

## Dornier highlights weaving machines for technical textiles

The Lindauer Dornier GmbH has always been aware of the importance of technical textiles and has developed their weaving machines for this sector. Dornier is a pioneer in the market for airbag weaving as well as for manufacturing reinforcement fabrics made of carbon, glass and aramid. Dornier will be present at the Techtexsil in Frankfurt during June 16 - 18, 2009, Hall 3.0, Stand D01.

The immediate answer to the market trend towards larger fabric widths has at first been the 540 cm wide air-jet weaving machine for cost-effective production of, for example, screen fabrics, spinnaker sailcloth and coating fabrics such as airbags and geotextiles. The next giant step forward is the versatile and extremely robust Dornier rapier weaving machine offered in a new width dimension. The open shed weaving technology on Dornier rapier weaving machines allows processing coarse and heavy yarns that cannot be used by the filling insertion systems on any other conventional weaving machines.

New developments on the Dornier rapier weaving machine attain ideal fabric quality, an imperative demand especially for final users manufacturing technical fabrics such as aramid, carbon and glass, combined with minimum waste and highest production speed. Reduced waste and a lower level of seconds will amortize your investment in a Dornier weaving machine in a short time especially when using expensive yarns such as carbon and aramid.

The unique advantage of the Dornier rapier weaving machine and its heart, the

positive controlled rapier head, is that it can process practically any material that can be wound on a bobbin. The machine produces fabrics reliably, cost-effective and without faults, from the finest wire (0.012 mm) or monofilament (11 dtex) up to 50K carbon or BCF yarn (Nm 0.5), with a single filling or with 5-fold multiple filling insertion, in a single layer or up to 8 layer fabrics.

To have a direct look at the manifold options of Dornier weaving machines straight after the Techtexsil, customers are invited to Dornier Customer Information Days from June 8 to July 10 in Lindau, Germany. Besides the proven Dornier weaving machine technology, the visitors can see a new generation of rapier and air-jet weaving machines with completely new developments in the control and drive technology.

### Dornier weaving machines

- ❖ Save waste and weave ballistic fabrics, carbon and glass fibers (Prepregs) or airbags with highest quality and speed.
- ❖ Robust and stable machines for manufacturing multilayer conveyor belt fabrics.



Dornier weaving machine, type PS, 220 cm wide, to manufacture ballistic fabrics)

- ❖ Weave high density fabrics from natural fibers such as flax or cotton as well as screen and filter material fabrics with strong reed impact through gears mounted on both sides.
- ❖ The machines are wide and suitable for all yarns when producing reinforcement fabrics and geotextiles.
- ❖ Weave slip resistant leno fabrics such as glass mesh, carpet backings and gomesch.
- ❖ Works exactly for defined dense fabrics such as precision fabrics or spinnaker sailcloth.

Courtesy:Lindauer DORNIER GmbH.◆

## Messe Frankfurt launches Texprocess - for latest machinery, plant, processes and services

Messe Frankfurt will launch Texprocess, the new leading trade fair for the sector, in Frankfurt am Main. "As the investment-goods fair for the textile and fashion industry, Texprocess will be the meeting place for over 500 exhibitors and around 25,000 visitors from all over the world", explains Detlef Braun, Member of the Board of Management of Messe Frankfurt. Texprocess will make its debut from 24 to 27 May 2011 and take place parallel to Techtexsil, the international trade fair for technical textiles and nonwovens, which has been well established in Frankfurt for several decades. From then on, Texprocess will continue its biennial cycle of events alongside Techtexsil thus creating a potent duo of leading international trade fairs with approximately 1,700 exhibitors and around 50,000 visitors from 120 nations.

On around 80,000 square metres of exhibition space (gross), the new leading international trade fair, Texprocess, will present the latest machinery, plant, processes and services for manufacturing textiles and other flexible materials. Texprocess is aimed at an audience from the industrial fields of garments manufacturing, textile processing, technical textiles, trade, services, research and training. As on the exhibitor side, over 50% of the 25,000 visitors expected are likely to come from outside Germany.

Detlef Braun: "Texprocess is an uncompromising step forward in our international strategy with which we will further extend our market leadership in the textile sphere. With over 30 events

worldwide, we now cover the entire process chain from materials and fabrics, via fashions and garments, to the vital technology fair for processing and care." In the textile sector, Messe Frankfurt is the world's market leader with a unique portfolio of fairs for home and contract textiles (Heimtextil), technical textiles (Techtextil), garment fabrics (Intertextile, Texworld, Interstoff Asia) and machinery, plant and technology for the sector (Texprocess, Texcare). The textile and investment-goods fairs are highly international events. They cooperate with first-class partners from the fields of industry, trade, fair and exhibition business and commercial policy and their success is based on the biggest worldwide network of experts from the sectors concerned.

Thus, holding Texprocess parallel to Techtexsil means more than just a new fair. Rather, the result is a textile powerhouse in Frankfurt – two leading international trade fairs at the same time and place, which will generate unique synergies at a stroke., e.g., manufacturers have the chance to make contact with twice the number of potential customer while visitors benefit from a much bigger and optimised range of products and services – all coupled with reduced costs in terms of time and travel. Additionally, this will open up new internationalisation perspectives for Frankfurt Fair and Exhibition Centre, for the new Texprocess trade-fair brand and for the entire textile and technology division of Messe Frankfurt.◆