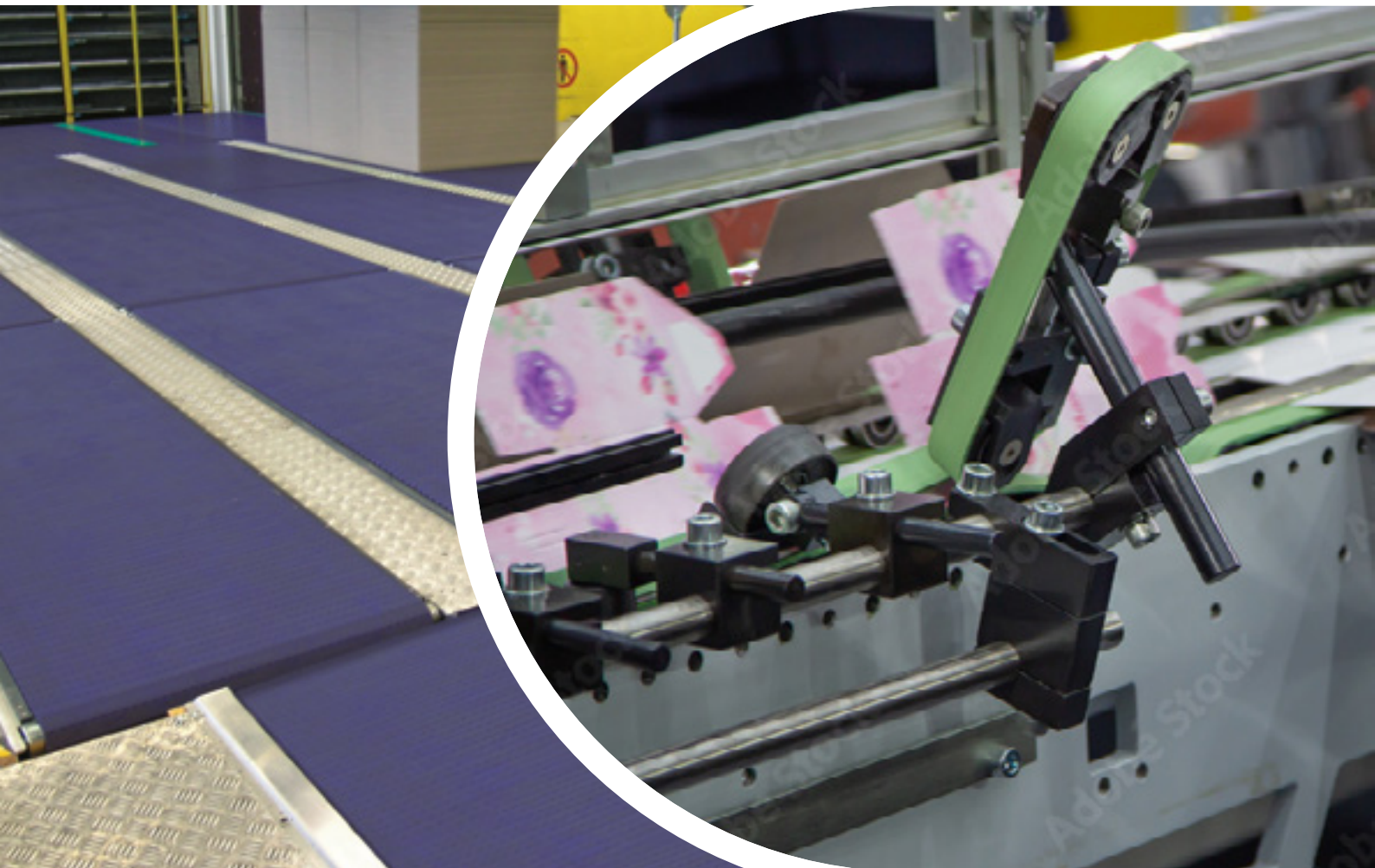


Paper Industry

Belts for Board Corrugating
and Box Making



Introduction

A close-up photograph of a worker's hand wearing a black and white patterned glove, holding a stack of blue corrugated cardboard sheets. The sheets are stacked on a dark surface, and the background shows more stacks of similar material, slightly out of focus. The lighting is dramatic, highlighting the texture of the cardboard and the worker's hand.

In the paper printing and board converting industry,

a wide variety of belts are needed for production processes.

