

Features and benefits of Habasit feeder and delivery belts

Please contact your local Habasit representation for further information:



Who is Habasit? Habasit – The No. 1 Belting Company

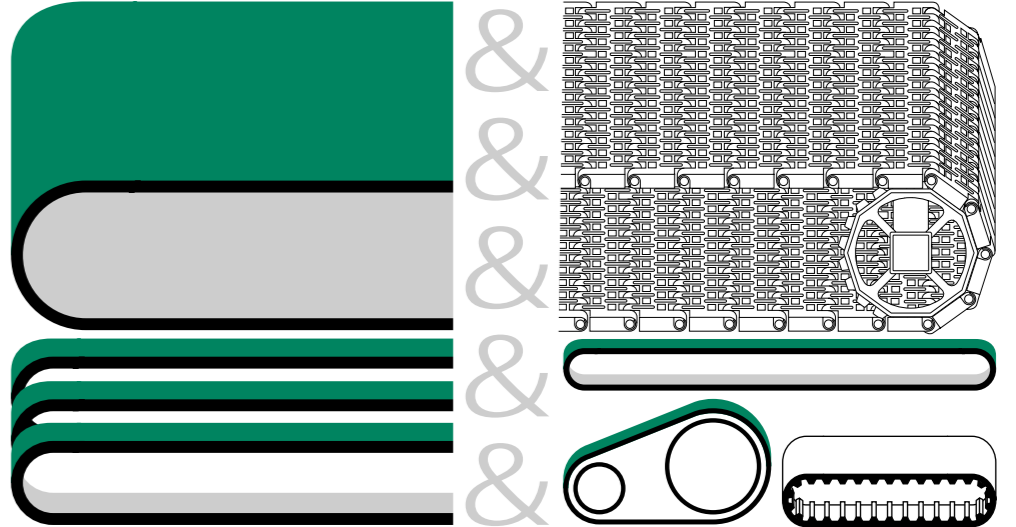
Some reasons to choose Habasit as your belting partner

1 Experience

Habasit was founded in 1946 and has accumulated more than 50 years of belting experience backed by our own state-of-the-art engineered processing machinery. Production at Habasit is maintained by well trained and committed teams. Our activities are supported by in-house Research & Development teams and aim at excellence in application and customer-oriented solutions. We have extensive experience in most industries including textile – food – materials handling – printing & paper – wood – aluminium – glass – metal working – canning – bottling – automotive – electronics – business machines.

2 One partner – one source

Habasit – one partner for all your belting needs such as traditional conveyor and processing belts – modular belts – machine tapes – seamless belts – power transmission belts – timing belts – round belts etc.



3 Worldwide service

Habasit's engineering, consulting and service network extends worldwide with local distribution and service associates in more than 70 countries.

www.habasit.com



4 Quality

Habasit has been certified according to the ISO 9001/EN 29001 quality standards since 1987.

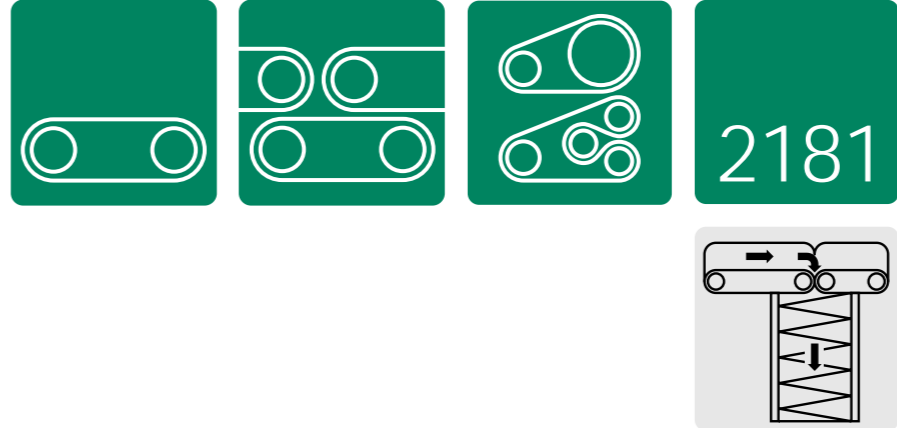


5 Specialization

Habasit – the specialized and leading belt supplier for the nonwoven industry.

