

The new DORNIER type BSM/CMB combined mercerizing-/bleaching range

Based on the concept of the tubular fabric mercerising machine, DORNIER is now able to offer its type BSM bleaching range comprising an impregnation unit, dwelling zone and washing sections.

The CMB combined mercerising and bleaching range, on the other hand, consists of the impregnation, reaction and washing sections of the mercerising unit complemented by a heating and dwelling zone for

All the ancillary equipment required for automatic bleaching is included in the scope of supply and appropriately adapted to the requirements and conditions of the various auxiliary material and processing agent manufacturers.



Combined mercerising- and bleaching range type CMB in operation

the peroxide bleach. The basic design of the facility is also expandable by a compact impregnation, dwelling and washing unit for demineralisation. It is also possible to integrate a combined secondary washing section which, with a neutralisation bath and a treatment trough downstream of the washing unit, enables the application of optical brightening agents.

In any case, the fabric being bleached can be processed as required either with or without optical brightening agents, as non-brightened fabric is guided and folded separately from the brightened fabric. For the latter process, DORNIER uses a dual-arm cuttler.

Modern computer control

The machine and ancillary equipment are monitored and controlled by a central computer with an active LCD display and user-friendly keyboard.

The monitored and controlled functions include

- the speeds in the individual machine sections with precise indication of fabric stretch,
- washing water temperature with actual/setpoint comparison,
- fresh water flowrate for the last circular expander,
- dancer roll positions, and
- the diameter values of the circular expanders.



J-box as dwelling chamber