



## Asian debuts for Monforts innovations

Quality, performance and reliability have been the hallmarks of Monforts image as one of the world's leading suppliers of textile finishing machines for more than a hundred years. New double-sided Softcoating and Sanforisor make their Asian debuts at ITMA ASIA + CITME to ensure significant energy savings with high efficiency finishing.

Under the theme 'Energy savings with high efficiency finishing', Monforts will be introducing a new double-sided Softcoating unit and a new Sanforisor at ITMA-ASIA & CITME in Hall W5, Booth D04.

Advanced solutions for finishing technical textiles will also be introduced together with the latest upgrade and modernization kits from Monforts Parts & Components department.

### Double-sided softcoating

The new double-sided Softcoating process provides energy savings in drying processes with reduced liquor application, utilizing trough and roller techniques, to apply just the required amount of liquid/coating to the fabric via contact with the roller.

Liquid can be applied to both sides of the fabric or to one side and a different liquid to the other side.

Applications include nano coating, water repellency, softeners and pigment dyeing. Used primarily for clothing applications, the soft coating process can, for example, apply soil-to-water-repellency to one side of the fabric and softener or water absorption, respectively, to the second side.

The new Monforts process, in some cases, eliminates the need for a conventional padder in wet-in-wet processes, applying the liquid/coating via a twin-roller for double-sided applications.

Compared with a padder operation, the initial moisture content of 60% is reduced to 40% using the Softcoating process; ensuring a reduction in drying times and reduced energy costs.

### New Sanforisor

The latest compressive shrinkage Sanforisor, for woven (Monfortex) and knitted (Toptex) fabrics offers increased residual shrinkage and higher production speeds up to 20% faster than other Sanforisors.

Other features include automatic grinding of the rubber blanket, 40% reduced water consumption for cooling and substantial time savings for blanket changes.

### New solution for technical textiles

Monforts will present the latest range configurations for coating and high-temperature processes as well as flow through driers for bonding processes of nonwovens.



New double-sided Softcoating unit.

### Monforts Parts Stores

A more proactive service operation offering a wider range of services and products including modification and modernization kits for mechanical and electrical components to give older ranges modern, up to date, production performance, will be highlighted at the exhibition.

Represented by Al Ameen Trading Corporation, Monforts has enjoyed the trust of numerous customers in Pakistan.

Further information can be obtained from Klaus A Heinrichs from A. Monforts Textilmaschinen GmbH & Co. KG, D-41017 Mönchengladbach, Germany. The local representative can be contacted at [alame@cyber.net.pk](mailto:alame@cyber.net.pk). ♦

## Osthoff hairiness tester -the unerring eye of the singeing machine

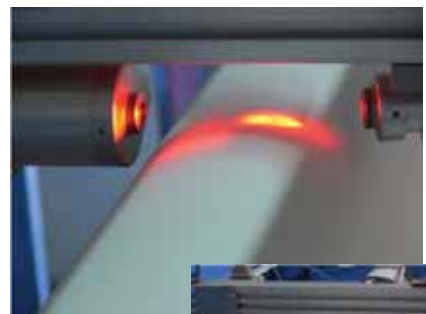
Osthoff-Senge's hairiness tester is a device which automatically recognizes the hairiness or pile height of textile materials, displays them on a screen, compares set points and actual values and adjusts the intensity of the surface processing by means of these data until the rest hairiness corresponds to the pre-set standard.

By using the hairiness tester in this way, the singeing process can be defined exactly. The process can thereby be controlled independently of the subjective assessment of the operator ensuring that it corresponds to the desired singeing effect.

Further to this, Osthoff-Senge also offers a hairiness tester to check samples. This device works on the same principle as

the one described above, but instead of examining running fabric it only examines a sample piece, which is mounted in the instrument.

According to Mr. Joerg Schlageter, there are numerous advantages of using Osthoff-Senge hairiness tester. For example, it ensures that whole batch has same hairiness value and in future, similar articles will be singed with the same parameters, thus offering repeatability. Another advantage is the savings in gas consumption. The gas consumption is only as high as necessary, that is if the desired hairiness is achieved with a lower intensity of the flame, the settings are adjusted accordingly.



Osthoff Senge hairiness tester.

Further details can be obtained from the local representative Nazer and Company in Pakistan. The visitors to ITMA-ASIA & CITME are also encouraged to see range of machines and service by Osthoff Senge at Hall, Booth. ♦