular design, utilizing minimal components
- Removable flank plates allow easy access to rollers and components for maintenance

The basic construction of the queue conveyor is composed of a frame, side guards, and three rollers. To ensure belt tracking over such a short length, the rollers and slider bed are fabricated with a guide groove along the center of the conveyor to accommodate a V-guide belt, which is affixed to the underside of the conveyor belt.

All mild steel components are painted or powder coated in a machine grey color, resulting in exceptional durability and appearance.

The unit is fashioned with three rollers: the *drive*, *tail*, and *take-up* pulley. The drive and tail rollers are crowned, 7” (178mm) diameter pulleys, complete with 3/8” (10mm) lagging and a machined center V-guide groove. The take-up pulley is 4” (102mm) in diameter. All rollers are situated between precision, self-aligning ball bearings, and are supplied with jacking bolts to accommodate belt tracking.

CONVEYOR BELTING:

- Black, longitudinally ribbed surface, 2-ply woven polyester, complete with A-section V-guide along center and inside face.

Belting is joined to form a continuous loop using mechanical lacing and flexible, nylon-covered steel cable joiner pins.

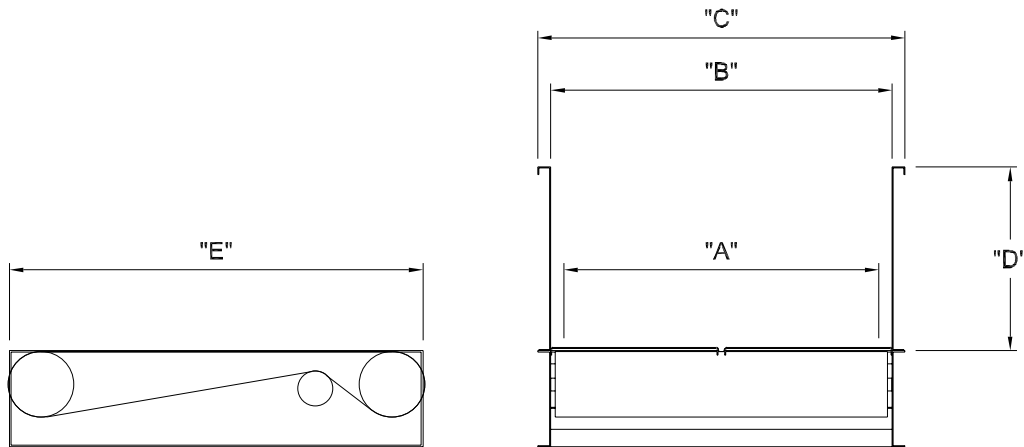
Belting options are listed on page 5.4.4.

BEARINGS:

- Self-aligning, pre-lubricated and anti-friction bearings.
- Rated: L-10 life of 70,000 hours.

DRIVE

G&S Airport Conveyor uses integral 90° motor / gearbox reducers; optional drive methods are available.



QUEUE CONVEYOR SPECIFICATIONS	
Description	G&S Standards
Dimensions	
Belt Width ("A")	24" (610mm), 30" (762mm), 33" (838mm), 34" (864mm), 36" (914mm), 48" (1219mm)
Between Frame Width ("B")	27" (686mm), 33" (838mm), 36" (914mm), 37" (940mm), 39" (991mm), 51" (1295mm)
Overall Width ("C")	30" (762mm), 36" (914mm), 39" (991mm), 40" (1016mm), 42" (1067mm), 54" (1372mm)
Side Guard Height ("D")	0" (0mm), 9" (229mm), 12" (305mm), 21" (533mm)
Conveyor Length ("E")	36" (914mm), 41" (1041mm), 54" (1372mm), 60" (1524mm), 66" (1676mm), 72" (1829mm), 78" (1981mm), 84" (2134mm)
Rollers	
Drive Roller Dia	Ø7¾" (197mm)
Take-up Roller Dia	Ø4" (102mm)
Tail Roller Dia	Ø7¾" (197mm)
Specifications	
Speed	90-350 ft/min (27.43-106.68 m/min) -as per specs
Load Capacity (Live Load)	40 lbs/ft (59.52 kgs/m) maximum

Drive Options				
Application	Standard		Optional	
	Make	Model	Make	Model
90° Reducer	SEW Eurodrive	ST - TorqLOC	Morse	
		SA - Hollow Shaft	Dodge	Ti-Gear
Motorized Pulley	Van Der Graaf		BDL	DuraDrive
			Interroll	
Belt Drive			Baldor (motor)	
			Reliance (motor)	
			Dodge (speed reducer)	TXT

Belting Options				
Application	Standard		Optional	
	Make	Model	Make	Model
Transport; Level - 23°	Nitta	BLRB-16A	Ammeraal Beltech	EX 10/2 0+A32 Black AS FR
			Habasit	NSL-11ESBV
			Siegling America	E8/2 U0/V15 LG-FR