



**ANKER
FLEXCO**



Belt Conveyor Solutions for
Package & Parts
Handling

“For a permanent,
dependable splice,
we switched to Flexco mechanical belt fasteners.”



SMARTER.

With a strong, durable splice and faster installation, mechanical belt fasteners significantly maximise uptime and increase productivity with less cost.

www.flexco.com

Flexco Advantage:

Mechanical belt fasteners simplify belt conveyor maintenance and can be installed faster and easier than vulcanized splices.



Quick Installation

- Most mechanical belt splices can be installed in 15-30 minutes.
- Compare that to vulcanized splices, where installation can take from four to six hours after a vulcanizing crew arrives.



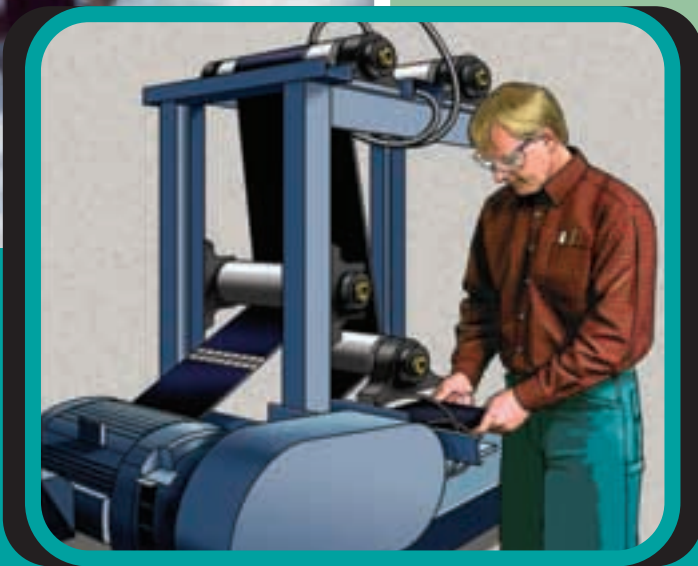
Simple Installation Tooling

- Mechanical belt fasteners can be installed by your maintenance crew with simple, portable installation tools.
- Hot vulcanization requires large and heavy heating presses, plus special hand tools.



Easy Inspection

- With mechanical belt fasteners you can see wear before failures happen.
- In comparison, a vulcanized splice break cannot be predicted accurately.



◀ Flexco FACTS

Nearly all of the belts used on package and parts handling conveyor systems are specifically designed to work with mechanical fasteners. Flexco engineers use sophisticated testing equipment to ensure that fasteners are designed to perform as permanent splices on these applications.

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“Moving tens of thousands
of pieces of luggage daily requires a
fastening system that’s tough.”



STRONGER.

Installing the right mechanical belt fastener ensures an incredibly strong, permanent splice that actually exceeds most application requirements.

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Flexco Advantage:

Mechanical belt fasteners do not damage or weaken the belt carcass. Some vulcanization processes reduce the strength of the belt by 33% - 50%.



Alligator® Staple Fasteners



- Staples penetrate between carcass fibers without severing them. Staples are hammer-driven through the belt and then clinched crosswise to prevent belt tension from pulling against and unclenching the staples.



Anker® Wire Hooks



- The double-staggered grip pattern gives wire hooks exceptional holding power without degrading the integrity of the belt carcass.
- The splice has a very low profile to protect products. It also makes the fastener more compatible with conveyor components.



◀ Flexco FACTS

Mechanical fasteners utilize a combination of carcass penetration and compression to grip and hold belts for secure and long lasting operation. Fasteners are tested and rated with a 4:1 service factor so that selection can be optimized and even peak loads can be handled.

Flexco Advantage:

Faster installation means increased productivity.

- Mechanical belt fasteners can be installed on-site with minimal tooling by your own repair crews, while vulcanized splices are typically installed by outside firms, and can increase downtime by days.
- An average 900mm (36") belt can be spliced in less than 15 minutes with Anker® Wire Hooks using precise Roller Lacing Technology™.
- Alligator® Ready Set™ Staple Fasteners, featuring one-piece fastener strips with pre-inserted staples, significantly reduce installation time by eliminating the need to handle and load individual staples.



Flexco FACTS ▶

Tatch-A-Cleat® belt cleats, pegs, lugs and V-guides are specifically engineered to help increase productivity by allowing product to be conveyed at faster speeds and higher inclines. Easily attached with simple hand tools.



“Using Flexco’s Light-Duty Fasteners has substantially
cut our belt downtime.”



FASTER.

Flexco’s improved fastener designs, installation tools and maintenance techniques result in faster, simpler repairs on your conveyor system.

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Flexco Advantage:

Mechanical belt fasteners not only get you up and running faster, they also help you maximise productivity and workplace safety.

On-Site Installation

- All installation tools are lightweight and have been designed to be used directly on the conveyor.

