

<<Textile Industry Title>>

In modern textile machinery, nothing goes without belts. Proud of being the world's number 1 when it comes to belting, Habasit has been meeting customers' needs even before they arise. Because sixty years of experience can make you see the future. If you care. And at Habasit, we do.

Getting up there and staying at the top for decades goes beyond providing the best products for all applications. It lies in making customers come first. That is why we believe in partnership: in assisting, assembling and installation, monitoring, inspection and optimization proposals for both OEM and end users. Installing a production site using Habasit's products means allying with the strongest belting partner in the world. And to get your share of all our experience.

Belting the textile industry – and helping it boom

For two decades now, Habasit has been the world leader in manufacturing printing blankets. This outstanding position has its reasons. Habasit printing blankets provide outstanding repeat accuracy, perfect printing quality, long service life and high reliability. They are easy to join and install. And they are available all over the world. Anytime.

And even this is but a small share of what makes Habasit printing blankets the best you can get. In 1989, when Fernand Habegger, founder of Habasit, decided to produce printing blankets that were wider than all previously existing blankets, he did not respond to the market. He formed it. This drive for innovation has been the spirit of Habasit ever since. This agility and courage in creating and innovating have positioned Habasit where we are still standing now: At the very top of the belting world. Over 800 outstanding products form Habasit's palette, constantly trialed, tested, innovated and improved. If belting was a mountain, there would be a Habasit flag at the top.

Habasit produces a whole variety of belts for modern textile machinery. Indeed, Habasit features a specialized product for virtually every step of a textile production plant. And all of them are simply the latest and most reliable in the world.

High quality printing at lower costs – Printing Blankets that make ends meet

To begin with, let us have a look at the printing blankets themselves. Three different kinds are produced at Habasit today. Their outstanding quality, reliability and ease of installation as well as their high chemical resistance surface set a standard of their own. Their worldwide application proves this. ENU-20EXBD and ENU-20ELBD have a Polyester (PET) traction layer. They differ by thickness and the texture on the reverse side. ENU-20ELBD, for instance, with its low-noise fabric, is applied where there is a need for lowering the noise level on high-speed machines. The non plus ultra of the trio, however, is ENU-50AXBD, the premium product. Its Aramide traction layer guarantees even higher performance. This product is mainly requested for very long printing machines with more than eighteen printing stations with limited take-up availability. And now imagine these excellent products available in just one day, all over the world, tailored to your needs, up to a width of four meters.

Wherever you look in a production plant, you will find Habasit products: The new cross lapper belts ENB-6EE and ENT-6EE, for instance. Their outstanding resistance against abrasion and chemicals, the longitudinal flexibility and the low weight make these belts a top-class selection for high-speed machines, be it for horizontal, in- or declining applications. Or the Polyester spindle tape W-8 with its thermoplastic Polyurethan (TPU) surface and the

Polyester power transmission belt TC-20/25EF for extraordinary results in yarn processing, both of which are designed to cut power consumption to a mere minimum, which they do: they consume up to 8% less power compared to conventional Polyamide products. Just one example to make this even more clear: The W-8 spindle, due to its lower bending resistance, saves around 8% of the ring frame motor energy consumption. That makes up for an estimated 15KWH a year per spindle. Imagine the costs you could cut if the whole of your production site was driven by Habasit products. As Franco Oetterli, Manager SBU Textile&Wood says: „The investment in a Habasit system saves in-operation energy costs for 5-10% and provides a longer service life, which minimizes the total life cycle cost“.

And we have not even started on the new Polyester TC OE rotor belt, Habasit's prime open-end belt for high-speed rotor spinning OE machines at speeds up to 150,000 rpm, saving 5-8% of energy consumption while providing highest standards in accuracy, service life and maintainability. Habasit products indeed leave no room for open questions. But lots for appreciation and awe.

A new standard again – HabasitLINK outshines the world of plastic modular belts

Just recently, we have released a truly singular modular belt, unlike anything which has existed until now. A true new standard, the HabasitLINK Micropitch features the smallest pitch ever seen on the market, specially designed for tightest and smoothest transfers to ensure stability of tall and small footprint products.

