

Posa Machinery Company precision spindle builder

POSA Machinery CO.,Ltd develops and manufacture precision spindles for machine tools, such as CNC cutting, surface grinder, CNC turning, Horizontal Boring, Milling Machine, CNC machining center and Engraving machine.

Much of their advanced technology is drawn from an internationally well known Japanese partner, combined with knowledgeable team based in Taiwan. These machines tools provide the users everything needed to increase productivity and lower costs.

Further information: www.poso.hdv.tw

Ingeo™ Fibers to be made by Trevira

NatureWorks LLC - manufacturer of Ingeo™ polylactide biopolymer has licensed Trevira GmbH to manufacture Ingeo fibers.

According to Eammon Tighe, NatureWorks' European business manager for fibers and nonwovens, European Union converters, brand owners and retailers have shown considerable interest in using locally sourced, low-carbon-footprint fibers and nonwovens for apparel, household, technical textiles, and personal care products. The company reports that manufacturing of its Ingeo fibers, which are made from renewable plant materials, emits up to 85-percent less greenhouse gas and uses 69-percent less energy than manufacturing of traditional polymers.

"Because of its technical expertise, exemplary reputation, capability to shorten time-to-market for custom products, and range of product offerings, Trevira is the ideal company to provide Ingeo fibers to a diverse base of European Union fabric producers, converters, and brand owners," Tighe said.

"Expanding our portfolio of product offerings with a cost-competitive and versatile fiber like Ingeo is both a growth strategy and the next step in our company's sustainability journey," said Günter Wittmann, director of sales and marketing, staple fibers, Trevira. "This close cooperation fits perfectly into our strategy of offering specialty and customized fibers. Leadership in quality and product development relies heavily on strong partnerships."

Trevira is a manufacturer of polyester fibers and filament yarns for apparel, home textiles, automotive, hygiene and technical applications.

NSC nonwoven and Fibertex partnership with nonwoven lines in South Africa and Czech Republic

In 2010, Fibertex established Fibertex South Africa (Pty) Ltd. together with Safyr (South African Fibre Yarn Rugs Pty Ltd.) a local South African partner. The company was active in the manufacture and marketing of needlepunched products. The manufacturing plant located near Durban has a high-tech, state-of-the-art and competitive production system with a view to make primarily geotextiles for road works, but also products for the growing South African automotive industry. Furthermore, the new nonwoven facility will also target applications in many industrial applications such as furniture, bedding, filtration and the automotive industry.

For its South African operation, Fibertex has purchased a new needling line from NSC nonwoven. The wide production line includes the weight ProDyn® control system with card, crosslapper, drafter and needlelooms. During the recent IDEA show in Miami, Fibertex finalized the purchase of another ProDyn® line from NSC nonwoven together with needleloom equipment for its plant in the Czech Republic. This is the fifth ProDyn® line for the Fibertex group. The investment also features the IsoProDyn® system for ideal tensile strength uniformity across the fabric width.



Signature ceremony for the fifth ProDyn® unit. Joergen Bech Madsen, C.E.O. of Fibertex with Johannes Haep, C.E.O. and Jean-Philippe Dumon, Sales and Marketing Director from NSC nonwoven.

Nanotechnology for sustainable manufacturing

Reducing energy use and decreasing operating expenses has become a top priority for many companies around the world. As the world economy slowly climbs out of the depths of the recession, there is a newfound commitment and urgency to save money through increased energy efficiencies to improve the bottom line. While companies are struggling with lower budgets to institute these energy efficiency measures, they are also reaping rewards by courting investor and consumer loyalty through Sustainability Programs and initiatives for which our planet has now become the favored "charitable" donee.

Nanotechnology holds the answer to the challenges facing today's companies for reducing energy costs.

Industrial Nanotech, Inc., a company that specialized in developing sustainable nanotechnology based solutions designed to save energy and protect assets, has created a solution to reducing energy costs that is both affordable and easy to implement. The patented product line called Nansulate® consists of coatings that utilize a nanotechnology-based material that gives them the ability to insulate, prevent corrosion, and provide UV, moisture and mold resistance in an easy to apply paint format.

The substantial energy savings that has been seen by those that use the U.S. made

Nansulate® products. One manufacturer of textile products saved \$460,000 in energy costs in 2008 and reduced liquid natural gas use by 20%, directly attributed to insulating their equipment with the coatings. Other companies, such as Cornwell Quality Tools, have used the coatings to insulate their building envelope, increasing energy efficiency by simply painting on the insulation.

For more information on Industrial Nanotech and Nansulate® thermal insulation and asset protection coatings, visit www.nansulate.com.

Reifenhäuser expands its portfolio

For many years, Reifenhäuser has been the majority shareholder of Reimotec GmbH, Abtsteinach, the world market leader in extrusion lines for the production of technical monofilaments, artificial grass and strapping tapes, via Reifenhäuser GmbH & Co KG Maschinenfabrik, Troisdorf.

As from July 1, 2010, Reifenhäuser shall acquire all shares from the current co-shareholder, the Morton-Finger family. The same applies for the Motech GmbH company, Abtsteinach.

This is a further logical step Reifenhäuser is taking in its strategic orientation towards the extrusion machinery manufacture - in this case for monofilaments, artificial grass and strapping tapes, in particular. ♦