PROSAN™ CONVEYOR BELTS FOR SAFE AND HYGIENIC CONVEYING

PROSAN™卫生安全始终如一

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

汉诺威，2017年2月14日- Prosan™ 福尔波西格林传送系统新开发出一款在食品行业中积极支持卫生理念的新产品。  
  
In meat and poultry processing, as well as the dough-processing, confectionery or dairy industries, the new Prosan™ conveyor belts are exceptionally safe options for all unpackaged food in hygiene-critical areas.

新产品Prosan™输送带在所有裸包食品加工工序关键段都是特别安全的选择。这包括在肉禽加工、面团加工、糖果及乳制品工业等加工生产中。

A key advantage of Forbo Movement Systems’ Prosan™ 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 Prosan™ 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 Smartseal™ option provides extra sealing so that the belt is completely enclosed and fully protected. The patented Smartseal™ method is suitable for sealing a wide range of belt thicknesses and thanks to superior flexibility the belts can also operate over knife edges.

最关键的优势是，福尔波西格林Prosan™输送带是两面涂层。此款输送带上下两面都保证了油污、油脂、水分和其他污染源不能侵蚀带体。所有Prosan™输送带的Frayfree （FF）型号产品的边缘都不易起毛。特殊的织物、织法及经改善的纤维长度保护了皮带边缘。备选的Smartseal™皮带提供了附加封边以保证皮带完全被隔绝，对皮带具有全方位的保护。专利产品Smartseal™方法适用于各种厚度的皮带很广泛，得力于皮带的灵活性也可以过刀口。

Low friction coefficient ensures cost-efficient operation  
Another special characteristic of Prosan™ 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.

经济运行的低摩擦系数

Prosan™的另一个特殊特点是滑床摩擦系数极地且易于清洁的新式底面破斜纹(BT)设计正在申请专利中。

Small reversing drum diameters of just 10 mm  
The Prosan™ 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.

辊筒直径小至φ10毫米

Prosan™皮带的受拉构建非常灵活。尽管皮带两面均匀涂以聚氨酯涂层，但将滚轮直径缩小至φ10毫米仍是可行的。因此，相对于不卫生的单面涂层皮带，Prosan™是一个更卫生安全的选择。

~~Four Prosan™ 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.~~