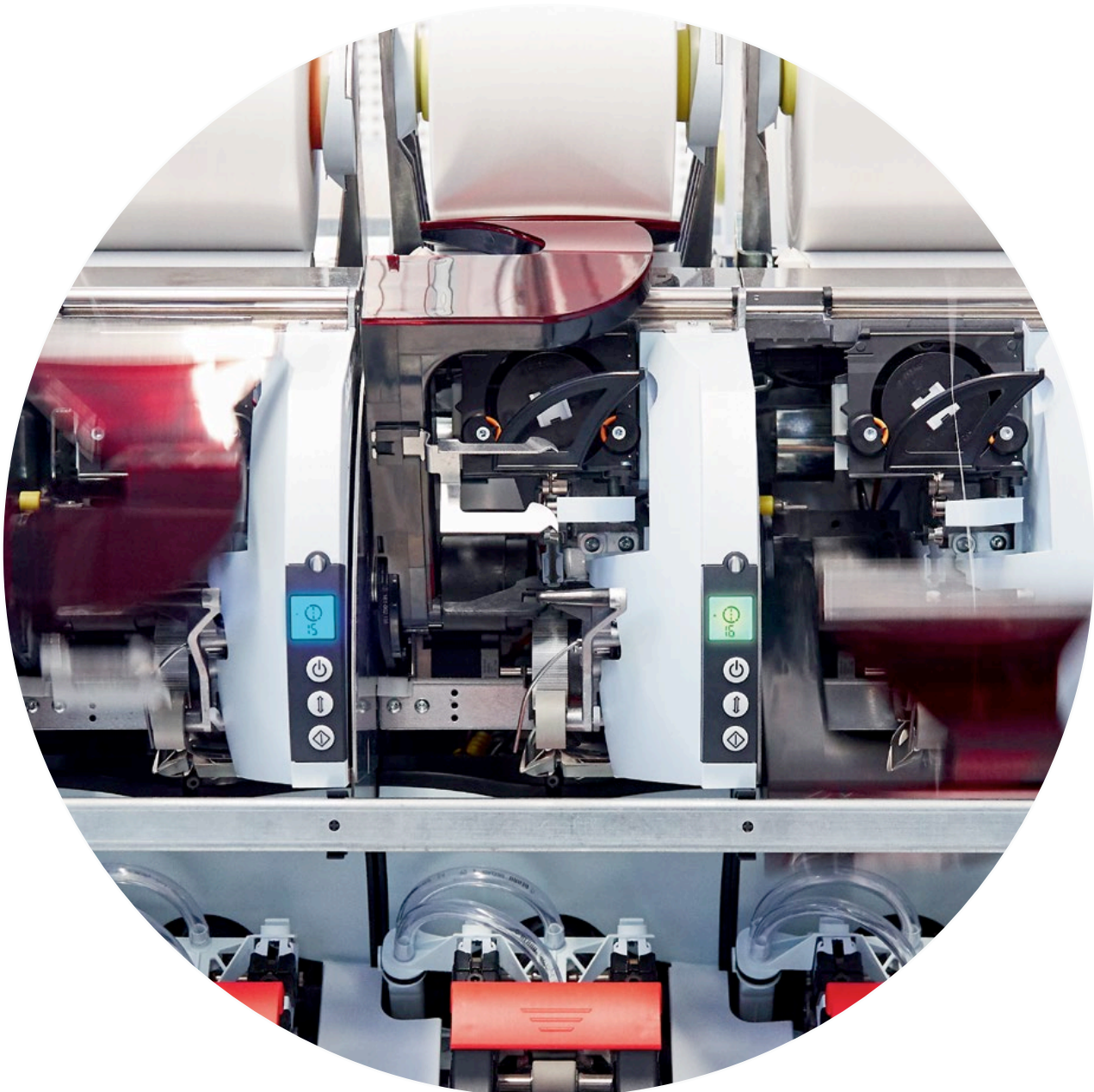
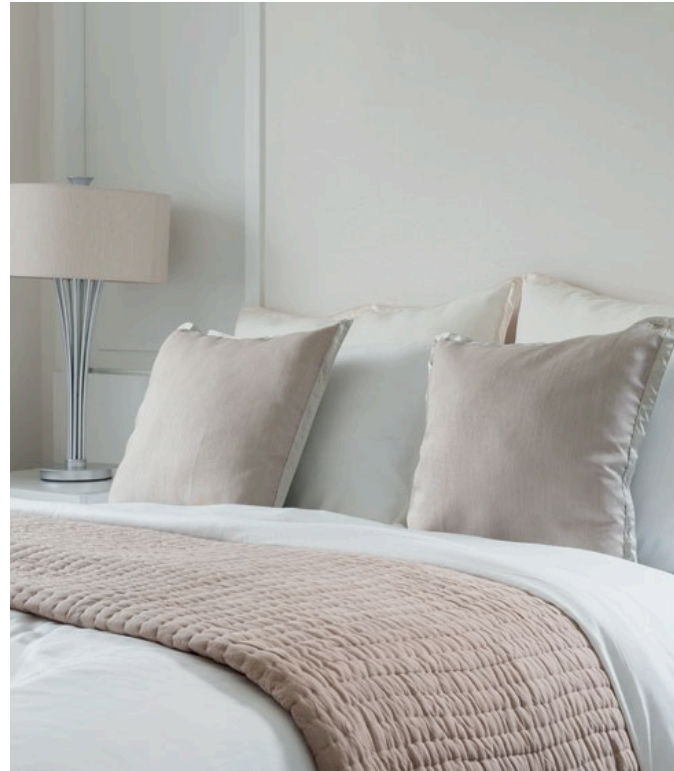


SAURER.



