



YARN INSIDE

Moisture management with SwissCotton® BeDry

Textiles made of SwissCotton BeDry are the best choice for people who want to have both, the wearing comfort of cotton and the moisture transfer qualities of synthetics. Till now not accepted as a performance fiber, new advances in technology bring cotton to the forefront of sports and active-wear. BeDry-Yarns from Bühler have the same characteristic as synthetics to wick away moisture, dry faster and reduce negative effects such as clinging to the body when wet.

Using the hydrophobic yarn SwissCotton BeDry on the inner layer of a fabric, moisture is moved away from the skin to the hydrophilic outer side of the fabric. The outer layer spreads the moisture over the fabric surface where it can evaporate quickly. The wearer is kept dry and comfortable.

Finest extra long staple Supima® cotton provides softness and highest wearing comfort. ■



Latest technology protects from foreign fiber contamination

Contamination free yarns are extremely important for most of our clients. In order to meet the highest requirements for white and light shades, we have equipped all our opening lines with a *Vision Shield* and *MagicEye*, the latest technology foreign material detection and elimination equipment from the Swiss company Jossi. With this investment, we have set a new standard in the elimination of foreign matters in pre-spinning. We are now not only able to detect dark or colored foreign materials, but also transparent and white synthetic fibers.

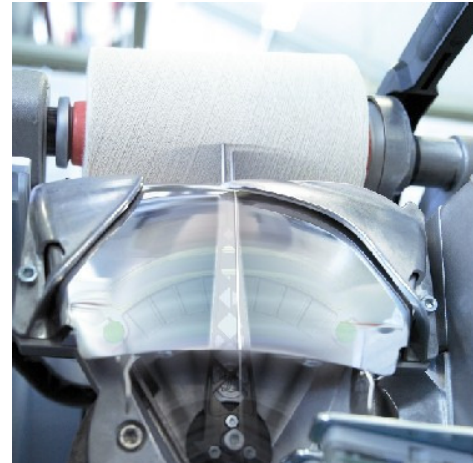
However, the smallest impurities can not be identified in this first cleaning stage. Therefore, the elimination of foreign fibers in the winding process is still most important. Cleaner raw material after pre-spinning allows for tighter and therefore more effective cleaning in the winding process.

But all technical measures in spinning do not yet guarantee a yarn free of contamination. Only the combination of minimally contaminated raw materials and the latest foreign fiber cleaning equipment in pre-spinning and winding can meet the strictest requirements. High-grade Supima cotton which we use for all our yarns is the best choice to achieve outstanding results also in critical applications in white and light shades. ■

Latest winding technology saves costs in the further processing

Hermann Bühler has always been engaged in the development of innovative spinning technologies. In developing their latest winders *AC 5 Preci FX*, we have supported the Swiss company Oerlikon Schlafhorst. Since recently, the first worldwide installations of this new type are in operation in our winding room and allow the precise construction of yarn packages. With few exceptions, the whole production of our soft dye-packages and a part of our regular yarn cones will be switched to the new Preci FX winding.

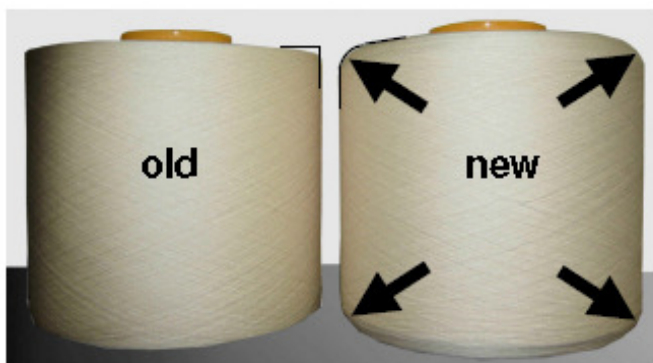
The advantages of the new precision winding are obvious:



- first class package construction **without parallel winding areas (mirror zones)** meets the highest requirements in subsequent processing
- selectable yarn crossing angles allow a **perfectly even density throughout the package** and a package construction perfectly tailored to subsequent processing
- **highest process stability and efficiency in the dye house**
- The package edges are optimally rounded in the winding process. **The expensive and yarn-damaging edge rounding becomes obsolete.**
- **improved running properties**, yarn layers can't be displaced as the package is harder with a given density
- **no rewinding required = substantial cost reduction**

Conclusion: Excellent package quality for efficient and quality focused yarn processing!

You can trust in our technical know-how and production competence. Also in the future we will implement innovative technical solutions to constantly improve the spinning and winding technology.



During the transition period, you will receive specially labelled pallets, so that your production personnel will easily notice the new dye-packages. ■