

EVERYTHING YOU NEED TO MAXIMIZE YOUR PRODUCTIVITY



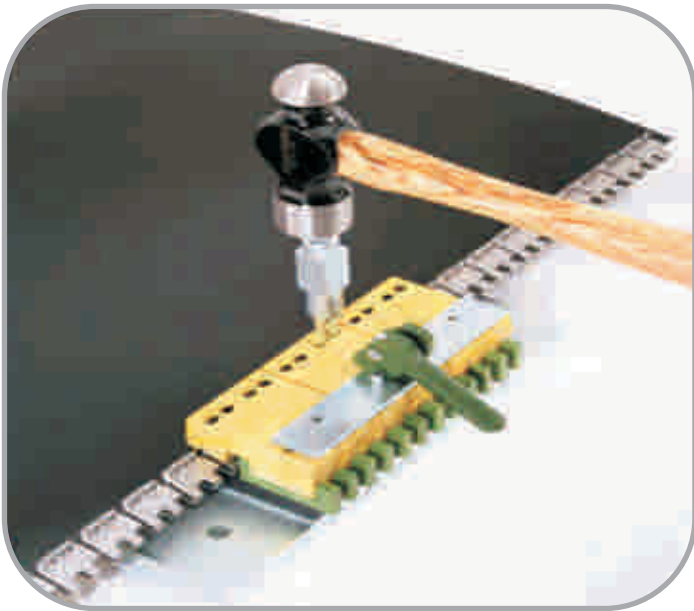
SMART SOLUTION FOR BELT CONVEYOR OPERATIONS



Partners in Productivity

Mechanical Belt Fasteners or Endless Splicing?

No matter what you're moving, minimizing downtime and maximizing output are always top priorities; so choosing the best method of splicing a belt is an important decision.



Mechanical fasteners can be installed by a variety of on-site, easy-to-use tools.



Presses are used to create endless splices through a combination of heat, pressure, and time.



Package & Parts Handling



Agriculture



Airport Baggage Handling



Food & Sanitary Handling



Recycling

Exclusively From Flexco

Metallic Fastening Systems



Alligator® Ready Set™ Staple

Features:

- One-piece fastener strips with pre-inserted staples
- A strong, smooth splice that resists impact damage

Materials:

- Steel 430 & 316 Stainless Steel, MegAlloy®

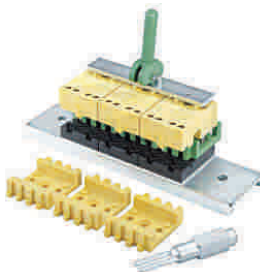
Recommended for:

- Package and parts conveying, food/sanitary operations, agriculture harvesting, recycling, and wood products



Installation:

- Alligator® RSC187 Installation Tool – portable installation system requires only a hammer and lightweight installation tool that can be easily carried to the job site



Alligator® RSC187 Tool

| Alligator® Ready Set™ Staple Fastener Selection Guide | | | |
|---|-------------------------|---------------------|------------------------------|
| Fastener Size | Fastener Ratings (kN/m) | Belt Thickness (mm) | Minimum Pulley Diameter (mm) |
| RS 62 | 17 | 1.5 - 3.2 | 50 |
| RS 125 | 28 | 3.2 - 4.8 | 75 |
| RS 187 | 35 | 4.8 - 6.4 | 102 |



Clipper® Wire Hooks

Features:

- Low-profile, machine-applied hook fasteners
- Available in a variety of wire diameters, leg and point lengths, strip lengths, and styles

Materials:

- Steel 430 & 316 Stainless Steel, high tensile steel, Monel® 400, Inconel® 600, phosphor bronze, Hastelloy C-22, and black oxide



Recommended for:

- Package/parts conveying, food processing, agriculture harvesting, general manufacturing, filter media, laundry, and corrugated box board manufacturing

Installation:

- On-site maintenance lacing tools – Roller Lacer®, Roller Lacer® Gold Class™, Microlacer®
- Speciality lacing tools – Vise Lacers, Lw95 Lacer



Roller Lacer®



Alligator® Lacing

Features:

- Interlaced fastener strips that create an exceptionally smooth joint
- Available in continuous lengths to fit any belt width
- Ideal for transmission belts and other less demanding, low volume applications



Materials:

- Steel and Stainless Steel

Recommended for:

- Package/parts conveying, food/sanitary operations, agriculture harvesting, recycling, and wood products

Installation:

- Requires no special tools – only a hammer



Hammer Installation

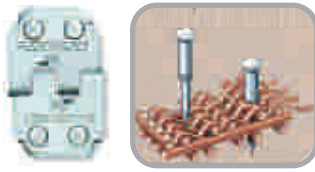
Flexco® R2™ Rivet Hinged Medium Duty Fasteners

Features:

- Hinged mechanical belt fastener with self-setting rivets
- Low-profile, Scalloped Edge™ design that reduces hang-ups on cleaners, pulleys, etc.
- Unique two teeth/two rivet combination for highest efficiency
- For belts with mechanical fastener rating up to 60kN/m and minimum pulley diameters 125mm
- For belts thickness ranging from 7-10mm using SRB Rivets

Materials:

Steel, Stainless Steel 316



Recommended For:

- Construction and Road Equipment
- Wood Processing
- Asphalt Plants
- Captive power units

Features::

- Economically Priced, Durable and Portable
- Ideal for quick repairs.
- Can install up to 300mm in one pass

Installation Tools:

- R2T Tool is economically priced, Durable and portable. with SR 50 it is ideal for quick repairs. R2T can install up to 300mm in one pass.



