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| |  | | --- | | press release | | page 1 of | |  | | **Prosan**TM **Conveyor Belts for Safe and Hygienic conveying** | |

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Hanover, February 14, 2017 – New Forbo Movement Systems ProsanTM conveyor belts actively support hygiene concepts in the food industry.

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In meat and poultry processing, as well as the dough-processing, confectionery or dairy industries, the new ProsanTM conveyor belts are exceptionally safe options for all unpackaged food in hygiene-critical areas.

A key advantage of Forbo Movement Systems’ ProsanTM belts is that the belt is protected on both sides. The belt is coated on the top and bottom to ensure that oil, grease, moisture or other types of contamination can’t penetrate the belt. All ProsanTM belts are Frayfree (FF) types so that it’s virtually impossible for belt edges to fray. A special type of fabric and weave, as well as an enhanced filament length, protect the edge of the belt. The SmartsealTM option provides extra sealing so that the belt is completely enclosed and fully protected. The patented SmartsealTM method is suitable for sealing a wide range of belt thicknesses and thanks to superior flexibility the belts can also operate over knife edges.

**Low friction coefficient ensures cost-efficient operation**

Another special characteristic of ProsanTM belts is the innovative pattern on the underside called broken twill (BT). The advantage of this underside pattern is its low friction coefficient towards the slider bed and the fact that it’s easy to clean. A patent is pending on this special pattern.

**Small reversing drum diameters of just 10 mm**

The ProsanTM conveyor belts have very flexible tension members. Small end drum diameters of just 10 mm are possible despite the polyurethane coating on both sides. As a result, these belts are a hygienic alternative to belts coated on one side where contaminants could penetrate the belt from the fabric on the bottom.

Four ProsanTM belts in Frayfree designs are available for the European and American markets. Alongside MHLW 370, they also comply with EU 10/2011, EG 1935/2004 and FDA 21CFR requirements. Four further hot water belt types were also developed especially for the Japanese market. A special urethane coating makes these belts able to withstand hot water (HW) – even up to 120°C for short periods of time.

Forbo Movement Systems employs more than 2,000 people globally in nine production sites and 25 international companies. Forbo Siegling belts made of synthetic materials are used in nearly all industries, but also in the retail and services industries. Key competencies are the food and packaging industries, logistics and airports, as well as paper, print and raw materials industries. Movement Systems (formerly Siegling) was founded in 1919 in Hanover, Germany.

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