Think progress.

Autoairo





Schlafhorst Systems offer the highest versatility in the market. Whether an application requires the uniqueness and productivity of air spinning or the smart flexibility of rotor spinning, we have the solution for you. Starting from the blow room and carding, the Schlafhorst Systems are designed to ensure the excellent utilization of any kind of fibre.

E³: Optimising energy, economics and ergonomics, adding intelligence. With our customers' needs always top of mind, E³ forms the basis of our design philosophy.

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Highlights

- **SynchroPiecing and TurboStart for higher efficiency and faster run-up**
- **MultiLot, simultaneous production of up to 4 lots on one machine**
- **Seamless lot change for lot changes at full production**
- **PilotSpin for spinning trials at full production**
- **Visualisation of spindle efficiency and empty cans for reduced workload of operators**
- **In-Line DigiPiecing, AiroLab yarn cleaner and DigiWinding FX for perfect yarns and packages**
- **Mill management system Senses for analysing all spinning data in one program – in real time, safely and from anywhere**

Economics

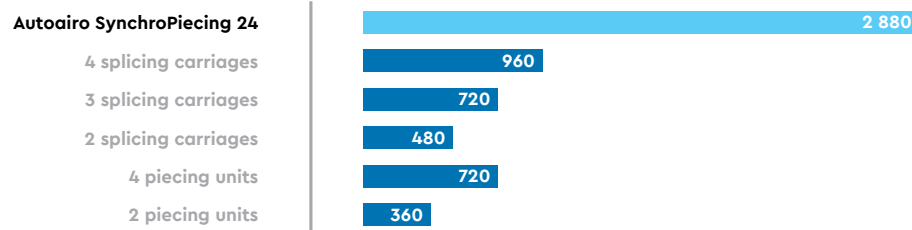
Economics

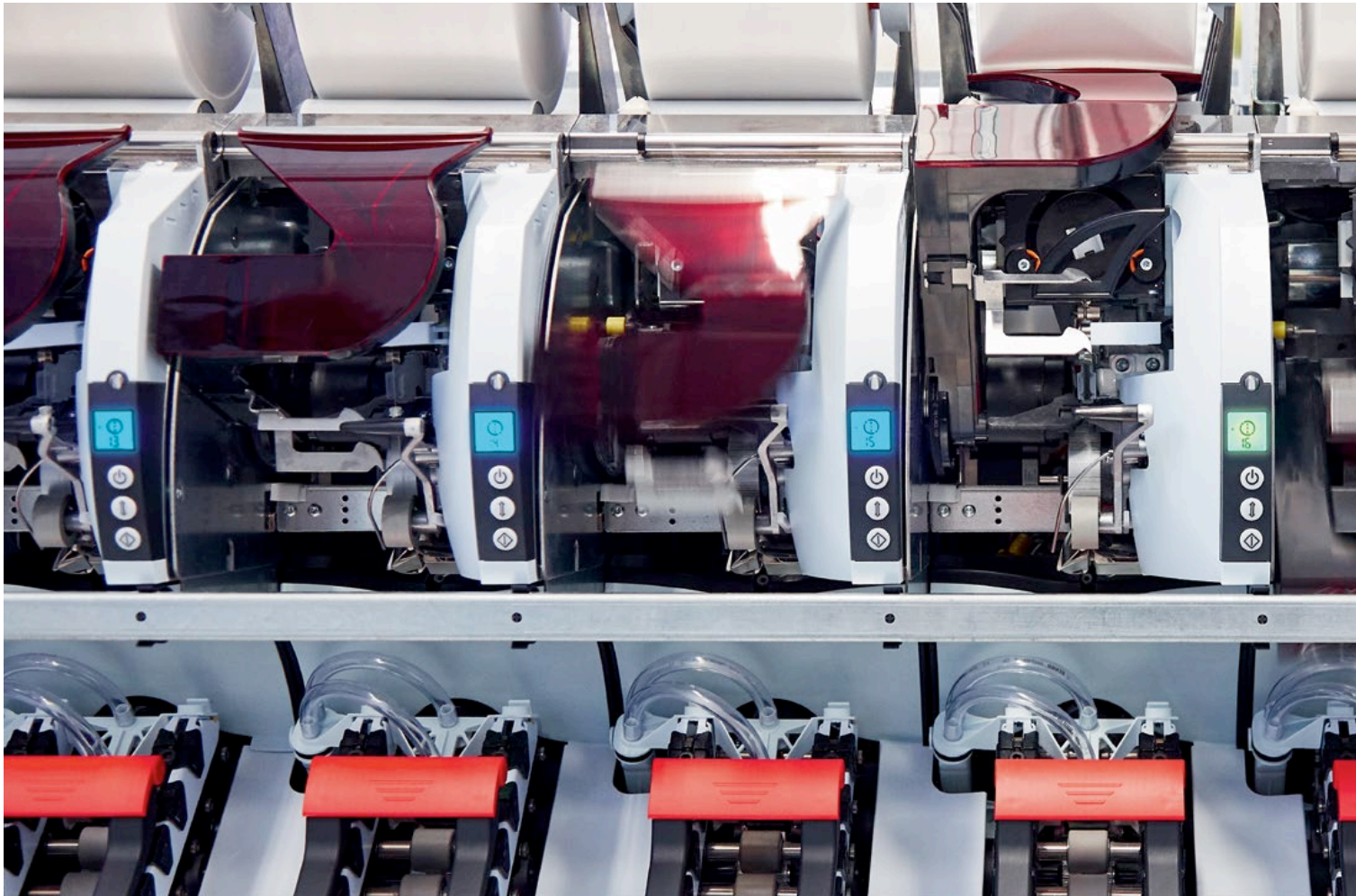
- Highly profitable air spinning
- Pioneering automation and digitization
- 100 % higher piecing capacity
- 40 % lower space requirement
- 30 % faster run-up
- Minimum energy costs
- Maximum cost transparency due to energy monitoring
- Unrivalled productivity
- Reduced workload
- High-quality Belairo yarn

