

## ITMA BARCELONA – PRESS RELEASE

From 20 to 26 June 2019 Thies GmbH & Co. KG will be present at ITMA, the international textile machinery exhibition in Barcelona. Held since 1951, the world's leading textile machinery fair is the innovation platform for textile machine manufacturer. At stand B108 in Hall 2 Thies will be exhibiting its latest products.

Thies concentrates on sustainable product solutions and focuses on the development of innovative, intelligent and integrated concepts for yarn and fabric dyeing. Founded in 1892, the family company consequently presents many years of commercial, product and applications experience under the motto "BE THE CHANGE".

Selected product highlights are:

**iCone**

The yarn dyeing machine iCone is ideal for bleaching and dyeing fibres in different forms like packages, warp beams, combed tops or flock. With the help of modern flow analysis tools, the pipe systems, the pumps and their impellers have been optimized, reducing pressure losses and power consumption. The iCone offers the ability to dye in a traditional manner by using reciprocating liquor circulation. However, it can also be operated with one flow direction and an ultra-short liquor ratio starting at 1: 3.6. The machine is very flexible and matches diverse requirements. The delivery spectrum of the iCone is complemented by the very latest, user-friendly control system. Its "green functions" provide standardized programs for exploiting the optimization potential of different process steps. The iCone can be integrated into existing dyeing facilities without problems. On customer request, the iCone machines can be designed for the operation with existing material carriers and correspondingly for the adaption to existing dryers.



iCone

## ITMA BARCELONA – PRESS RELEASE

**iMaster H<sub>2</sub>O**

The latest version of the well-established and successful iMaster H<sub>2</sub>O incorporates various new detail improvements. Many of them were developed in response to suggestions from customers respectively end-users. The iMaster mini belongs to the iMaster family. It is a fully-equipped variant of the iMaster H<sub>2</sub>O with a loading capacity of 20-80 kg for small production runs and laboratory work. The main advantage is to operate the iMaster mini with the same (parameter) settings as the iMaster H<sub>2</sub>O production machine. The earlier testing and optimization phase using the iMaster mini has shown that new kinds of fabrics, recipes and processes can be incorporated in the production sequence more effectively and more cost-efficiently. For the treatment of light to medium-weight terry articles, Thies recommends the iMaster F machine. It has loading capacities of up to 400 kg.

iMaster H<sub>2</sub>O**soft-TRD SIII**

The soft-TRD SIII combines perfect fabric running properties with the latest short liquor ratio technology. With liquor ratios starting at 1:5, a variety of sensitive fabrics can be treated gently. The soft-TRD SIII is ideal for finishing polyester fabrics due to the high-performance (kier) temperature regulation.



soft-TRD SIII

## ITMA BARCELONA – PRESS RELEASE

**Dosing- and dispensing systems**

For reducing error rates and increasing reproducibility, the automation of the chemical and auxiliaries supply is mandatory. The MPS product family offers a complete solution for fully automated supply of a finishing plant with chemicals, dyes and auxiliaries:

- The MPS-L (liquids) automates the transport of all liquid chemicals typically used in a dye house to the designated destinations in the defined quantities.
- The MPS-D (dissolving) is used primarily for dissolving dyes.
- The MPS Colourmatic automates and controls the dissolving and supply of powdered dyes. The fully automatic version of the MPS Colourmatic controls the storage, weighing, dissolving and provision of the dyes.
- The MPS-S (solids) transfers the solids used in the dye house, such as Glauber's salt or sodium carbonate, to the dyeing plants automatically.
- The MPS-G (gravimetric) offers flexibility, reliability and automation all in a single module. It combines the functions of the systems MPS-L, MPS-D and MPS-S.



MPS-Colourmatic

## ITMA BARCELONA – PRESS RELEASE

### **Intelligent Control Technology**

On ITMA 2019 Thies will be presenting the latest version of the Maintenance Manager, which is inter alia complemented by the module 'Condition Monitoring'. The software schedules, executes and controls all maintenance and servicing works. It facilitates the procurement of spare parts and provides the technical documentation digitally. At the same time, with the collection of these data Thies lays the foundation for prospective machine learning from customized respectively system- specific history data.

Furthermore, Thies is offering a new generation of controllers (T390), which is designed for Industry 4.0-applications as well as for interfacing appropriate MES-systems.

As during previous ITMAs, Thies will be presenting daily talks in Barcelona on a wide range of topics in several languages. Those interested can pre-register at [Thies@ThiesTextilmaschinen.de](mailto:Thies@ThiesTextilmaschinen.de).

The Thies team is pleased to welcome visitors and looks forward to presenting its latest developments, receiving keen reactions and holding stimulating discussions.