



Thies iCone dyeing machine and iMaster H₂O - the innovative machine

Today, the world of textile finishing faces enormous environmental challenges. Significant increases in the cost of water and effluent treatment, plus pressure to conserve resources, call for a rethink of efficiencies and the production process.

The new iMaster H₂O is the culmination of 40 years' experience in short liquor ratio dyeing.

With its excellent running conditions, optimum use of inputs and reduced process times, the iMaster H₂O represents a sound investment for any house, at the same time ensuring minimum environmental impact and ongoing sustainability.

With its increased productivity and enhanced reliability, the iMaster H₂O offers new perspectives and opportunities for all progressive textile companies.

Thies iCone dyeing machine

iCone is the new development that consolidates the highest ecological standards with technological intelligence to achieve large savings in water and electricity consumption. Construction of the iCone is based upon Thies's eco-bloc series, but it also incorporates innovative new technologies. Its newly designed 'pump block' system 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 from Germany is represented in Pakistan by Noon International, which is based in Lahore with a branch office in Karachi. ♦