THIES highlights iCone dyeing machine and mini-soft

iCone is the new development that consolidates the highest ecological standards with technological intelligence to achieve large savings in water and electricity consumption. The iCone is based upon Thies's eco-bloc series, but it also incorporates a newly designed 'pump block' system, which allows dyeing with an ultra short liquor ratio. Depending on carry-over of the material, liquor ratios of 1:3.6 in partially flooded vessels are now possible in mill practice.

Improved rinsing functions are said to allow reduction of after-treatment time by almost one hour. Moreover, the new 'suction pipe' design enables adjustment of flow reversal - from inside to outside and outside to inside. The iCone has been specifically developed to meet the requirements of stringent international and local environmental protection regulations with simultaneous consideration of its economic efficiency.

Thies mini-soft

A small production machine the mini-soft bridges the gaps between research, laboratory and production. With its extraordinary flexibility, the mini-soft can be used for multiple purposes including research and development, quality assurance, laboratory trials, sample dyeings and small-scale production. Due to a high level of reproducibility and portability, the results are easily applicable in regular production.

The mini-soft is available in both vertical (mini-soft E) and horizontal (mini-soft TRD) versions, and is the ideal machine for wet processing of woven and knitted fabrics produced from natural, man-made fibres and their blends. The machine is designed to operate up to 140°C and with a variable liquor ratio; starting at 1:6 (mini-soft E) or 1:12 (mini-soft TRD) respectively.◆

JAKOB MÜLLER highlights MÜGRIP® MBJ6 1/1380 label weaving machine

Rapier looms from MBJ range are the world's most frequently used machines for the production of labels, pictures and technical narrow fabrics with cut selvedges. In fact, they represent the only weaving system to have been specially developed and manufactured for this market segment.

The robust and compact design of the jacquard super structure directly on top of the basic machine, limited machine height and minimal dead weight all facilitate the installation and operation of MUGRIP looms in existing facilities and buildings with several storeys.

The MÜGRIP® MBJ6 constitutes a systematic further development within the MBJ series and is characterized by a variety of new features such as 1200 mm working width, reed width of 1380 mm, process-controlled weft feeder with reversible twist direction for S- or Z-yarns, universal rapier with drive via a spatial crank mechanism, vibration-optimised based frame, delivery with a suspended SPE harness for reduced start-up time, solid design using a module system; standardised transport units and adjustments to variety of production conditions can be completed easily via controls using a C-Series MUDATA touchscreen. Jakob Müller is represented by ATC (Associated Textile Consultants). ◆