

## BALL TOP BUNDLE CONVEYOR

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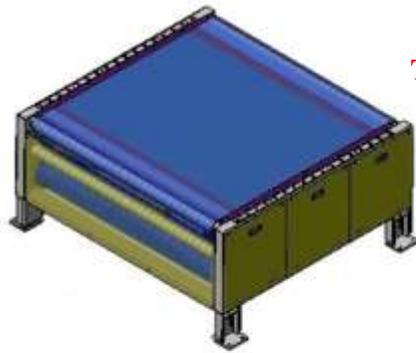
### DESCRIPTION

- Designed using an acetal QNB modular roller ball belt atop a slider bed equipped with a solid, smooth top synthetic belt, the Ball Top Bundle Conveyor is designed to be used as an ejector, quickly moving bundles onto an adjacent perpendicular line when signaled.
- The small nosing radius at each end of the conveyor section make this device ideal for smaller loads.
- With height-adjustable frame supports, Ball Top Bundle Conveyor is compatible with different styles of bundle conveyor and can be used with existing or new ACS conveyors and all competitors' conveyors.

### FEATURES

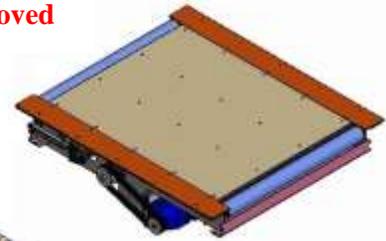
- Top belt provides a stable platform for unit loads.
- Side panels and front/rear panels are easily removed providing access to conveyor drive train and other components.
- Powered by separate gear motors for the top roller ball belt and the slider beds, both residing within the conveyor frame.
- Motor disconnect switches are pre-wired and easily accessible.
- Equipped with 24VDC controls.

# BALL TOP BUNDLE CONVEYOR

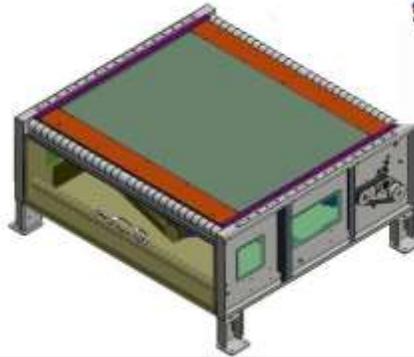


**Roller Ball  
Top Belt Installed**

**Slider Bed  
Removed**



**Slider Bed Exposed**



## SPECIFICATIONS

<b>Bed Width:</b>	60" (152.4cm) Standard. For other widths, call factory.
<b>Frame Length:</b>	60" (152.4cm) Standard. For additional lengths, call factory.
<b>Minimum/Maximum Height:</b>	29- 3/4" (75.57cm) Top of Belt Minimum to 32- 1/2" (82.55cm) Top-of-Belt Maximum (Adjustable support legs to achieve desired Top-of-Belt) Call factory for other options.
<b>Capacity:</b>	Maximum 60 lbs. (27.2kg) Typical
<b>Maximum Bundle Size:</b>	Maximum: 41" Long x 57 Wide" (104.14cm x 144.78cm). * Based on inner bed surface dimensions driving the load during ejection.
<b>Belt Materials:</b>	
<b>Top Belt:</b>	Modular QNB belting with integrated balls offer super low friction, high tensile strength, and excellent resistance to wear.
<b>Slider Bed:</b>	Synthetic anti-static smooth-top belting connected with belt lacing.
<b>Belt Speeds:</b>	
<b>Top Belt:</b>	Belt speed for load infeed is controlled via variable frequency drive and is typically factory set to 70 FPM (21.34 MPM) upon delivery. However, the balls incorporated into the belt double the speed the product travels making the speed effectively 140 FPM (42.67 MPM). For other speeds - call factory.
<b>Slider Bed Belt:</b>	Belt speed is controlled via variable frequency drive and is typically factory set to 70 FPM (21.34 MPM) upon delivery. Again, the balls in the top infeed belt effectively double the speed the product travels. For other speeds - call factory.
<b>Motors:</b>	
<b>Top Belt Drive:</b>	Nord 1.5 HP gear motor coupled to a square drive shaft with cogged belt and sprockets. 230V/460V/3PH/60Hz. Other voltages available as needed.
<b>Slider Bed Drive:</b>	Nord 2 HP gear motor coupled to a lagged drive pulley. 230V/460V/3PH/60Hz. Other voltages available as needed.
<b>Control Options</b>	
<b>Manual:</b>	Operator control using pedestal-mounted console.
<b>Automatic:</b>	Utilizes positioning controls from process conveyor (e.g. photo eyes / laser positioning sensors) to facilitate fully automatic operation. Operator input via PanelView™ terminal.