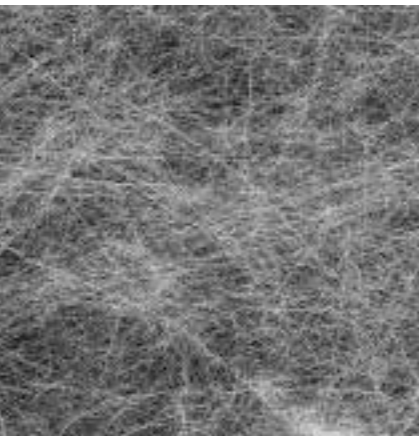
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Application brochure



Nonwoven industry

Habasit conveyor and processing belts for the nonwoven industry



Antriebs-, Transportelemente
Eléments de transmission, de transport
Power transmission, conveyor belts
Elementos de transmisión, de transporte
Elementi di trasmissione, di trasporto
Elementos de transmissão, de transporte
Aandrijf-, transportelementen
Transmissions-, transportelement
Voimansiirto-, kuljetuselementit
Kraftoverførings-, transportelementer
動力の伝達及びコンベヤーの原理

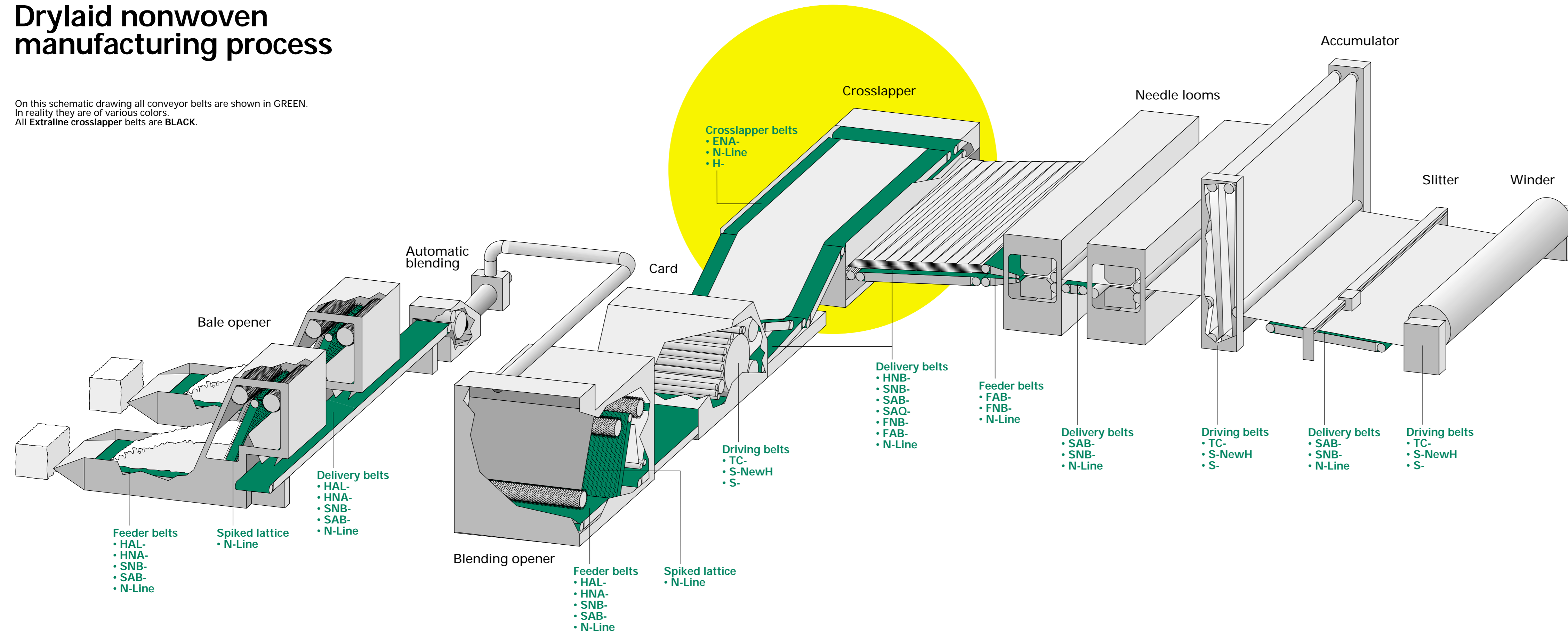
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Features	Customer benefits
	<p>Permanently antistatic belts available</p> <ul style="list-style-type: none"> • No sticking of fibers • No build-up of electrostatic charge • Less dust, fiber fly and dirt attraction ⇒ Process reliability ⇒ Safe and economic production (output)
	<p>Dimensionally stable</p> <ul style="list-style-type: none"> • No re-tensioning ⇒ No downtimes ⇒ Reduced maintenance
	<p>Longitudinal flexibility</p> <ul style="list-style-type: none"> • Suitable for small pulley diameter • Suitable for nosebar ⇒ Compact machine design (design freedom) ⇒ Long service life ⇒ Low energy consumption
	<p>Wide range of types and surface structures</p> <ul style="list-style-type: none"> • The right conveyor belt for each application ⇒ One source and one competent belting partner
	<p>Simple and fast joining method</p> <ul style="list-style-type: none"> • Easy handling • Adhesive-free joining • On-site installation ⇒ Short machine downtimes
	<p>Extra-wide belts without longitudinal joining (4 m)</p> <ul style="list-style-type: none"> • Identical belt properties across full width ⇒ Optimal function

