



Benninger Küsters DyePad and TRIKOFLEX washing compartment

Benninger offers solutions for important textile finishing processes and specializes in the continuous open-width treatment of fabrics and inter-laced yarns. With innovative process systems, the company increases efficiency and therefore provides customers with significant competitive advantages, whether with regard to increasing productivity, optimizing quality or ensuring ecological standards.

The washing compartment TRIKOFLEX is known for the leading washing drum with the front and backwashing technology. Due to this leading technology the TRIKOFLEX compartment guarantees a high mechanical washing effect and allows not only very low, controlled fabric tensions, but also the crease-free fabric transport, even with sensitive goods.

The Original Küsters DyePad allows dyeing of knit and woven fabrics without

any restrictions. This modern CPB dyeing system can be used on cellulose fibers for woven fabrics as well as knitwear anywhere in the world due to the controlled dyeing conditions plus the latest developments in the dye itself.

The Küsters DyePad has been specially designed for the needs of the Asian markets. Two swimming rollers ensure a maximum deflection potential and allow dyeing of knit and woven fabrics, without limitations. This type of dye pad is enjoying a market share in excess of 80% in CPB dyeing.

Its deflection-controlled S-Roll technology dyes a wide range of articles in reproducible and premium quality. Through the various adjustments of the two S-Rolls the dyer receives a high flexibility. Different fabric design, absorbency tension, weft distortion and humidity need a high variety of all possible settings of liquor application.

Benninger offers a complete CPB dyeing station for knits and woven fabrics, and with this kind of dyeing allows that the reactive dye is fixed at room temperature. Modern CPB dyeing systems are controlling dyeing conditions as well as the developments of the dyes themselves. This method for cellulose fibres for woven fabrics and knitwear can be applied without any restriction anywhere in the world.

Despite the enormous efforts of machine designers to reduce the liquor ratio it remains as a fact that the finishing of knitwear in jet dyeing machines still requires large amounts of water and thus also energy. In addition to quality benefits, the continuous open width finishing process also offers savings, particularly in terms of water and power consumption. Benninger's bleaching and washing plants and the original BENNINGER-KÜSTERS DyePad suit this type of application to perfection. ♦