

Grabber belts for friction applications

Solutions for the packaging industry



Where friction and precision meet

Habasit grabber belts are essential in applications where friction and precision drive performance. By employing cutting-edge processes and a diverse selection of materials, textiles, and elastomers, we tailor the ideal combination to ensure exceptional performance in the packaging industry and beyond.

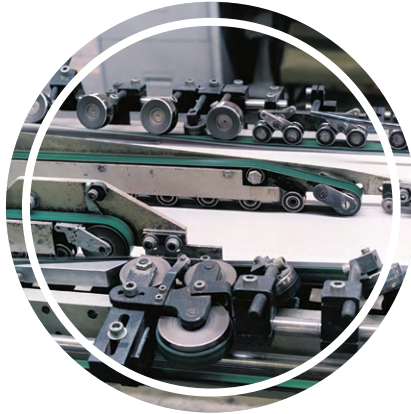
Our expertise enables optimal design, reduced lifecycle costs, and smooth, vibration-free operation, even at high speeds.

With a deep understanding of specific applications, we craft belts that meet unique needs, utilizing our extensive range of cover options to deliver the perfect solution.

Meeting the challenge

Habasit grabber belts are essential in applications requiring high friction, such as feeding or pulling tasks.

In the packaging industry, grabber belts are crucial components in vertical form fill-seal (VFFS) applications, particularly within the food sector. They are used to package products such as breakfast cereals, cookies, crackers, lettuce, and frozen chicken. VFFS machines operate at incredible speeds, producing hundreds of packages per minute. The key to this high-speed efficiency is the grabber or puller belts, which must have the perfect coefficient of friction for optimal performance – a quality that Habasit belts consistently deliver.



In folder-glueers, these belts offer a uniform wear surface and precise tolerances. Their high-friction material and endless design facilitate high-speed feeding efficiently.



Capper belts in the bottling industry employ our high-friction Habasit grabber belts to ensure a secure grip and proper sealing by the processed caps.



In the postal industry, grabber belts serve as pick-off belts, proficiently feeding envelopes into the sorting process.

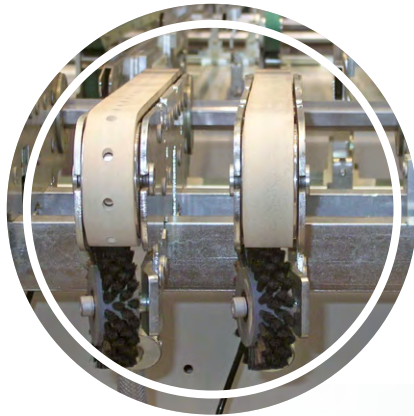
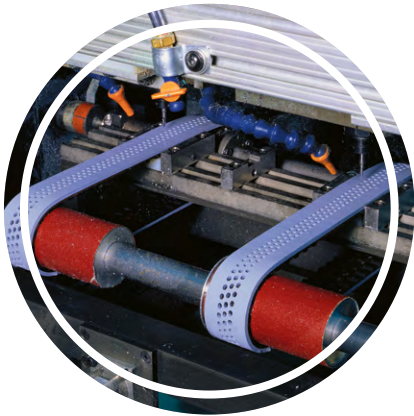


Our PLR (puller) series is essential in manufacturing wires, cables, hoses, and tubing. Additionally, it can be utilized for extruding a variety of products, including plastic profiles and moldings.

Fabrication and customization capabilities

Fabrication is vital for the final product, offering options such as punching, routing, milling, and slotting, tailored to the application's feeding requirements. Our product specialists are available to offer tailored recommendations for particular needs.

The materials used for grabber belt covers include natural rubber, neoprene, nitrile, EPDM, polyurethane, Hypalon, and specialized compounds.




Key product-related characteristics and benefits


- Various fabric and elastomer combinations
- Homogenous cover material for consistent friction
- Seamless cover for even wear
- No splice for increased reliability
- Non-glazing compound prevents slick surfaces
- Wide surface and traction options
- Smooth, quiet, vibration-free operation
- Minimal belt elongation, no tensioning devices or re-tensioning needed
- Adaptable properties to application needs
- Uniform feed and high reliability
- Long belt life, low maintenance costs, and no downtime
- Precise machining of holes, slots, and grooves ensures an excellent vacuum, enabling the belt to function effectively as a vacuum feeder belt




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