

Oerlikon Schlafhorst - The market and innovation leader in ring spinning, winding and rotor spinning

Oerlikon Schlafhorst as a part from Oerlikon Textile is the world market leader in ring spinning, winding and rotor spinning. Numerous new developments and comprehensive, customised spinning solutions 'Made in Germany' ensure excellent and reproducible yarn and package qualities. Furthermore, they generate top productivity performance in short and long staple spinning.

Autoconer - Innovative machine concepts for winding

The Autoconer 5 is an important part of the „Circle of Success“ and unambiguous evidence for the leadership in innovation of Oerlikon Schlafhorst in the field of winding and splicing technology. The winding machine shows its performance for a wide range of applications. The high productivity and the reproducible package quality which is optimally adapted to the requirements of downstream processing are outstanding features.

The Preci FX yarn displacement system without drum is a milestone for innovative package design. With this, Oerlikon Schlafhorst revolutionizes the processes of winding technology. Individual package design, highest flexibility and productivity are performance features which are going to influence the dynamics of the textile market in the future.

The modular concept for winding machines by Oerlikon Schlafhorst enables spinning mills to select a machine customised for their process structure and to be always on the winner's side. State-of-the-art electronic, a CAN-Bus system with nearly unlimited capacity and the plug & wind technology, the Autoconer can be adjusted in its performance spectrum anytime. And no matter which displacement system is applied, customers can definitely trust in the core competence of Oerlikon Schlafhorst: generation of excellent Autoconer package quality.

Autocoro and BD line - Oerlikon Schlafhorst sets new standards

The members of the rotor spinning machine family which excel with new performance features for more quality and productivity. The Autocoro with its new concept consisting of the Autocoro S 360 and Autocoro 480. With both machines, Belcoro yarn and package quality is guaranteed; the level of automation, however, can be adjusted by Autocoro customers precisely to their individual requirements. An outstanding criteria for quality of the Autocoro S 360 is the new piecing technology DigiPiecing. This innovative piecing



Oerlikon Schlafhorst Autoconer 5.

technology with 100% digital control and digital piecing test scores due to piecings of maximum quality.

Furthermore, it is one of the bases of the high productivity of the Autocoro S 360. The Autocoro S 360 is the only semi-automatic rotor spinning

machine worldwide which realises rotor speeds of up to 130,000 rpm and take-up speeds of up to 230 m/minute in practice.

Also the BD line, another masterpiece of the Oerlikon Schlafhorst engineers in the field of rotor spinning technology, offers comprehensive innovations. With the new generation of drive technologies, the dependence between machine length and productivity has been significantly reduced for the first time so that production speeds of 200 m/minute are also possible for very long machines. A simple operating concept rounds off the technical and technological highlights of this successful machine and guarantees very easy operation of the machine.

Corolab XF - brilliant detection of foreign fibres

Worldwide, 95 % of all Autocoro spinning mills trust in Corolab. In the Autocoro 480, Corolab XF, the innovative two-in-one system for digital yarn clearing, has already become established as benchmark worldwide.

A single sensor is responsible for a continuous detection of thick and thin places as well as for a perfect elimination of foreign fibres from the yarn. The matrix grading, all functions are practical and can be easily set. Corolab XF fulfils customer requirements with regard to productivity and quality in such a flexible way that customers of Oerlikon Schlafhorst can supply optimum quality to all kinds of weaving and knitting mills.

Zinser ring spinning technology

Zinser 360 – Formula for success for quality-conscious classic ring spinning

The Zinser 360 the automatic CoWeMat doffer is an innovative and highly productive technology platform for fine and medium-fine ring yarns. The permanently reliable machine quality with high-grade key components such as high-quality bottom rollers and spindles, centrable rings, high performance drive technologies and optimised software and control technologies reflect German quality standards through and through. Ring spinning mills benefit from this by higher speeds, lower operating costs and a permanently high efficiency. ♦



Oerlikon Schlafhorst Autocoro 480.



Oerlikon Schlafhorst Zinser 360.

Spinning