With deep industry expertise, continuous research, innovative approaches, and partnerships with top machine manufacturers

globally, Habasit crafts solutions that meet evolving market

demands. Our developments prioritize user-friendly

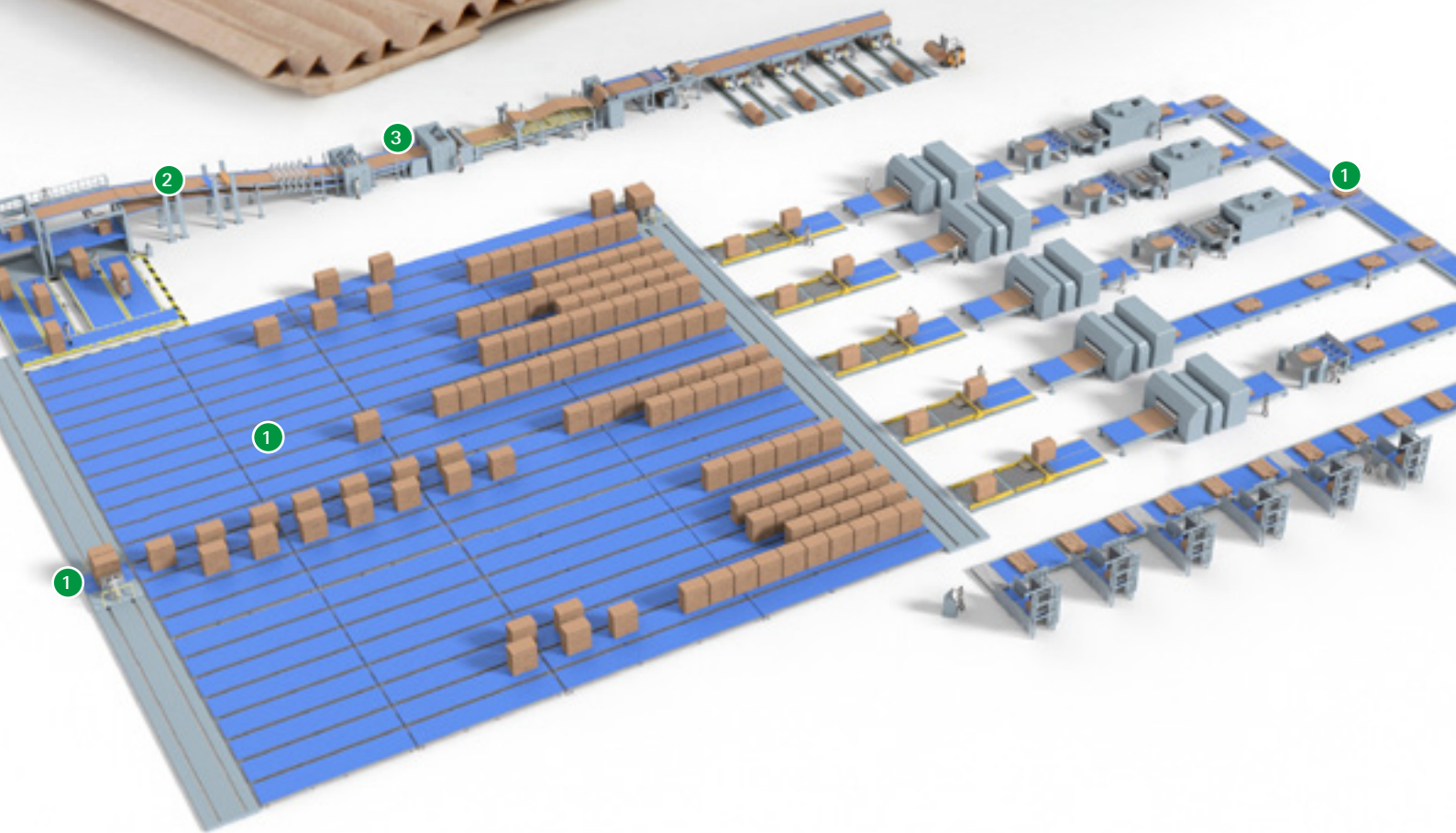
solutions that blend top performance, reliability,

and cost-effectiveness.

In addition to the diverse range of belts required for paper printing and board converting, Habasit specializes in tailoring solutions to meet specific production needs. Our commitment to innovation extends to optimizing belt designs for durability, efficiency, and compatibility with modern printing and converting equipment. By leveraging cutting-edge technologies and collaborating closely with industry leaders, we ensure that our solutions not only meet but exceed the rigorous demands of the printing and converting sector. Our goal is to provide seamless integration, exceptional performance, and long-term value to our clients, driving efficiency and productivity across their operations.