Simple Operation Steps

- Mechanical belt fasteners are designed for simple installation and only require basic mechanical skills.

Easy Maintenance

- Because a mechanical splice is visible, any wear or deterioration is immediately apparent, allowing the maintenance crew to proactively repair belts during scheduled downtime.



“Ease of installation and greater safety are the main reasons we decided to switch to Flexco.”



EASIER.

Flexco has a wide selection of easy-to-install solutions to maximise productivity and performance throughout your conveyor line.

www.flexco.com

S A F E R .

Flexco offers a wide assortment of installation and application tools designed with the safety of the operator in mind.

Installation

...reasons why we
...mechanical fasteners.”

Flexco Advantage:

Safety is job one.

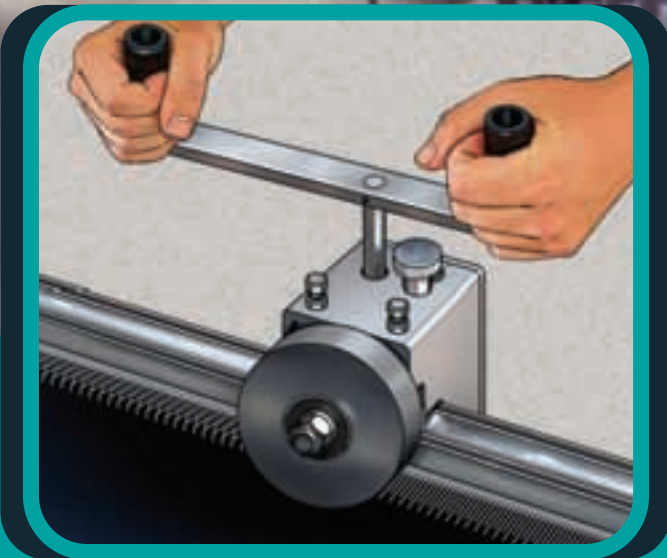
That's why we provide both tools and training to make the fastener installation process as safe as possible.

Safety Training

- Installation manuals, on-site training and web-based safety task training (at www.flexco.com) provide comprehensive information on safe splicing techniques for mechanical fasteners.

845LD Belt Cutter

- This lacing accessory takes the dangerous job of cutting a conveyor belt and makes it extremely safe.
- The blade is fully enclosed, providing a cut that is not only straight and precise, but also quick and safe.



◀ Flexco FACTS

Mechanical belt fasteners can be installed with many of the tools you already have. Flexco also offers tools to help you do the job safer and easier.

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Choosing the right fastener for your needs.

Flexco offers a wide variety of mechanical belt fastener systems for Package and Parts Handling applications based upon specific needs. To select the recommended fastener system that's right for your application, refer to the chart below.

Your Need	Our Recommendation	Other Smart Options
Quick Installation - Minimum Downtime	 <p>Anker® Wire Hooks offer the best solution for minimal downtime. The quick Roller Lacer Technology™ allows for a 1500mm (60") splice to be installed in less than 30 minutes.</p>	Alligator Staple Fasteners Alligator Lacing
Abrasion Resistance of Splice	 <p>Alligator® Staple Fasteners provides superior abrasion resistance for demanding applications.</p>	Anker Wire Hooks Alligator Lacing
Overall Strength of Splice	 <p>Alligator® Staple Fasteners can be safely operated in applications up to 35 kN/m (200 PIW).</p>	Anker Wire Hooks Alligator Lacing
Inexpensive Splice	 <p>Anker® Wire Hooks are economically priced.</p>	Alligator Lacing Alligator Staple Fasteners

Your Need	Our Recommendation	Other Smart Options
Inexpensive Installation Tooling	 <p>Alligator® Lacing does not require any installation tool other than a hammer, making it ideal for low volume applications.</p>	Alligator Staple Fasteners Anker Wire Hooks
Ease of Splice Installation	 <p>Alligator® Staple Fasteners splices are hammer-applied using a simple tool which guides and sets the staples.</p>	Anker Wire Hooks Alligator Lacing
Low Profile Splice	 <p>Anker® Wire Hooks create a low profile splice that produces minimal wear on conveyor components and the product being conveyed.</p>	Alligator Lacing Alligator Staple Fasteners
Non-Metallic, Non-Marking Splice	<div style="display: flex; align-items: center;">   <div style="margin-left: 20px;"> <p>Anker® Spiral Lace Alligator® Plastic Rivet offer the advantages of hinged, mechanical belt splices with non-metallic properties. Ideal for applications involving food, x-ray equipment, or when conveying materials that are susceptible to scratching.</p> </div> </div>	



◀ **Flexco FACTS**

Flexco offers a wide variety of mechanical belt fastener systems, so you can select the one that is best suited for your needs. Additional selection information can be easily found at www.flexco.com.

- ***Less downtime***
- ***Easier to install***
- ***Greater safety***
- ***Reduced maintenance costs***
- ***Increased productivity***

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Authorized Distributor

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