



Sapphire Textile Mills Limited invests in Goller SINTENSA

Sapphire Textile Mills Limited, a vertically integrated composite textile unit, manufacturing cotton yarn, fabric and home textiles products has invested in Goller SINTENSA to further enhance the quality of their textile products.

According to Syed Khurram Banoori, Executive Director, Sapphire Textile Mills

Limited, "We acquired Goller SINTENSA as a multi-purpose machine. It gives us three main advantages which are not possible with any other washing machine. The first advantage is the washing of silk and delicate fabrics with an open width in a single pass. The second advantage is the washing of Waffle weave fabric, which is basically a thick fabric with an embossed weave. Any other machine damages the Waffle effect of the fabric.



Syed Khurram Banoori, Executive Director, Sapphire Textile Mills Limited.

Last but not least, we are bleaching the fabric in this machine as it is a washing/bleaching machine. Thanks to Goller, we are able to regenerate the processed **Waffle fabric** business in Pakistan. Our new innovative waffle fabric gives a very special kind of feeling you just love to wear. "

Dyeing, Printing & Finishing

Technically, the Goller SINTENSA multi-purpose bleaching and washing range has been designed to run qualities, which we can not do on our existing setup. The processes covered start with spun oil removal, dye and print wash, washing of yarn dyed fabric and end with bleaching. The high-efficiency spray and drum arrangement system increases the washing to the high level. The individual drive systems controlled by load cell opens up the opportunity to process most delicate fabrics with the lowest linear tension possible. The Multidata PLC gives a high degree of automation, which almost excludes human errors and assures reproducible results," says Syed Khurram Banoori.

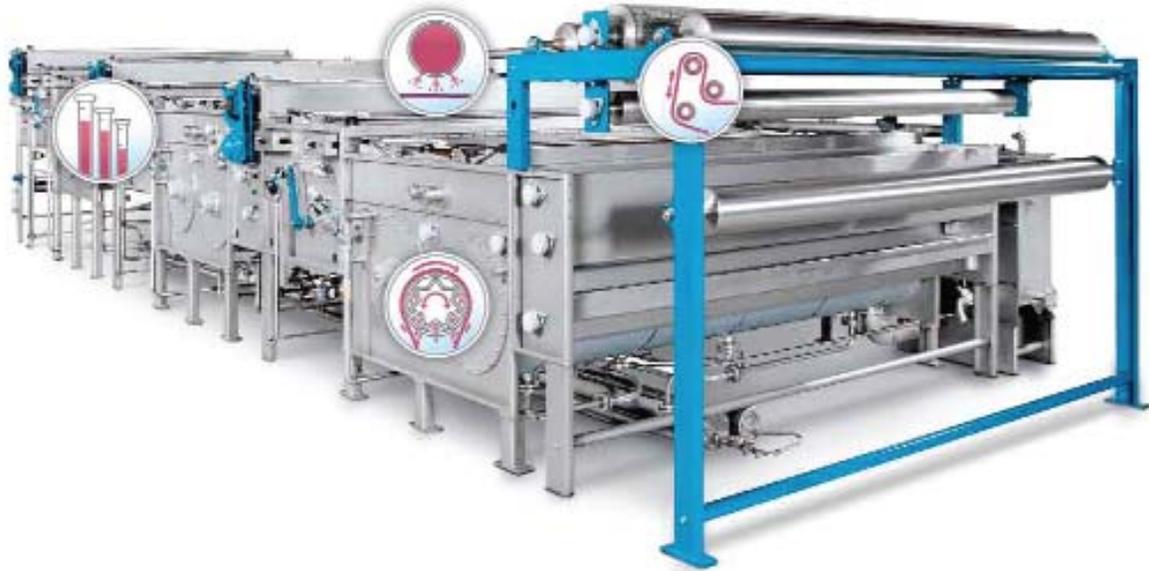
"Our thinking is always positive towards value-addition as our focus is not simply on increasing the volume of production. We invest in new machines to produce innovative products as we are the trendsetters in this field. This is the best way to compete in the local and international market." ♦



"In addition, the machine is perfect for gentle and low tension processing. Its unique technology, design and features reduce water, energy and processing chemicals consumption. It handles light-weight and delicate fabrics in finest yarn counts and gauges with care. Woven and knit fabrics from lightest up to medium weight and virtually any fibre or blend can be processed," he added.



Goller SINTENSA PLUS for gentle and low tension processing



High Turbulence - High kinetic

A rotor with a special built-in perforated washing drum. The rotor speed and the moving direction are both adjustable to generate the maximum turbulence and cross flow. The combination of high turbulence and short liquor content ensures that there is no risk of back staining of the already removed impurities. Optimum washing effects are guaranteed and the risk of separating of spun oil or impurities is minimized.

Low Tension

The on the spot engineering solution, consisting of the individual drive system, controlled by load cell opens up the opportunity to process most delicate fabrics with the lowest linear tension possible. The consequent use of specially shaped scroll expanders completely guarantees uncurling of the selvages.

High efficiency power-spray

A high-efficiency spray and drum arrangement increases the washing to the peak performance. A set of three coupled sprays placed on the left and right side of the fabric supports optimize surface penetration and washing down effect. As a standard, it is equipped with an automatic or manual filter system and circulation.

Less Chemicals

The smart MULTIDATA programming for all media feeding system is the basis for on demand dosing. The programmable water feeding flow meter controlled, whilst the computerised dosing of chemicals is weight proportionally based. The MULTIDATA PLC enables a high degree of automation, which almost eliminates human errors.

COMPETENCE IN

CONTINUOUS DYEING & WET FINISHING RANGES

60 YEARS OF PRESENCE IN PAKISTAN



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