Corrugated board production and converting



Corrugated cardboard production involves several stages to create the sturdy and versatile material used in packaging and shipping. Driver for packaging production is the development / growth of industrial production (consumer goods require appealing packaging material).

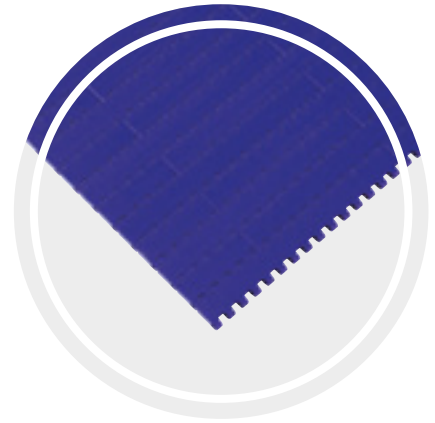
- 01 Plastic modular belts
- 02 PVC and TPU conveyor belts
- 03 Elastomer covered conveyor belts
- 04 Sphere Top

Products

01 Habasit Plastic modular belts are the most used belt in corrugated cardboard production site.

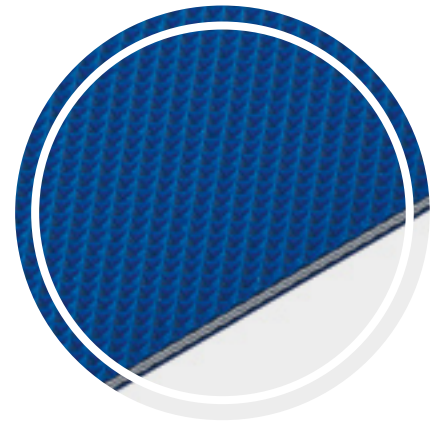
The "Flat Top" models are employed for transporting corrugated sheets. The sophisticated surface allows:

- Individuals can work safely in this zone. The surface must be stable and flat to facilitate walking, with no gaps permitted for safety reasons.
- Stacks should maintain stability during transportation.



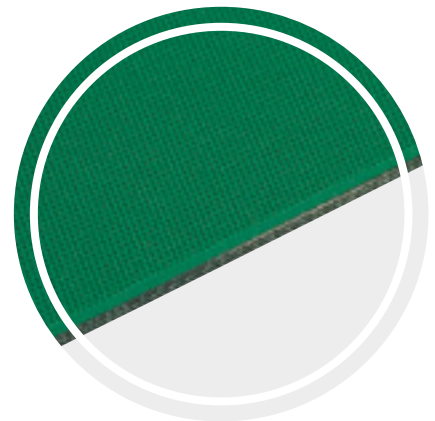
02 Habasit PVC and TPU conveyor belts are used for standard conveying. There are also a lot of applications for standard conveying in the paper printing process. Needed features for the belts are:

- Good abrasion resistance and good dimensional stability for long belt lifetime and optimum runnability with minimum machine downtime.
- Consistent co-efficient of friction to provide reliable conveying over entire belt lifetime.
- Surface properties need to be suitable for conveyed paper type for smooth conveying without scratching and marking.



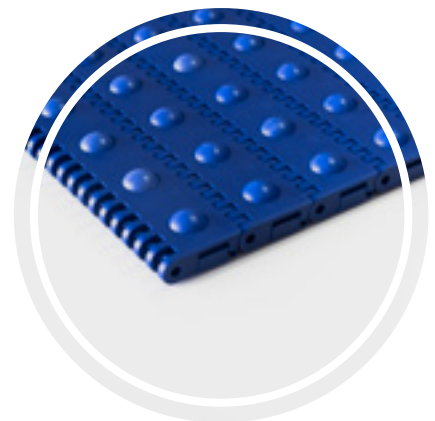
03 Habasit Elastomer covered conveyor belts are used for transport and cooling of folding carton or corrugated sheets. This conveying has following features:

- Safe and constant grip over entire belt life to ensure precise and reliable inserting and processing of paper or paperboard sheets.
- High abrasion resistance and good dimensional stability provide long belt lifetime and optimum runnability with minimum machine downtime.