Non-Metallic Fastening Systems



Alligator® Plastic Rivet

Features:

- One-piece fastener with beveled edges that create a smooth, low-profile splice
- Suitable for pulleys as small as 1-1/2" (38 mm) and belts up to 1/8" (3.2 mm) thick

Materials:

- UV-resistant black, FDA-accepted white and blue plastic



Recommended for:

- Pharmaceutical and food processing, metal stamping, and operations with metal detectors or X-ray equipment

Installation Tools:

- Alligator® Spin-Set™ – automated tool that welds the rivet heads of the fastener through heat and friction



Alligator® Spin-Set™ Tool



Alligator® Spiral Lace

Features:

- Non-metallic fasteners fabricated into the belt for a smooth, non-marking splice
- Ideal for operations with pulleys as small as 1/2" (13 mm) or delicate loads

Materials:

- Black polyester, FDA-approved white polyester, high-temperature-resistant PEEK



Recommended for:

- Pharmaceutical and food processing, metal stamping, and operations with metal detectors or X-ray equipment

Installation:

- Should be installed by an experienced belt shop; maintaining an inventory of ready-to-use replacement belts can reduce downtime



FGP Food Grade Precleaner



- Made of FDA approved materials, certified by USDA
- Simple to adjust spring tensioning unit for maximum cleaning efficiency.
- Simple Snap in place blade design.
- Designed to meet the strict sanitary guidelines for food processing operations.

Specifications:

Temperature range: -29° C to 60° C
 Blade width Range: 102 - 1524mm.
 Pulley Diameter Range: 50mm to 267mm
 Blade Hardness: 63D Shore Hardness.

845LD Series Belt Cutters

Features:

- Sturdy, Safe simple and portable tool for cutting wide belts
- Perfect straight finished cut across width in a single stroke.
- Enclosed flat-top blade is handle- driven from either side.
- Accurately cut belts up to 12mm thickness.



Aero Splice Tape

Benefits:

- Eliminates the need of tacking splices with a hot iron.
- Reduces splice separation resulting from belt shrinkage during splicing.
- Protects prepared fingers from contamination when stringing belts.
- Can withstand up to 220° C and available in rolls of size 66m X 100mm.



Laser Belt Square

Features:

- Fast easy and accurate way to find 90 degree on flat or inclined surface.
- Fully -sealed housing protects against dust and direct water spray.
- Spring - loaded belt edge locating pin to help properly align the laser with the edge of the belt.
- For use in multiple applications, including tight spaces.



Tatch-A-Cleat

Features:

- FDA and Non FDA Cleats, Pegs, Lugs and V - Guides available.
- Mechanically fastened to belts using screws or bolts.
- Ideally for site repair using simple hand tools.
- Designed to improve incline conveying and material containments.



Vise Lacer

Features:

- The most economical method of installing Clipper hooks.
- Fits into any workshop vise.
- Ideally for narrow belts, laundry belts and for users with few belts.



Rough Top Belt Skiver

Features:

- It is essential to remove belt impressions before measuring belt thickness for fastener selection. Rough top skiver simplifies removal of belt impression covers prior to fastener selection and installation.



Flexco Endless Splicing Systems

Novitool®

Novitool® Aero™ Portable Splice Press

Features:

- A quick, 8-12 minute total splice cycle time
- Integrated temperature control and air cooling
- Easy operation and excellent splice repeatability
- All-in-one unit, no external components



Recommended for:

- Endless splicing of thermoplastic belts



Aero press with included flight case for easy transportation

Novitool®

Novitool® PunM™ Finger Punch

Features:

- Manually operated finger punch system that doesn't need electricity or air pressure
- Easy to set-up and use on location
- Punching force of 11,000 lbs. (50 kN)



Recommended for:

- Preparation of belt ends for finger or finger-overlap-finger splices
- Any belt width can be punched due to the open-end design of the Pun M
- Punchboards available for 50x20 mm, 70x15 mm, and 80x20 mm fingers



Punched fingers

Novitool®

Novitool® Ply 130™ Ply Separator

Features:

- Easy depth adjustment and excellent repeatability
- Can separate belt end in preparation for finger-overlap-finger and stepped splices
- Safe and convenient – foot pedal controls the operation



Recommended for:

- Belt shops and on-site jobs
- Preparation of finger-overlap-finger or hybrid splicing



Precise ply separation

Novitool®

Novitool® Amigo™ Monolithic Belt Press

Features:

- Contactless heating provides Superior splice quality.
- Integrated Belt Cutter maintains accurate pitch in a single pass.
- Digital time control with Pre-Heat Setting to remove moisture and to avoid pinhole.
- Shielded Heat Zone and Temperature control ensures splice parameter consistency regardless of ambient temperatures.



Recommended for:

- Endless Splicing of Monolithic beltings.
- Interchangeable Splice Templates for precise pitch splicing of belt from various belt manufacturers.
- Operate on Single phase 230V and hence ideal for belt shop and on-site jobs.



Engineered for precision belt splicing



Flexco Has the Solution

When a splice needs to be made, decide which method will work better for you based on environmental and working conditions around the belt. As mentioned, temperature, moisture levels, residue, the material you're carrying, and the amount of belt slack you have can all come into play. Both splicing methods can be reliable options, but one may work better over the other in certain scenarios.

For any splicing challenges or needs, Flexco has the solution. Our comprehensive line of mechanical belt fasteners and endless splicing presses will keep you up-and-running – with the least amount of downtime.

Contact a Flexco representative today for more information on splicing techniques or to find a distributor in your area.



Partners in Productivity

MAXIMIZE YOUR OPERATION'S PERFORMANCE **WITH FLEXCO**



Visit our website or contact your local distributor to learn more.

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