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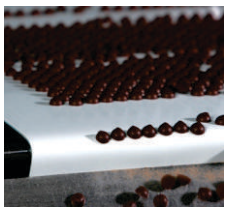
Belts for the Paper and Print Industries

Within the paper & print industry, Schiki Belts has been setting the standard for many years with a consistent high product quality and market-specific features. Innovations over the years have resulted in a number of new concepts.

We offer a wide range of belting products. By choosing Schiki Belts technology, you can not only reduce your supplier base, you will also have access to our worldwide network of industry and product specialists.



Premium partner Ammeraal Beltech
Innovation & Service in Belting

Schiki Belts solutions for Paper and Print Industries

Corrugated Board

Schiki Belts offers solutions for the corrugated manufacturing process, the production and converting area. Heavy duty plastic uni modular belts for paper reel handling, process belts for use on corrugator machines,uni modular belts for stack transportation systems, and specific process belts for converting.

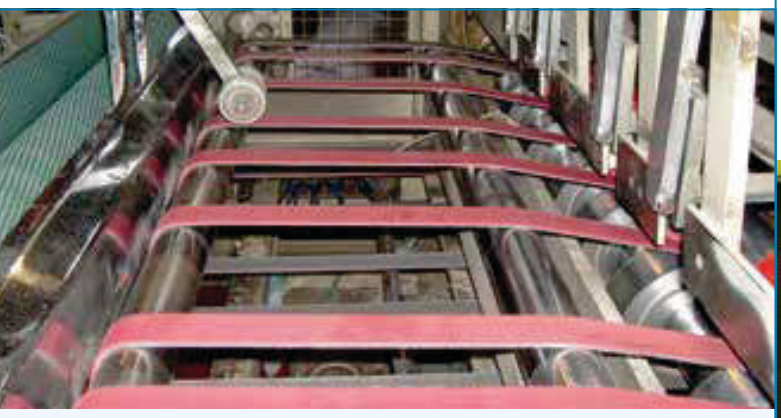
We offer the widest range of conveyor and process belts to fulfill the specific requirements of the corrugated board and box making industry.

Some examples:

- Elevating transport from single-facer to transfer bridge; these belts are exposed to heat and moisture
- Transport to rotary shear, slitter, scorer and down stacker
- Converting

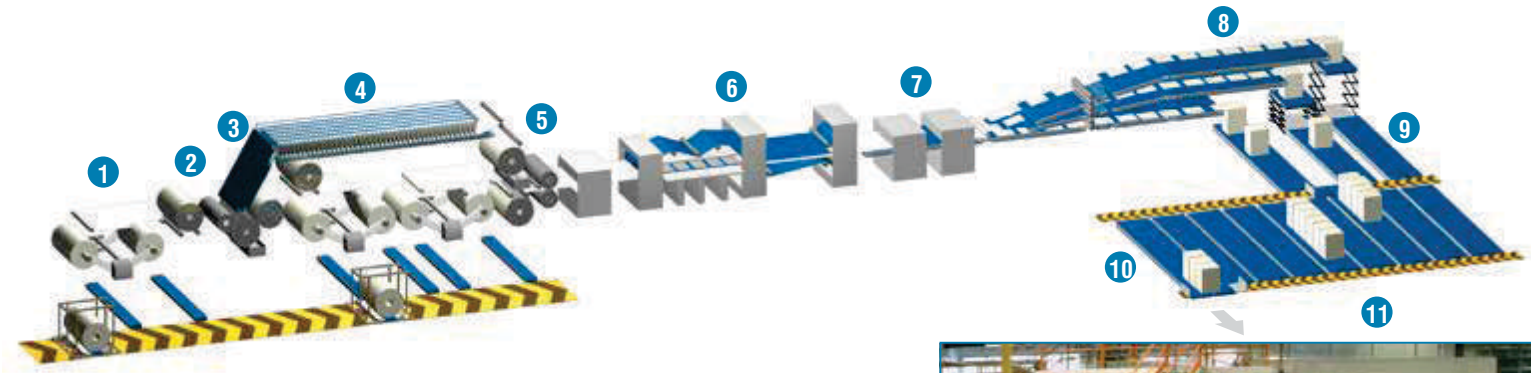
Reasons to install uni Plastic Modular Belts in your Corrugated Plant

- Solve workflow logistical problems.
- Enable full materials handling automation.
- Ensure consistant corrugated sheet quality.
- No waste of bottom sheets.
- Maximize plant production capacity.



