

BRÜCKNER presented new products, efficient machinery and intelligent solutions

Under a motto "Connecting the future" Brückner presented a wide range of application examples for Technical Textiles which can be finished on the tailor-made and resource-saving Brückner machines. A great number of special machines for very specific purposes showcases the competence of the Brückner team during Techtex^{til}.

The Southwest of Germany is a center for technical textiles which amount to about 50% of the textile production. The family-owned company BRÜCKNER, managed in the second generation by the owner Regina Brückner together with her husband Axel Pieper, is just in the right place based at Leonberg in Swabia and Tittmoning in Bavaria. The proximity to textile research institutes such as the ITV in Denkendorf allows many joint projects and developments which are used in the special machines made by BRÜCKNER.



Entry in a BRÜCKNER geo nonwovens line with seven metres working width.



BRÜCKNER ECO-COAT minimum application coating unit for technical textiles.

The product examples presented at the booth were the subject of intense discussions with the Brückner experts. The models of a SUPRA-FLOW BX double belt oven for nonwovens and of the innovative ETRO bow-shaped dryer which is particularly suitable for the coating with PVC or adhesives show only two of the machines offered by Brückner for the finishing of nonwovens and foils.

In addition, Brückner offers very different application systems for the coating of technical textiles and one of them is the ECO-COAT minimum application unit. At the Technology Center at Leonberg the customers can develop their own innovations on different machines.

Furthermore, padders, drying, heat-setting and curing ovens with maximum production capacity and lowest possible energy consumptions and the highest precision in the temperature distribution and air circulation are part of BRÜCKNER's product range. Various cutting and winding machines to give a shape to



Ms. Regina Brückner, "Technical textiles finished on BRÜCKNER machines stand for a sustainable improvement of the production and a particularly efficient use of the resources."

technical textiles of any kind complete the product portfolio.

Some examples for the final applications processed the Brückner finishing lines include: Woven glass fabric for circuit boards, carbon textile for textile-reinforced concrete, linings for walls and roofs in the field of automotive and aerospace, airbags, high-tech filters for the medical industry, hygiene articles and geo nonwovens for bank reinforcements. ♦

Technical Textiles with focus on their use in space

BRÜCKNER also organized a talk by Prof. Dr. Ernst Messerschmid at Techtex^{til} at its located hall 3.0.

Prof. Dr. Messerschmid is member of the Cluster Technical Textiles Neckar-Alb with more than 50 companies and scientific organisations gave a presentation about Technical Textiles with focus on their use in space. In 1985, Prof. Dr. Messerschmid holding a PhD was member of the "Challenger" space shuttle team. In November 1986, he accepted an appointment as professor at the University of Stuttgart and became Director of the Institute of Space Systems (IRS).

Among many other tasks he was in addition from 1989 on during 10 years spokesman of the special field of research "High Temperature Problems of Reusable Space Vehicles".

Prof. Dr. Messerschmid published about 150 scientific papers, he is co-author of several books and holds various patents. He earned the Cross of the Order of Merit of the Federal Republic of Germany and several other medals and scientific prizes. Since 2004 he is a member of Leopoldina, the German National Academy of Sciences and one of the oldest academies of science in the world. ♦