



### ARC: New Belt Curve Technology

#### 15 Minute Belt Change

#### Maintenance Made Easy:

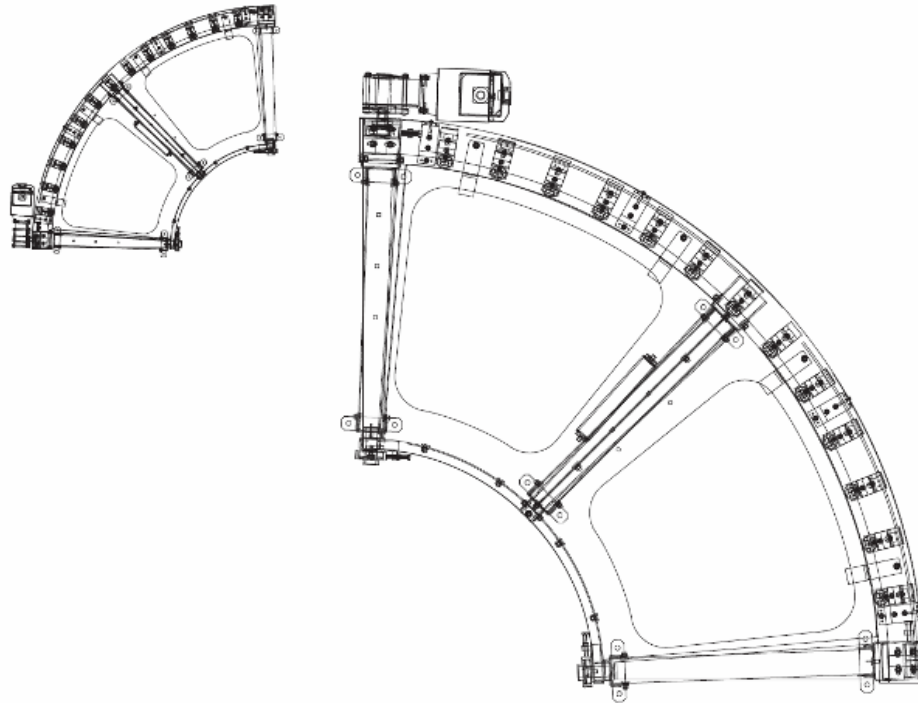
The ARC Curve is designed with a patented belt guidance system that allows a standard Endless belt to be changed in less than 15 minutes with only two people. Requiring only the removal of the inner frame rail and a turn of the patented quick release guide holders, changing the belt requires significantly less time and manpower than comparable models.

#### Curve Durability:

The innovative guide roller design eliminates variations in the contact between the belt and the guide by allowing the rollers to conform to the belt guide, minimizing the wear and maximizing the life of the belt. In comparable models, even minor variations can cause excessive wear to the belt.

#### Belting Options:

Standard ARC Curves are provided with an Endless belt in a variety of surface finishes. If needed, the unit is also available with a laced belt.



### Is a New Building Necessary to Keep up with the Higher Demands?



RedEnvelope, Inc., online retailer of specialty gifts

RedEnvelope, Inc., an online retailer of specialty gifts, asked Blesco, Inc. to work with them in determining if a new building was required to handle increasing holiday order volumes or if a new infrastructure would provide them with the relief they needed.

At the conclusion of the study, it was determined that an updated infrastructure was needed to provide RedEnvelope with the capacity they needed for the upcoming holiday seasons.

Phase 1 was to replace the existing Warehouse Control Software with Blesco's Laris Warehouse Control Software. This software interfaced with RedEnvelope's Warehouse Management System and gave direction to the PLC. The Laris software allowed RedEnvelope to write custom software that would let them

track and find orders in the building when they had an issue or needed to make a change.

The existing system was then retrofitted to handle cartons and totes as it was designed to handle just totes. This reduced the packing labor because currently, every order had to be hand packed from a tote to a carton. With orders right in the cartons, they could be sent straight to shipping to be tapped and palletized.

Blesco then integrated 4 high speed pick modules, each module with a 4-directional ERS divert delivering orders to 4 different picking zones. These pick modules were fed by a high speed NBS Wave sorter that receive orders from the existing pick modules, orders coming out of the new pick modules and also delivered replenishment cases to the back of

the new pick modules. The new picking system allowed a high volume of orders to be delivered to and taken away from the pickers while using fewer operators to replenish it.

Blesco also integrated high speed sortation and take away in RedEnvelope's personalization area, where they performed the embroidering, debossing and engraving functions to personalize the gifts. With the new picking locations, picking could be moved out of the personalization area, so these operators could concentrate on the specialty operations. Two ERS high speed diverts were added in this area, each one feeding two of the four personalization areas. The diverts were provided with high speed delivery and take away conveyor for moving orders in and out of these areas quickly.

### CafePress.Com

CafePress.com, an online retailer and manufacturer of custom products, partnered with Blesco, Inc. in 2007 to upgrade their existing material handling system. CafePress felt that the upgrade would allow them to maintain their high level of customer satisfaction with an eye on growth for the future.

Blesco, Inc. worked with CafePress.com to develop a system that would help expedite orders to and from the various areas of their manufacturing process. System upgrades include:

#### Sortation system in the order consolidation area

Totes and cartons being conveyed into the consolidation area are scanned with an overhead Axiom X scanner, and then diverted for merging.

#### Direct line from packing and quality check to the shipping area

Completed orders in cartons and polybags are placed on a takeaway belt conveyor system that elevates them overhead, and delivers them to the shipping area.

#### Sortation system in shipping for sorting cartons and polybags by ship via

Cartons and polybags are conveyed to the shipping area, scanned by an overhead Axiom X scanner, and then sorted by ship via using an air assisted plastic belt angled roller sorter.

Blesco, Inc. and CafePress.com worked closely in managing the implementation of this time sensitive project. This collaboration allowed the new system to be up and running before the holiday season, and CafePress was able to provide their customers the reliability in product delivery that their customers have come to expect from them.



#### Upcoming Events:

Feb. 23-27:  
[AFFI](#) - San Diego, CA

March 2-4:  
[NACDS](#) - Chandler, AZ  
Booth # 411

April 8-9:  
[NCOF](#) - Orlando, FL  
Booth #102

May 19-21:  
[ACCM](#) - Orlando, FL  
Booth #1234

For More information on upcoming events, [click here](#)