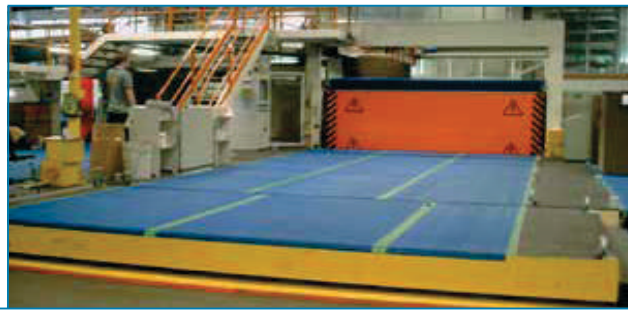
Zip belts: the best solution to reduce down time

- Easy splicing reduces expensive down time.
- Hard wearing covers ensure longer belt life.
- Constant high grip for a positive feed and less rejects.
- Limited elongation, thus maintenance free.
- Unique seamless belt eradicates fastener damage.
- Wide choice of covering materials for maximum performance and efficiency.



Corrugator line

1. Reel stands
2. Single facer
3. Riser to bridge
4. Bridge
5. Glue unit
6. Double backer
7. Rotary shear / Slitter / Scorer
8. Delivery / Down stacker
9. Down stacker take-off conveyors
10. Transfer cars
11. Work store conveyor area



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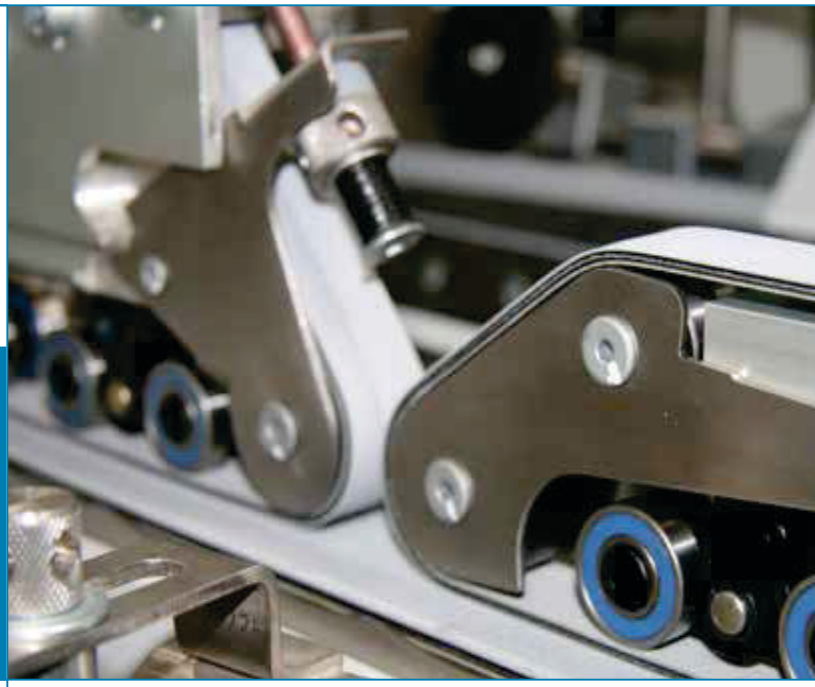
Folder Gluer Belts for the Box Folding

Our commitment to innovation shows in our new series of Folder Gluer Belts, improved to provide better performance across a wide range of applications.

With long service lives, excellent grip for paper and carton, outstanding resistance to abrasion and paper dust for hassle-free maintenance, plus the availability of EC and FDA-approved Food Grade covers for a number of applications, these new belts can boost productivity, reduce downtime and cut energy use and costs year in and year out.



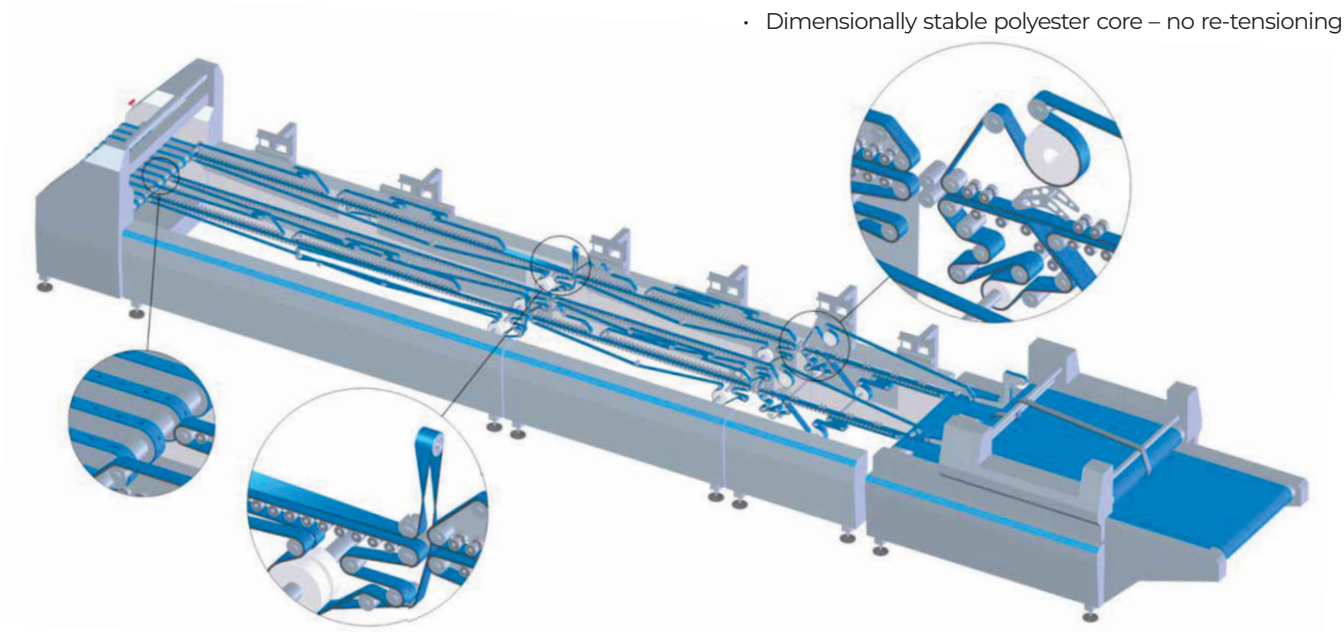
Main benefits:

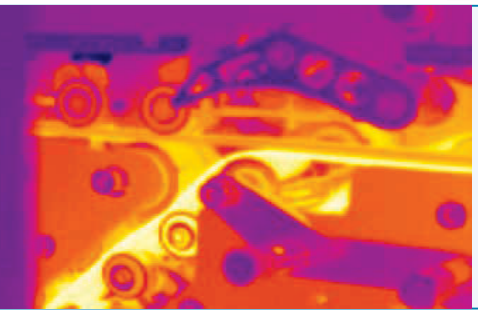
- Extended service life thanks to innovative design and engineering
- Exceptional grip for precision performance
- Reduced energy consumption
- Less belt noise
- Available in thicknesses of 3, 4 and 5.5 mm

Available in either Classic or QuickSplice designs, Folder Gluer Belts ensure precise transport and folding of carton blanks at very high speeds for nearly all applications across industry needs, including food and pharmaceutical packaging with our high-quality EC and FDA-approved Food Grade covers.

QuickSplice design

- Safe, reliable and rapid finger splice for fast belt replacement
- Safe and easy belt tracking, even at speeds as high as 700 m/min
- Energy-saving design, up to 14% lower energy consumption compared to market standard*
- Suitable for running in both directions
- Dimensionally stable polyester core – no re-tensioning required





QuickSplice Folder Gluer Belts have the **lowest energy consumption in the market** compared to other belts. The innovative material combination results in less self-heating of the belts (temperatures are approximately 20% lower compared to other belts under the same conditions).

Classic design

- Traditional splice technology with skived and glued joint
- PA foil tension member
- FDA and EC Food Grade covers
- Outstanding edge stability gives no edge fraying
- Can be used in applications with temperatures up to 80 °C

Schiki Belts solutions for Paper and Print Industries

Paper Production and Sheeting

Schiki Belts provides innovative belting solutions and expertise in paper production, paper sheeting and converting to packaging processes. Thus ensures to operate and to produce cost effective at highest quality.

Widest range of belting products from one supplier:

- Process & Conveyor Belts
- High-Performance Flat Belts
- Timing Belts
- Engineered Belts
- Modular Belts
- Endless Woven Belts

Specific requirements

- Accurate feed and long service life
- High speed folding/glueing
- Combination of straight, curved and inclined conveyors
- Seamless Belts for easy and quick installation
- Specific additional covers, perforations, etc.
- Quick, easy and straight joining
- Optimal covers for horizontal and non-horizontal transport
- Accurate paper processing – machine tapes
- Positive drive belts for perfect synchronisation
- Precise, heavy tube winding

Folio- and cut size sheeting

1. **Unwind station**
   Unwinding of one or several paper webs simultaneously (multi web unwinding).
2. **Decurling / Infeed frame**
   Eliminates possible distortions or curling of the paper webs.
3. **Slitter**
   Rotary blades are slitting the paper webs longitudinally.
4. **Crosscutter**
   Revolving knives are cutting the webs, either with conventional systems or synchronous cross cutters. Precisely synchronized speed of paper and knives is crucial.
5. **Catch station**
   Section to catch the clean cut sheets.
6. **Reject gate**
   High frequency scanners detect non-conform products. The reject gates remove these sheets, even at top production speed, without affecting main production stream or subsequently following sheets.
7. **Overlapping / transport**
   Transferring and shingling of cut paper sheets.
8. **Stacker / collecting unit**
   Collects the paper sheets and forms paper stacks or reams.
9. **Discharge and further processing**
   Discharge of the paper stacks or reams and further processing (e.g. packing, labelling, wrapping, etc.)

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