Drylaid nonwoven manufacturing process

On this schematic drawing all conveyor belts are shown in GREEN.
In reality they are of various colors.
All Extraline crosslapper belts are BLACK.



Features and benefits of Habasit crosslapper belts

	Features	Customer benefits
	<ul style="list-style-type: none"> Conductive belt surface Excellent release properties <p>Surface resistance Conductive belt $R_0 < 10\,000\ \Omega$ (Ohm) Non conductive belt $R_0 > 1\,000\,000\ \Omega$ (Ohm)</p>	<ul style="list-style-type: none"> Suitable for all man-made fibers No sticking of fibers (fiber fly) ⇒ Trouble-free/reliable production (high output) ⇒ No tearing of web
	<ul style="list-style-type: none"> Low belt weight ($1\text{ m}^2 < 700\text{ g}$) 	<ul style="list-style-type: none"> Less belt mass Less belt sag ⇒ No elongation of web ⇒ No accumulation of web Suitable for high speeds and rapid acceleration ⇒ No tearing of web
	<ul style="list-style-type: none"> High grade TPU combined with highly cross-linked polymer surface 	<ul style="list-style-type: none"> Chemical resistance to sizes Non-brittling/ageing of surface ⇒ No penetration into belt ⇒ No swelling ⇒ No tow formation of fibers ⇒ Optimal function ⇒ Long belt-life
	<ul style="list-style-type: none"> Dimensionally stable Lies perfectly flat 	<ul style="list-style-type: none"> Constant belt and operating conditions ⇒ No elongation, no slip, no creep, no re-tensioning ⇒ No folding or over-throwing of web ⇒ Safe production (high output)
	<ul style="list-style-type: none"> Homogeneous and flexible joining Simple and fast joining method 	<ul style="list-style-type: none"> Identical properties, equally flexible as the rest of the belt ⇒ Consistent operational safety Joining on the crosslapper ⇒ Short downtimes

Remark

These schematic drawings show a number of typical applications. Of course, Habasit products are also suitable for a large variety of further applications. The belt recommendations above can only be regarded as general suggestions. Due to the complexity of the various technical requirements and decisive external factors (e.g. minimum diameter, speed of operation, type and fineness of fibers), there is a large variety of possible solutions. It is impossible to list all suitable belt types for each application. It is also possible that another Habasit product which is not mentioned in this brochure will meet your requirements. Please ask your local Habasit representation → www.habasit.com