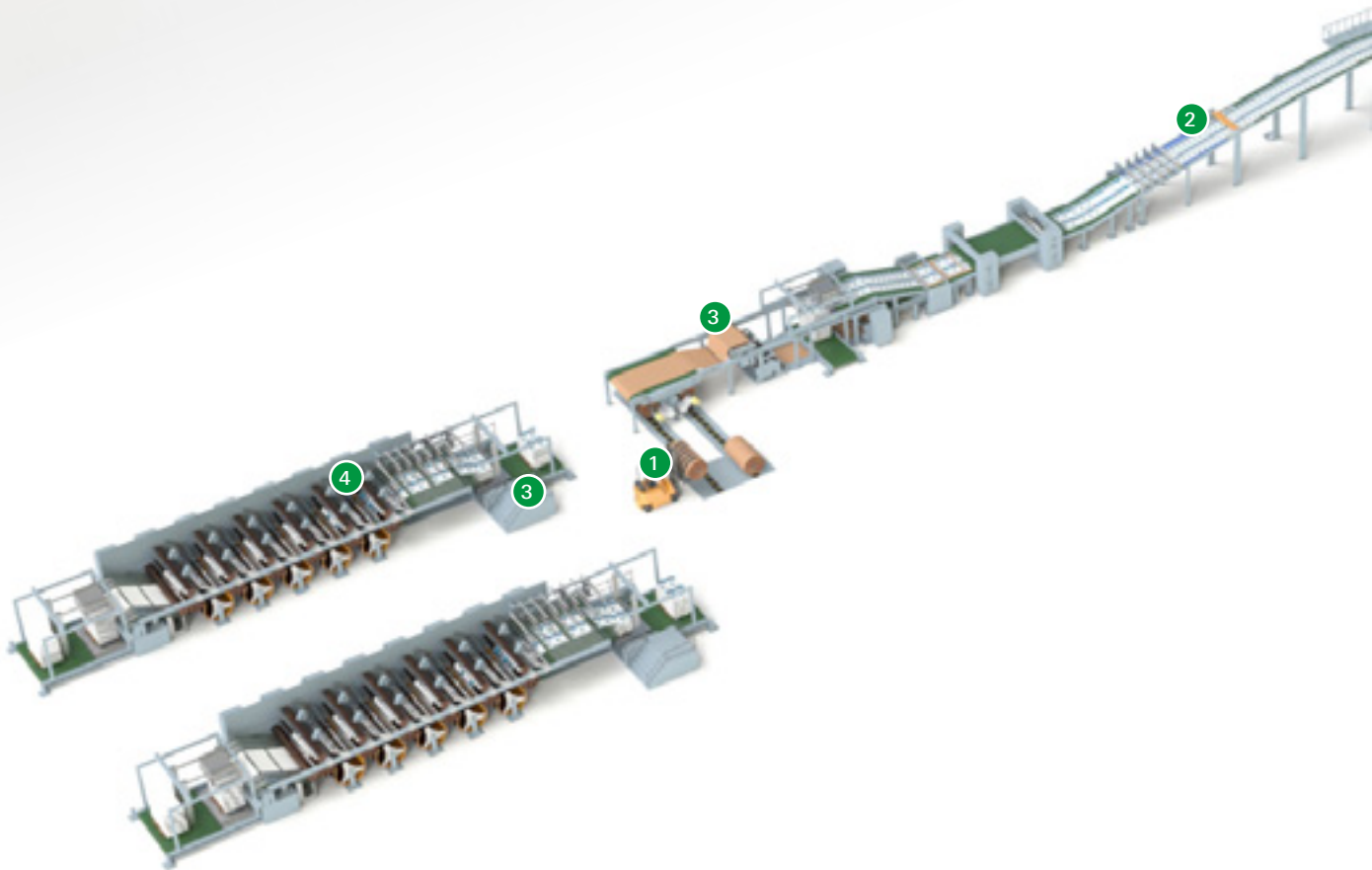


04 The "Sphere Top"

- No spheres get lost, ingenious design to let them pop back up automatically,
- tight cavities ensure low risk of dust accumulation = providing low noise and high availability of the equipment

