

Press release

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Textiles: high tech from materials to machines

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Textiles are to be found in almost every part of everyday life. From tomorrow, the biggest ever editions of the world's leading international trade fairs for the sector, Techtexsil and Texprocess, will be spotlighting the functions of textiles, especially technical textiles, and ways in which textiles are processed at Frankfurt Fair and Exhibition Centre.

Transport pods for the Hyperloop, textile room installations, intelligent fashions and 3D avatars that try on garments: from 14 to 17 May, Techtexsil and Texprocess in Frankfurt am Main will reveal where technical textiles are to be found in everyday settings and how textiles are processed. The leading international trade fairs for technical textiles and nonwovens and for the processing of textile and flexible materials will bring together a total of 1,818 exhibitors from 59 countries: 1,501 from 57 countries at Techtexsil and 317 from 34 countries at Texprocess. Thus, the two trade fairs will be opening their doors tomorrow on their biggest ever editions.

“Throughout Europe, technical textiles are one of the biggest sectors of the textile and apparel industry and thus a decisive driving force for its economic strength. Held concurrently, Texprocess and its highly innovative exhibitors stand for high-tech in the textile-processing sector, in an unrivalled, concentrated way. In this connection, we now talk about Impact 4.0, in other words significant and visible developments emerging from Industry 4.0”, says Detlef Braun, Member of the Executive Board of Messe Frankfurt. “Over the coming days, Techtexsil and Texprocess will turn Frankfurt into the epicentre of textile innovation.”

Increased internationality and new countries

With 421 exhibitors from Germany and 1,080 from abroad, Techtexsil 2019 can boast a 72 percent level of internationality. After Germany, the five biggest exhibitor nations are Italy (134), China (113), France (103), Switzerland (63) and the United Kingdom (62). Taking part for the first time or returning after a period of absence are Brazil, Sri Lanka, Nepal, the United Arab Emirates, Morocco and Tunisia. Additionally, 14 countries are represented by national pavilions. Particular exhibitor growth was registered from Turkey, the Czech Republic, China, the USA and Taiwan.

With 212 exhibitors from abroad and 105 from Germany, the level of internationality at Texprocess is 67 percent. After Germany, the five

Messe Frankfurt Exhibition GmbH
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biggest exhibitor nations are Italy, China, Taiwan, Japan and Turkey. Taking part for the first time or returning after a period of absence are Finland, Denmark, the Ukraine, the Dominican Republic and Singapore. Additionally, China, Japan and Taiwan are represented by national pavilions.

From the Hyperloop to outdoor fashions

From architecture, the automobile industry and medicine to the fashion business and personal protection: Techtexil is a mirror for the broad spectrum of applications involving textile materials. At the 'Urban Living – City of the Future' special area of Techtexil and Texprocess, trade visitors can see, for example, a carbon-fibre pod of the Technical University of Delft for the Hyperloop, 3D textiles for improving indoor acoustics, experimental fashions made of sustainable materials and motorcycles of recycled military uniforms. Techtexil exhibitors present, inter alia, sensor textiles with which it will soon be possible to control the mirrors, windows and lighting in cars, textile-reinforced concrete façades, LED textiles for interior furnishings and functional fabrics made of recycled fibres and down-filling substitute for outdoor fashions.

Avatars, robots and 3D-knitted shoes

At the neighbouring Texprocess, everything during the four days of the fair revolves around the latest processing technologies for making apparel and fashions, upholstered furniture and accessories for the automobile industry. There, 3D avatars try on virtual garments, robots convey material blanks from one machine to the next while embroidery machines dye yarns during the embroidery process. In five micro-factories, not only will individual pieces of clothing be designed, cut out, sewn and digitally printed. Shoe uppers will also be produced using 3D knitting technology and leather for the car seats of leading automobile manufacturers processed.

Germany is the world leader in the technical-textiles market

It is estimated that technical textiles account for around 30 percent of worldwide textile production and the world market is expected to grow by over four percent a year to reach US \$ 198 billion by 2022.¹ In Europe, technical textiles represent around 17 percent of total textile production and are thus one of the most important foundations of the European textile industry.² Germany is the world market leader in the field of technical textiles, which accounts for 60 percent of the turnover of the German textile and apparel industry.³

Altogether, Techtexil and Texprocess welcomed 1,789 exhibitors from 66 countries and over 47,500 visitors from 114 countries to Frankfurt Fair and Exhibition Centre in 2017.

Press releases & images:

<https://techtexil.messefrankfurt.com/frankfurt/en/press.html>

<https://texprocess.messefrankfurt.com/frankfurt/en/press.html>

Techtexil Texprocess
Leading international trade fairs for
technical textiles and nonwovens and the
processing of textile and flexible materials
Frankfurt am Main, 14 to 17 May 2019

¹ <https://www.marketresearchengine.com/reportdetails/technical-textiles-market>

² <http://euratex.eu/pages/infographics/>

³ <https://www.textil-mode.de/branche/daten-zahlen>

On the internet:

www.facebook.com/techtexsil

www.twitter.com/techtexsil

www.linkedin.com/showcase/techtexsil

www.techtexsil-blog.com

www.facebook.com/texprocess

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www.instagram.com/techtexsil_texprocess

Background information on Messe Frankfurt

Messe Frankfurt is the world's largest trade fair, congress and event organiser with its own exhibition grounds. With more than 2,500* employees at 30 locations, the company generates annual sales of around €715* million. Thanks to its far-reaching ties with the relevant sectors and to its international sales network, the Group looks after the business interests of its customers effectively. A comprehensive range of services – both onsite and online – ensures that customers worldwide enjoy consistently high quality and flexibility when planning, organising and running their events. The wide range of services includes renting exhibition grounds, trade fair construction and marketing, personnel and food services. With its headquarters in Frankfurt am Main, the company is owned by the City of Frankfurt (60 percent) and the State of Hesse (40 percent).

For more information, please visit our website at: www.messefrankfurt.com

*preliminary figures 2018

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