

# Thies highlighted 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. ♦

# Trützschler TD 9T: TWIN breaker draw frame



The TWIN breaker Draw Frame TD 9T is also available as single TD 9 version. Thus it is possible to implement each even and uneven number of drawing heads.

For the first time in short staple spinning, it also features a new can format: JUMBO CANS with 1,200 mm diameter, to reduce the number of can transports and significantly improve the efficiency of the downstream machines.

The Trützschler TWIN draw frame offers approximately a 15% increase in overall efficiency compared to double head draw frames. Due to its intelligent concept the TWIN version is compact and requires little space. ♦