



Autoconer X5: How you can master all textile challenges

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Autoconer – Synonymous for excellent package winding

The Autoconer by Oerlikon Schlafhorst became a synonym worldwide for successful automatic package winding. The number of winding units sold, which is in excess of 2 million, offers proof of this. Each Autoconer generation has won customers over with its new, groundbreaking engineering and innovative winding technology. It was and still is the benchmark for peak performance, unique package quality and future-oriented machine concepts. And now the new Autoconer X5 will continue the leading position in the winding machinery market.

The new Autoconer X5

The varied textile requirements and customer requests that crop up in day-to-day work in the spinning mill are the challenges you encounter when testing your strength against your competitors. With its new Autoconer X5, Oerlikon Schlafhorst have once again focused on the latest trends in the textile industry in the further development of their winding machine and have integrated solutions and performance features that enable the industry to face the many challenges successfully.



Fig. 1: The new Autoconer X5.

Quality, productivity and the consumption of resources are important cornerstones of every textile company. They are the parameters by which the customers judge the performance and the basis on which the efficiency and profitability is ensured. This is why the Autoconer X5 is even stronger in these areas. When redesigning the Autoconer X5, special account of current challenges was taken with regard to greater automation and extensive flexibility of the production programme. With the Autoconer X5, all challenges can be met head on while retaining the lead position at all events.

1. Ground breaking high quality

- ❖ PreciFX opens the door to new, superb, individual package qualities.
- ❖ Speedster FX supports in the production of excellent yarn quality.
- ❖ Oerlikon Schlafhorst splicing technology guarantees the best splicing quality for every application.
- ❖ Optimum quality is delivered day in day out – quality that is continuously reproducible.



Fig. 2 PreciFX – the unique drumless yarn traversing system.

2. Higher productivity to win the race against time

- ❖ Speedster FX creates the prerequisites for higher productivity.
- ❖ X-Change doffer: new and with faster package doffing.
- ❖ PreciFX generates process and productivity advantages.
- ❖ Central settings ensure a rapid start-up.
- ❖ Greater dynamism thanks to single motor drives.

3. Intelligent process automation means that production is automatically more profitable

- ❖ X-Change doffer for clever package handling and swift processes.
- ❖ New central settings: 1 x setting with multiple benefits.

Targeted automation of process sequences is coming increasingly to the fore in the textile industry, even in countries where virtually all processing has been manual previously. The Autoconer offers various approaches to process automation.



Fig 3: The new doffer X-Change for flexible automation.

4. Utilizing resources sensibly means working in a smart, economical way

- ❖ Piecing cycles controlled by sensor and single motors to minimize waste and energy and optimize piecing times
- ❖ Time- and labour-saving process sequences
- ❖ Energy-optimized cooling concept with a new design



Fig. 4: Piecing cycles with highest efficiency

No matter whether it's time, staff, energy or raw materials, we know that all resources are only available to a finite extent. The focus has often been, and still is, on productivity-oriented value creation. But in the last few years of rising raw material and labour costs especially, there has been a change of course towards resource-conscious process configuration. The Autoconer 5 was already on the right track and so for the Autoconer X5, therefore, it was only necessary to work on the fine-tuning relative to resource utilization.

5. Every day new challenges are overcome flexibly

- ❖ The choice is there: drum or PreciFX.
- ❖ X-Change doffer – the all-rounder.
- ❖ Use Speedster FX according to particular requirement – higher productivity or higher yarn quality.
- ❖ Modern future-ready design.
- ❖ Quick, reliable operation.
- ❖ The latest electronics and CAN bus concept, Plug & Wind technology.



Fig 5: Autoconer X5 – Prepared for the future challenges.

Summary

The total sum of many deliberately designed features provides the performance boost for the Autoconer X5. In terms of concept the Autoconer X5 is designed for maximum flexibility. With the Autoconer X5 you set the tempo and provide the impetus in the textile sector, dictating the pace, direction and rhythm to secure the best market opportunities.◆