Until recently, nose-to-nose clearance with plastic modular belts has been limited by belt design and the diameter of the nose bars. Typically, modular belts 0.5in. (12.7 mm) pitch require a nose bar diameter of $\frac{3}{4}$ " (19mm), which means a minimal clearance between nose bars of 0.87in. (22 mm). Now by combining a new belt design and a nose bar diameter of 0.28in. (7mm) spacing between belts can be reduced to 0.55in. (14mm). Because the pitch of this belt is reduced to 0.315in. (8mm) the potentially damaging polygon effect is likewise greatly reduced. This new design provides benefits to the manufacturing process by enabling smooth and tight transfer, improved tracking, and product stability while allowing smooth running and smallest gap.

So far so good. But HabasitLINK belts are far more advantageous than this:

- Smooth surface - stable transfer: Best grip top modules on the market and the strongest connection between module and rubber, thanks to innovative mould solution (patented)
- Reliable product transfer, especially for incline / decline applications
- Small nosebars allow narrow gap transfers between different conveyor modules
- High temperature sustainable belts: the only suitable plastic modular belts for use in shrink tunnel applications, thereby avoiding black specks and heavy dead weight of wire mesh conveyors
- Strongest belts on the market: Suitability for pallet handling, high reliability and a high factor of safety
- Full range of Roller Top belts: Accumulation, transversal loading
- Fast and easy repair and thus downtime reduction

Add these to increased productivity of the whole production line, massive waste reduction, lower energy consumption, higher safety for operators and you get a truly masterful piece of innovation.

A true one-stop-shop with the broadest range of belting products

Habasit, headquartered in Switzerland, is the leading company world-wide for conveyor and processing belts and power transmission belts for the food, textile, wood, paper, postal materials handling and automotive industries. The extraordinary range of products includes fabric-based conveyor belts, plastic modular belts and chains, power transmission belts, timing belts as well as gearmotors.

But the best products are nothing without support. A world-wide network with hundreds of local distribution and service associates in over 70 countries provides the fastest support you may wish for. For high-tech products like printing blankets, for example, we have devised a widespread network of local fabrication centres, based on our own affiliate companies which can rapidly cut to size the required printing blanket from coils of material manufactured and shipped from Switzerland, supporting the company to make further inroads into the most important textile industry markets. So on-site installations with the well-known Flexproof joining system, new products, the replacing of belts and blankets tailored to your size, optimization of your production site by our technicians are but a phone call away. Whenever you need it, wherever you are. Because our customers' success is the grounds for being a true world's number one.

The perfect partner – in the past and way into the future

Habasit invests intensively, more than four times as much as the next competitor over the last years, to grow its market share which is essential to securing its leading market position. It continuously sprouts new products and develops new technologies in order to offer superior solutions to meet customer requirements.

Due to our ability to react and provide superior solutions to customers on a global scale anywhere and anytime, Habasit is the preferred supplier of leading international companies, many of which are present in Asia and particularly in China.

The supreme quality and reliability of Habasit's products and support are but one side of the gold medal. We are in today's position for a ever-committed and skilled team of international staff to implement group strategies and policy. Habasit has always focused on the empowerment of local specialists, knowledge of the cultures where markets flourish and the local way of conducting business. This is extremely important for listening to and realizing customers' wishes and needs all over the world. And at the same time we have the infrastructural basis for coming up with the best solutions to meet these needs, tailor-made for full satisfaction. Every challenge is a chance. Fulfilling the needs, at Habasit, is custom. Exceeding it is our goal.

So opting for belts and printing blankets by Habasit is truly allying with the strongest partner you can possibly get. At Habasit, we believe in partnership. Competent consulting. Hassle-free delivery and the most accurate installation are but a start. We are there whenever you need us. Our products are designed to make your business flourish.

The Habasit Group – Facts and Figures

Habasit is present with 34 affiliated companies, as well as numerous service centres around the globe, thus allowing the company proximity to its customers. 3,500 employees provide customers with expert advice, products of highest quality and the entire range of tailor-made solutions.

Habasit is a family-owned joint stock corporation and was formed in 1946. In 2006, it increased turnover by almost 14% to CHF 711 million (US\$ 567 million/€ 452 million) while investment rose by 304% to CHF 155 million (US\$ 127 million/€ 96.5 million).

We at Habasit care for improvement. A running system is one thing. Tailor-made belting products by Habasit go further. To provide all-in-one solutions that work even better. Habasit means best products, optimal processing and a global network of over 300 partners to ensure the fastest support and service you may wish for.