

Thies

New hank dyeing unit for specialty yarns

The new Thieshanker yarn dyeing machine by Thies GmbH & Co. KG, Gerdorf, offers reduced water and low energy consumption plus flexible loading for special and "high-end" yarns to hank from providing optimal treatment and ease of handling.

It is uniquely designed to dye fine yarns per hank dyeing for a wide range of hank yarns including wool, silk and man-made fibres, and fibres such as viscose, polyamide, silk and high bulk acrylics.

The Thieshanker is designed to dye all yarn structures of up to 80% at a starting liquor ratio as low as 1:1 depending on the loading and yarn capacity.

In order to avoid high spins and lower marks, the hanks are retained on specially designed rods, each 800 mm long. The unit can be supplied with L & A, L & U or 10 rods each capable of holding a maximum of 10 kg of yarn subject to the volume and type of material. The maximum hank length is 800 mm. For longer hank size machines, a series of units can be coupled together.

Thieshanker



The Thieshanker is manufactured in stainless steel and also features a centrifuge inside for drying and a cartridge heat exchanger. A modern industrial air system controls all functions of the dyeing and finishing processes at all times.

Fully automatic dyeing of dyes and chemicals using pre-programmed times and curves is also available with analogue dyeing.

Tecnorama

New automatic dosing and dyeing machines

The Dos&Dye Jetflow from Tecnorama srl, Prato/Italy, is an automatic system for dyeing that can operate 24 hours a day, without requiring any manual intervention for the dyeing of small lots.

Among the machines showed at the ITMA, the Spectrorama system was an appreciated innovation, both for the advanced technology that enables the spectrometric analysis of a dyeing cycle along with simultaneous readings of the dye-bath and textile material. New Dosorama HS automatic lab dosing machinery is able to carry out more than 200 complete recipes in 1 hour of work with an accuracy of ± 0.003 g and with a speed which is 10 times faster than other machines in the market.



The upgrade of Dos&Dye Compact automatic system for lab dyeing, and the Multifastest, an analytical device designed to obtain quick responses on the fastness of dyes on fabrics, yarns, knitwear, etc. were shown, too.

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