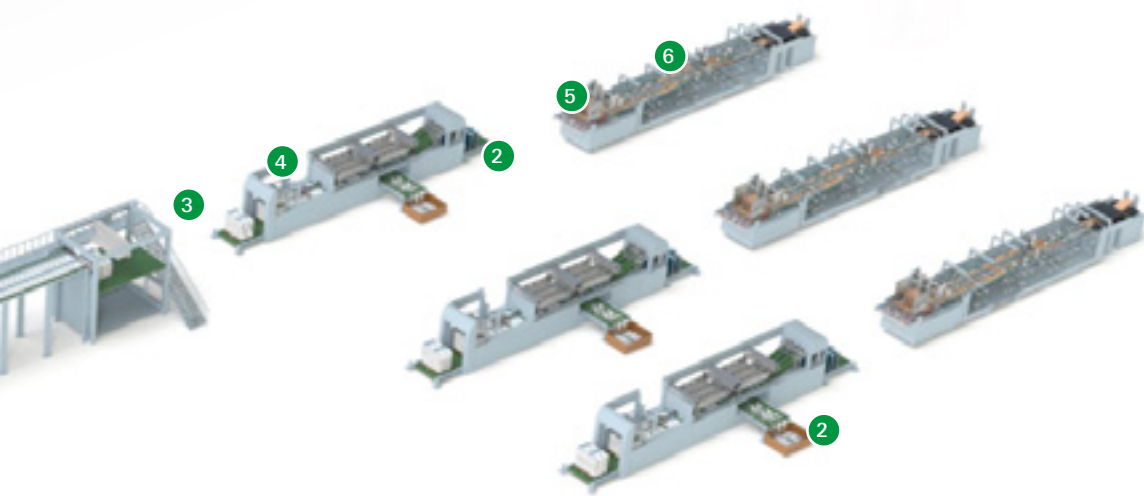


Box making



Board converting applications offer an attractive potential for a large variety of different belts, for example machine tapes, power transmission belts, conveyor belts, Grabber belts, plastic modular belts, timing belts etc.

- 01 Plastic modular belts
- 02 PVC and TPU conveyor belts
- 03 Elastomer covered conveyor belts
- 04 Habasit Machine tapes
- 05 Habasit Feeder belts
- 06 Habasit Folder gluer belts

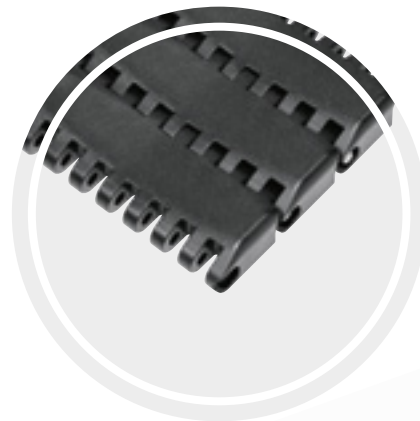


Products

01 Habasit Plastic modular belts are the most used belt in corrugated cardboard production site.

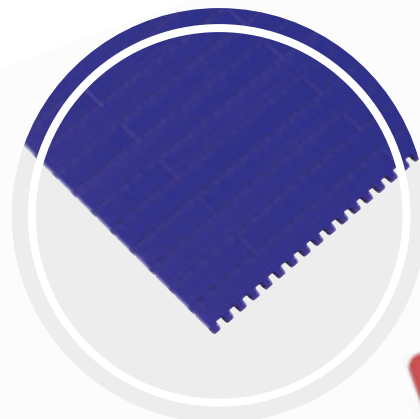
The “Reel top” –type of plastic modular belts are used for transportation of board rolls. This thousands of kilos application requires:

- Special shape of the belt for precise positioning of the heavy roll and robust sprockets for precise belt tracking
- Good dimensional stability for reliable and precise transportation of the roll
- Combination of good flex-fatigue properties and Robust materials for high abrasion resistance ensures long lifetime and minimum downtime for the process.



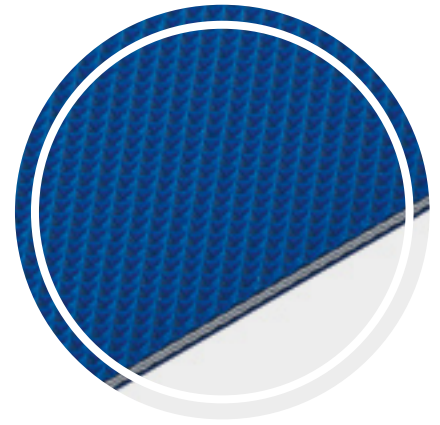
The “Flat top” –models are used for transportation of corrugated sheets. The sophisticated surface allows:

