Press Release

Ahead of progress with Monforts at ITMA Asia + CITME 2018

The potential of Industry 4.0, in combination with the drive to reduce waste and minimise raw materials usage, has led to some significant new developments by Monforts.

At this year's ITMA Asia + CITME, in Hall 6 at booth H6/D05, visitors can learn about the company's latest Qualitex 800 control system, which along with the Web-UI app, allows the remote visualisation of Monforts technologies via smart phones and tablet devices.

"We are already embracing many Industry 4.0 principles in our approach to new machine concepts and the Qualitex 800 has all the intuitive features operators will be familiar with from touchscreen devices," explains Monforts Vice-President of Sales and Marketing Klaus Heinrichs. "It is making navigation extremely easy for operators, cutting down the time required for becoming familiar with a new system and allowing complete control of all machine parameters."

Resource efficiency is being addressed via the latest technologies such as the company's Eco Line for denim, based on two key technology advances – the Eco Applicator for minimum application of the selected finishing chemicals and the ThermoStretch.

As an alternative to conventional padding, especially for wet-in-wet solutions, the Monforts Eco Applicator can significantly reduce the amount of finishing chemicals required prior to the stretching and skewing of the denim fabric.

In many textile mills globally, the cost of energy for running integrated manufacturing lines – especially those for fabric finishing that can involve numerous sequences of heating and subsequent drying – is now eclipsing the cost of paying people to operate them.

The ability of the Eco Applicator to significantly reduce energy costs has seen it rapidly accepted on the market.

The Monforts ThermoStretch unit meanwhile carries out the skewing (weft straightening), stretching and drying in a continuous process.

"The Eco Line system reduces energy requirements and losses, increases thermal transfer and keeps the drying energy on the textile material longer," says Monforts Area Sales Director and Head of Product Management for Denim Hans Wroblowski. "As a result energy savings of up to 50% are being achieved."

Monforts is also the only manufacturer which is able to offer completely integrated coating lines from a single source and at ITMA Asia + CITME 2018, the company's specialists will be on hand to explain how its latest coating heads are being tailored to drying technology for maximum benefits.

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For an unprecedented range of options, Monforts now offers multi-functional coating heads for both its industrial texCoat and Allround coating units. Module options include those for screen printing, magnetic coating and knife coating, either integrated into new lines or retrofitted into existing installations.

“Our system has the shortest fabric path from the coating unit into the stenter and all of these options are available in wider widths,” says the company’s Head of Technical Textiles, Jürgen Hanel.

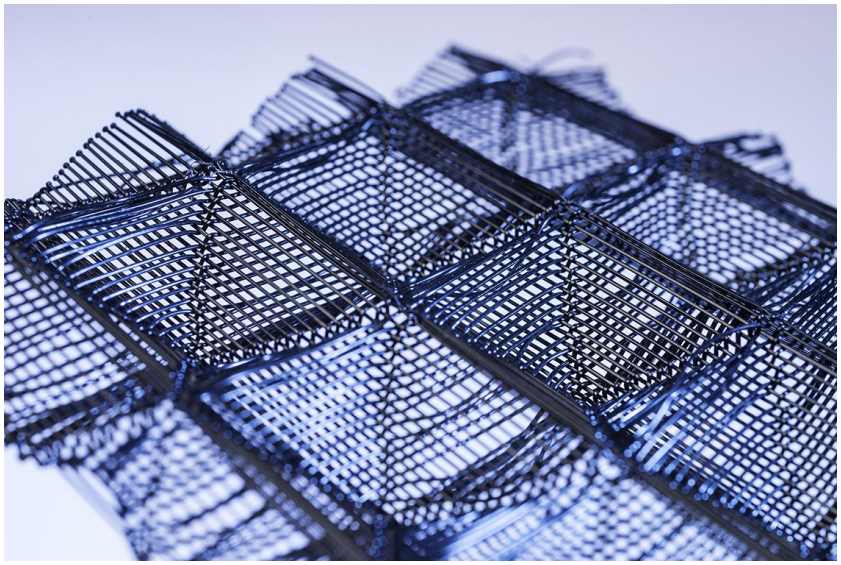
“Whatever your company’s specialism, we have the technologies and the process knowledge to help you take your business to the next level,” adds Klaus Heinrichs. “We look forward to meeting customers old and new in Shanghai.”



AWOL 54
The new Monforts Qualitex Web-UI provide machinery data visualization for remote control on handheld devices.



AWOL 55
Denim finishing range at customer BERTO in Italy



AWOL56
Advanced technical textile web finished on the Monforts TT-Range