

G&T's Queue Conveyor provides precise spacing control of baggage for systems that require smooth flow management.



Introduction

G&T's 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 high grip belts to insure a positive means of tracking with little or no product slippage during rapid starts and stops.

Frame and Track

The frame consists of standard modular assemblies bolted together to form a support structure and guide for the pallet assemblies. The construction is of structural steel, providing a rigid frame and level surface for the tracks.

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 conveyors.

Drive Assembly

The drive system consists of a gear reducer powered by an electric motor using dual drive belts in an over/under configuration, or a hollow bore shaft mounted worm gear motor/reducer configuration. This system ensures smooth starting and stopping and reduces the chance of belt slippage.

Electrical Controls

All G&T Queues are furnished with clutch/brake motors and overload protection. Queues feature photoeye sensors to detect baggage position. VFD drives are available for variable speed adjustment.

Technical Specifications and General Descriptions

Characteristics	
Width (Overall)	Variable (common sizes 30, 33, 36, 40, 42, 45, 54 and 60 in.)
Length (Overall)	Variable (54 in. preferred, minimal of 36 in.)
Height	Variable depending on sideguard height
Sideguard Heights	9 in., 12 in. and 21 in.
Weight	690 lbs. @ 54 in. length with baggage load
Bed Width (BG)	Variable (common sizes 27, 30, 33, 37, 39, 42, 49 and 57 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 113.9 in. for 54 long bed
Belt Material	Black, PVC saturated and encased polyester multifilament, high grip
Belt Speed	Variable
Drive Motor	1.5 HP electric clutch/brake, 3 phase, 460 v, 60 Hz, TEFC
Reducer Type	Per customer specifications
Drive Belt Type	Dual V-Belt (as required)
Drive Pulley	6.75 in. diameter pulley, apex or trapezoidal pulley available
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

Features and Benefits

- Superior Quality
- Extremely Reliable
- Heavy Duty
- High Capacity
- Easily Maintained



Leaders By Performance

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