- people to work safely in this area. The surface needs to be stable and flat for walking, no gaps allowed for safety reasons.
- Stacks to remain stable during the transportation



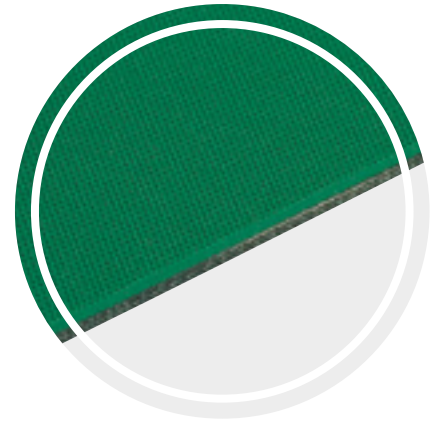
02 Habasit PVC and TPU conveyor belts are used for standard conveying. There are also a lot of applications for standard conveying in the paper printing process. Needed features for the belts are:

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03 Habasit Elastomer covered conveyor belts are used for transport and cooling of folding carton or corrugated sheets. This conveying has following features:

- Safe and constant grip over entire belt life to ensure precise and reliable inserting and processing of paper or paperboard sheets.
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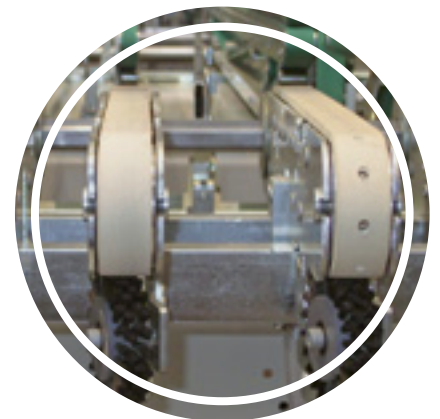
04 Habasit Machine tapes are used in various applications in printing process. Processes requires the most reliable belts with:

- Safe, smooth and consist grip over the entire belt life time for precise and reliable, processing and transporting of printed paper without smearing or marking the fresh ink.
- These features together with high abrasion resistance and good dimensional stability allows the best in class lifetime for machine tapes.
- All these features result in excellent machine performance and high output



05 Habasit Feeder belts are seamless belts which are used in the feeder providing:

- Safe and consistent grip over the entire belt life ensuring precise and reliable inserting of carton or corrugated board sheet.
- High abrasion resistance for long belt life time
- Good dimensional stability also in changing humidity. No re-tensioning is needed. This ensures minimum downtime and excellent machine performance




06 Habasit Folder gluer belts range is designed based on the folding carton or corrugated board requirements in terms of speed, thickness or FDA requirements. Common for all folder gluer belts are following features:

- Safe and consistent grip without glazing ensuring the smooth and precise transporting and folding of the carton or corrugated board.
- High abrasion resistance and excellent flex-fatigue properties ensuring the long belt life time
- Good dimensional stability also in changing humidity. No re-tensioning is needed. This ensures the optimum runnability and minimum downtime
- All these features result in excellent machine performance and high output



Our services

A photograph showing two men in a workshop or factory setting. The man in the foreground has a dark beard and is wearing a green jacket over a light blue shirt. He is looking down at a large, polished metal component of a machine. The man in the background is wearing a grey shirt and white gloves, and is also looking at the machine. The background is slightly blurred, emphasizing the men and their work.

Our commitment to our customers' success is what drives our continuous innovation and product and service improvements. We combine engineering expertise with dedication to reliability, to create lasting value for our customers.

Global leadership, local service

Habasit is your local partner with global reach. With 30 affiliated companies, each with its own inventory, fabrication, assembly, and service facilities, plus our worldwide network of partners, we react quickly and expertly to meet your most complex installation challenges.

Comprehensive technical support

From belt selection to design assistance. Extensive knowledge of our customers' processes lets us guide you from application analysis to selecting the optimal solution. We offer online calculation and belt selection tools, as well as on-site engineering assistance and equipment design, to make sure you get the best solution.

Process optimization and everyday efficiency

Innovation comes from understanding our customers' daily challenges. Habasit is more than a belting company. Our experts can provide belt condition monitoring, regular inspections, analysis and surveys at your sites, to keep your lines running smoothly and fully optimize your equipment and production processes.

Sharing knowledge and making business easy

Habasit offers training programs and support tools to ensure optimal use of our products, with training on fabrication, installation, assembly, maintenance and belt repair either at a Habasit site or your own location. Orders, shipping and tracking can be managed via our Customer Care team, or directly online.

