

PRESS RELEASE



Tire Technology Expo 2019/ Material flow/ Intralogistics/ Drive and conveyor technology/ Machine elements

When time matters

Tire Technology Expo 2019: Habasit presents time saving fastener for its wide timing belt

At the Tire Technology Expo in Hall 20, Booth 3038, Habasit will be presenting its HabaSYNC® wide timing belts with the patented mechanical polyamide (PA) Hinge Joint. This enables a fast and uncomplicated change of the timing belt and reduces machine downtime by up to seven hours in tire building machines. The staffing for these tasks also drops significantly. At up to 600 millimeters in width, Habasit's belt is the widest on the market, and offers significant quality and production improvements in two key tire manufacturing applications: slitting lines and tire building.

Reinach/Switzerland, February 2019 – Automobile manufacturers are installing wider and wider wheels and tires. What the driver wants has a profound effect on the production of tires - up to the transport tasks: In the past, several synchronized single belts in parallel, or belts joined longitudinally, were used. With the HabaSYNC® wide timing belt, Habasit now offers a belt type that copes better with these challenges and meets the high demands of the tire industry. With a width of up to 600 millimeters, they are currently the widest available in the timing belt market. Tire manufacturers can now easily and precisely transport even the widest components to the tire wrapping process (tire building).

The wide timing belts are supplemented with the mechanical joining system PA Hinge Joint, which enables quick assembly. It uses high-strength polyamide with a single metal pin, and is completely integrated into the timing belt.

Downtimes for necessary belt changes or maintenance and repairs to the system are, therefore, significantly reduced, costs are reduced and thus the efficiency in production is increased. Trade fair visitors to the Tire Technology Expo in Hanover will be able to see for themselves the advantages of the wide timing belt with mechanical joining from March 5 to 7, 2019 in Hall 20 at Booth 3038.

High-quality belt material and fabrication options

The timing belt is made of a unique polycarbonate-based TPU material that offers excellent resistance, not only to the rubber being conveyed, but also to oil, grease, and a wide range of chemical agents, thus ensuring a long belt service life. This feature is particularly important for tire applications using uncured rubber, which contains numerous chemicals.

The wide timing belts for tire manufacturing usually have a T10 gauge made from TPU with a shore hardness of 92 A. Other types, such as H pitch, are available on demand. The belts are reinforced with aramid cords.

Habasit's wide timing belts for the tire industry can be ordered with polyamide fabric on the tooth side, running side or both, to reduce the coefficient of friction and keep the belt running smoothly, or to ensure easy release and keep wear to a minimum. As usual for Habasit belts, they can also be individually fabricated using milling, perforations, covers, or profiles to meet particular application requirements. The TPU belt material is available so far in white or black.

Big belting portfolio with experience

Habasit has extensive experience in the tire industry and offers a broad and deep portfolio of fabric-based conveyor belts, plastic modular belts, as well as timing belts to OEMs and end users, which meet their most demanding application needs. These belts will also be presented during the Tire Technology Expo 2019 in Hannover.

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About Habasit

Habasit strives to help customers in improving the reliability, quality and productivity of their equipment and processes, providing them excellent conveyor and power transmission products, systems and services. Established in 1946 in Basel, Switzerland, the family-owned company has a global presence in over 70 countries with more than 3.800 employees in affiliated companies and service centers worldwide. Habasit provides customers with highest quality products and comprehensive, tailor-made solutions from the extensive range of fabric-based conveyor belts, plastic modular belts and chains, power transmission belts, monolithic and timing belts.

For further information, please visit www.habasit.com.

Information for editors: Press releases and photos are available at www.pr-box.de/en

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