

Cinte Techtexil China is the ideal trade fair for technical textile and nonwoven products in Asia. This year the fair welcomes **Dilo Systems GmbH** from **Germany** to showcase their **complete production lines for staple fibre nonwovens**.

(Detailed product info featured on page 2.)

“Cinte is one of the most important fairs in the nonwovens business in China. Most of our customers have their own booth or visit this fair. In the fair we do hope to get new inquiries, keep contact with our customers and get new market information.”

J. P. Dilo, General Manager



Dilo Systems GmbH

at Cinte Techtexil China 2020
Visit them at Hall **E1 - C12**

Company website: www.dilo.de

Dilo Systems GmbH

Dilo Systems is part of the DiloGroup which supplies complete production lines for all nonwoven fabric technologies which employ staple fibre.

A range of equipment is engineered for fibre opening/blending, web formation by carding or airlay, subsequent crosslapping and needlepunching as determined by fabric characteristics and application.

Potential fabric uses can be either disposable or durable ranging from geotextiles, automotive, filtration, synthetic leather and papermaker's felts to cosmetic, medical and hygiene.

Dilo's view on the China market

"The nonwovens industry in China is transforming from low quality to value added products, from less efficient to high capacity lines. The demand for high quality and high capacity, energy-saving machinery is increasing. Among all nonwovens products the market for filter fabrics, hygiene products and geotextiles will be enlarged above average."

J. P. Dilo, General Manager

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ENGINEERING FOR NONWOVENS



Cinte Techtexil China
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Centre, China

Novelty nonwoven production lines: 3D-Lofter, card feeder FRS-P, highspeed crosslapper HyperLayer NT

3D-Lofter

Dilo's 3D-Lofter allows a single web forming unit to position fibres in a controlled manner at any place in the felt plain, to form with this "3D-fibre topology" technical, stress-related parts. In numerous fields of application, which use nonwovens as ready-to-use parts, 3D varied, controlled fibre mass distribution allows weight and fibre cost reduction.

Card feeder FRS-P

The modified vibration chute feeder FRS-P combines at a reduced height a fine opening stage and material box, which results in reduced work for the subsequent card. At the same time due to the improved preopening degree a better dosing in longitudinal and cross direction is possible which leads to improved homogeneity of mass in the web. The VQC card offers many configuration variants that cover all demands of web forming including random card technology.

HyperLayer NT

The latest version of the HyperLayer crosslapping technology realizes high precision layering technology at highest speeds. Even at a relatively small layering width of 4 m, high web infeed speeds of around 200 m/min are feasible. The focus on HyperLayer as the web forming component for modern hydroentanglement production lines was once again put into public interest.

Smart industry using I4.0 modules in production lines

The DiloLine 4.0 concept offers I4.0 modules which not only support the user but also facilitate quality control and maintenance by maximum data transparency in production and control of operation. The Dilo solutions Smart Start for a fully automatic start of the production line or DI-LOWATT for energy savings are accompanied by Siemens solutions which can be selected via App or Data Cloud MindSphere.

I4.0 modules are also incorporated in the efficient fibre preparation with further developments and modifications to improve operation of the bale opener (fast fibre changeover), carding willow and fibre dosing.



Meet Dilo Systems GmbH at Cinte Techtexil China!

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