Innovative Solutions for Nonwovens Production And Textile Manufacturing

ANDRITZ at Inlegmash 2022 in Russia

International technology group ANDRITZ will be presenting its innovative solutions for nonwovens production and textile manufacturing at INLEGMASH 2022 in Moscow, Russia, from March 14 to 17 (booth 21F30).

AIRLAY TECHNOLOGY

Protecting the environment and conserving natural resources require new technologies. In the textile-related industries, the current challenge is to develop industrially and economically viable solutions to use eco-friendly fibers in nonwovens. ANDRITZ focuses on the airlay nonwoven application for hemp fibers (used in mattress production, insulation, ...) and also geotextile end uses.

TEXTILE RECYCLING TECHNOLOGIES

ANDRITZ Laroche is a leading supplier of fiber processing technologies such as opening, blending, and dosing, airlay web forming, textile waste recycling, and decortication of bast fibers. One focus of this product range lies on complete recycling lines for post-consumer and industrial textile waste to produce fibers for re-spinning and/or nonwoven end uses. ANDRITZ will present recycling technologies for end-of-life textile products that can be used in multiple applications, such as automotive, insulation, mattresses, and furniture felts.

Customer awareness and regulations are pushing apparel brands to recycle their textile waste and use the recycled textile fibers in their own products. To support ANDRITZ customers, a team with process know-how is available to conduct customized trials in our advanced technical center located at the ANDRITZ Laroche facilities in Cours, France.

BAST FIBERS

For the demanding Russian market for technologies based on bast fibers, ANDRITZ will present innovative products and the valorization of bast fibers, in particular hemp.
For almost a century, ANDRITZ Laroche has been a major player in the textile waste recycling sector, with airlay nonwoven technologies but also bast fiber decortication and cottonizing lines.

These eco-friendly fibers are used to spin yarn mixed with cotton, saving cotton as raw material, which reduces the consumption of water, pesticides applied in its cultivation and chemicals used during the dyeing and finishing processes.

ENGINEERED SUCCESS

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ANDRITZ recycling line



ANDRITZ airlay pilot line

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