



ANDRITZ velours needleloom for automotive products.

ANDRITZ will be presenting its innovative nonwovens production and textile solutions

International technology Group ANDRITZ will be presenting its innovative nonwovens production and textile solutions at ITMA 2019 in Barcelona, Spain, from June 20 to 26, 2019 (hall 5, booth B203). ANDRITZ supports its customers in every aspect of nonwovens and textile production technologies, processes and services with its most advanced expertise and complete technology solutions.

Sophisticated needleloom expertise

The presentation of a complete velours needleloom at ANDRITZ's booth is one of the definitive highlights at this year's ITMA in Barcelona. In combination with Augmented Reality (AR) content, the needleloom on show provides a detailed insight into the functionality of this key technology.

At the fair, ANDRITZ will introduce its latest needling technology for producing veloured felts, mainly for applications in the automotive industry. The long-lasting brush design combined with a needleloom for high production capacities ensure reduced production costs and a high return on investment for customers.

With this full-size needleloom exhibit, realistic presentations can be provided at many points of the machine using AR technology. ANDRITZ enjoys high market confidence with its needlepunch systems and needlelooms as the core process technologies, especially in the segment for needleloom devices manufactured according to special customer requirements.

ITMA will also see ANDRITZ present the next generation of its cross-laying technology, the ProWin system. ProWin is a further development of ProDyn and ProWid, which have achieved a high level of acceptance on the market with around 200 systems installed. This technology improves the current weight-profiling options and increases the actual production capacity.

The next generation in textile calendering

The new ANDRITZ teXcal Raconip TT sets new standards in textile processing for technical textiles, such as sportswear, workwear, canvas, and parachute fabric, both in terms of technological maturity and of design.

The teXcal Raconip TT is aimed at customers who require versatility and operator-friendly handling along with excellent process stability in addition to constantly high manufacturing quality.

The new calender impresses with an innovative, deflection-controlled roll – the newly developed Raconip TT. It offers maximum flexibility thanks to unrestricted profiling across the entire fabric width by means of hydrostatic pistons. This guarantees highest quality, such as absolute



New ANDRITZ textile calender teXcal Raconip TT.

flatness and precise air permeability. The new calender was developed in cooperation with Rolf Ramisch, a well-known specialist in textile calender technology.

Process technology competence in technical products – especially with the new wetlaid line for glass fibers

Due to its broad experience in various processing and manufacturing methods for the nonwovens industry, ANDRITZ also offers the corresponding machine portfolio for the production of technical nonwoven products: wetlaid for products based on glass fibers, for example wall coverings, roofing materials or carpet tile production; spunjet for filtration and coating substrates; and, of course, needlepunch for geotextiles, insulation products or basic materials for the automotive sector.

The ANDRITZ wetlaid line for glass fibers comprises a completely new, revolutionary development in the manifold, diffuser, and former machinery segments. Highly uniform fiber distribution with optimal structures during the laying process is a basic prerequisite for high-quality end materials. An ingenious recycling management system ensures a continuous reduction in the consumption of raw materials and water. A resource-saving water and energy system also helps to reduce costs from the very first day of operation. This is possible due to ANDRITZ's many years of experience in stock preparation and to its mature pump technology.

The markets for these technical end products based on nonwovens are subject to continuous, high growth, and ANDRITZ will continue to expand its competence areas, be this in wetlaid, spunjet, spunbond, spunlace, or in the needlepunch segment, through intensive research and development to meet this increasing demand.

Andritz digital solutions as a bridge builder between technology, production and service

ANDRITZ will also focus on its digital solutions and products, marketed under the technology brand Metris, at the ITMA fair. In addition to Augmented Reality in combination with the needloom, other Metris services, such as the spare part catalog and technical documentation, will be central topics. Above all, however, the ANDRITZ booth at ITMA will focus on the future networking of and external communication with machinery operating on production sites. This is an absolutely essential factor in order to develop faster and more targeted processes in service and maintenance for example.

The ANDRITZ team will be presenting all this and more at ITMA 2019, and looks forward to meeting new clients and old, and will be pleased to advise how to make production operations even more flexible, productive and efficient. ♦

Pinter Group is one of the world leaders in Core Yarn attachments. Discover our different technical proposal and find the best solution for your needs.



DUO CORE CREELS

The Pinter Group proposes tailor-made creels to produce Dual Core Yarn, according to the available space in the room and the size of the filament bobbins.

The attachments allow the production of Duo Core Yarn with the following combinations:

- Soft filament + any kind of rigid filament

As well as:

- Soft filament only (elasthane)
- Rigid filament only
- T400 filament only

Each attachment is upgradable to Tri Core.

TRI CORE CREELS

The Pinter Group has launched the concept of "Tri Core Yarn" in the market in 2017, drawing the attention of the spinners looking for new kind of premium Core Yarns. In order to produce the Tri Core Yarn, very special creels are required.

We offer different technical solutions, according to the spinner needs.

The attachments allow the production of Core Yarn with the following combinations:

- Soft filament + any rigid filament + any rigid filament
- Soft filament + soft filament + any rigid filament
- Soft filament | soft filament (double elasthane)

As well as:

- Soft filament (elasthane)
- Rigid filament
- T400 filament
- Soft filament + rigid filament
- Soft filament + T400
- Rigid filament | T400



You will find us at:
Hall H5 - Stand num. A209
20-26 June 2019
BARCELONA