Committed to innovation beyond the obvious

Because our customers' challenges and needs are always changing, we are constantly investing in the research and development of new products and solutions not only for today, but also for tomorrow.



Contact us

Habasit has subsidiaries, affiliated companies, representatives and service partners all around the world, dedicated to supporting you whenever and wherever you need us.



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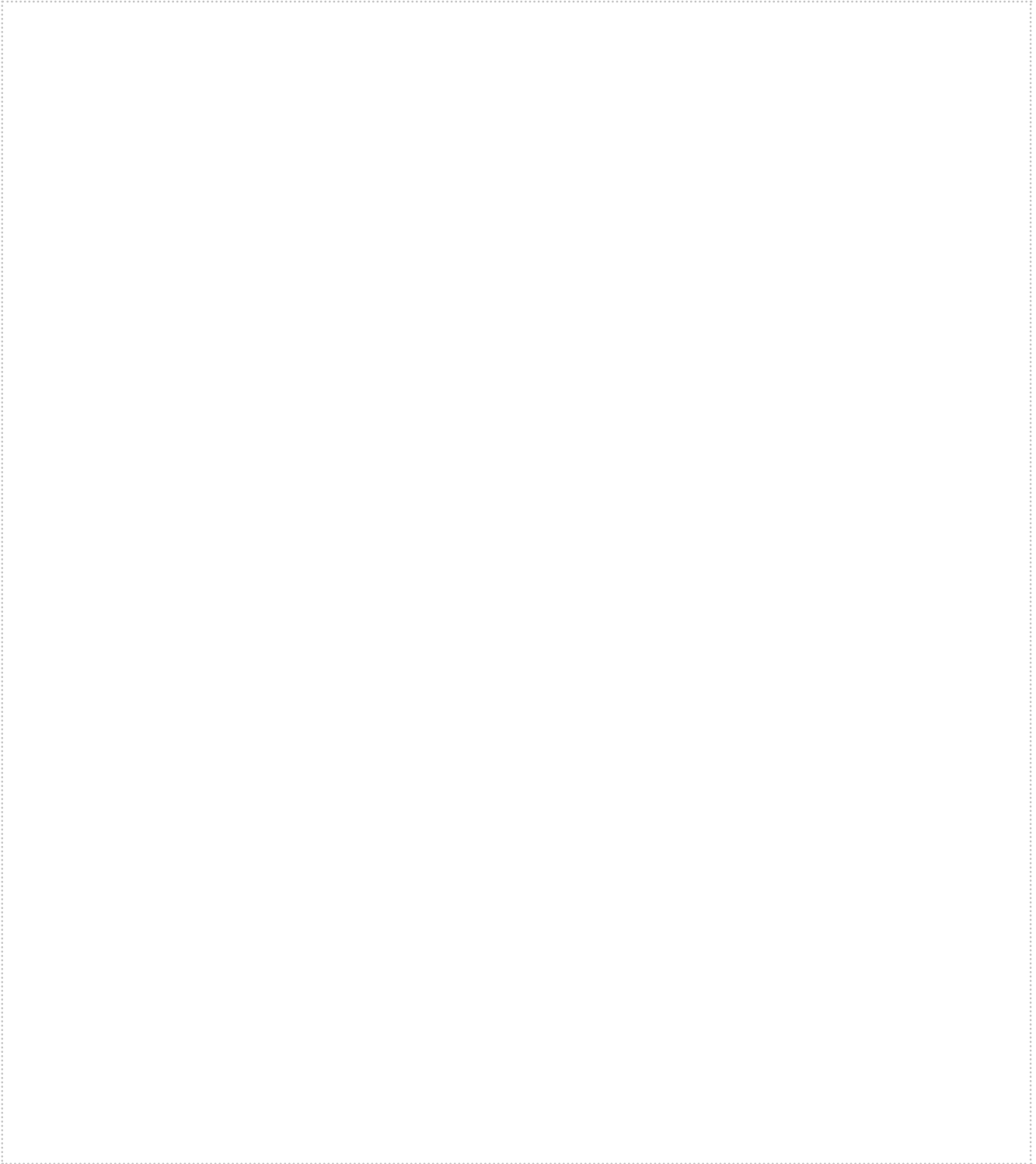
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Notes



A series of horizontal dotted lines spanning the width of the page, providing a template for writing notes.

Sketches








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