Through cutting-edge research and development, we boost our clients' profitability by improving our products' flexibility, increasing output and saving on raw material. Increasingly, our machines are also becoming smarter, reducing the need for human involvement, which allows our customers to save on cost.

Maximum number of piecers

per hour



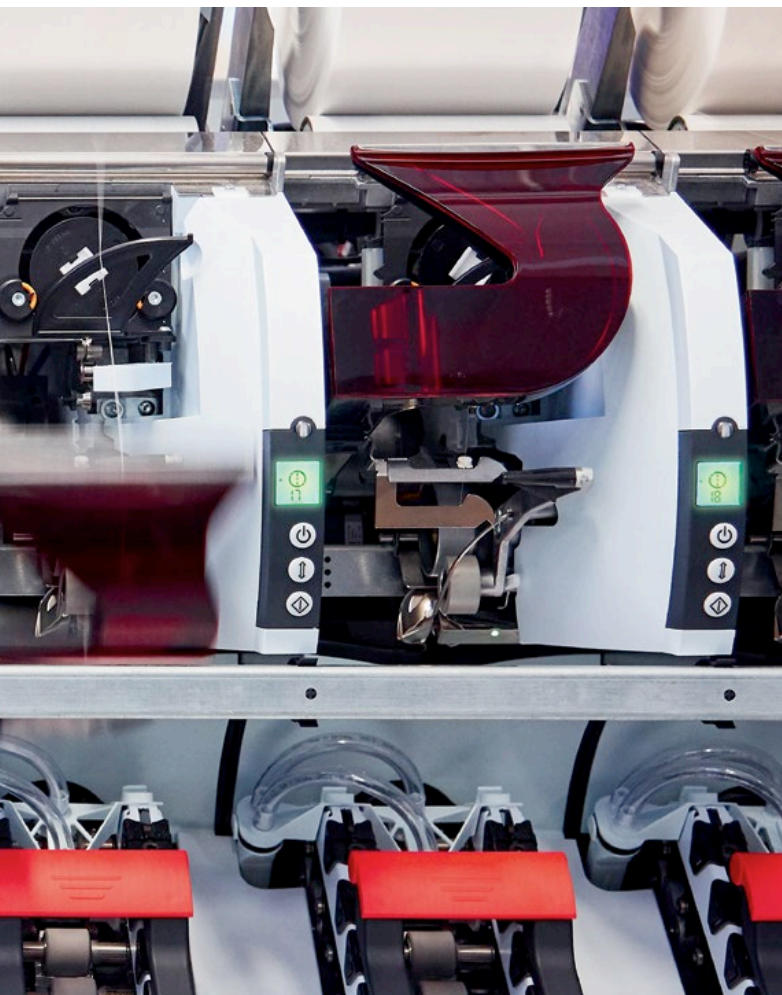


Think progress

It's time to rethink air spinning. Saurer has combined its most advanced automation solutions with proven air spinning technology to create an air spinning machine with unique properties. The Autoairo has arrived. It's better. It's more productive. It's revolutionising air spinning.

New profitability

Companies which produce outstanding yarn quality faster, more safely and more reliably will redefine profitability. The intelligently automated Autoairo with its digital units exceeds the previous standards for efficiency, productivity and economy. Companies which produce highly prized air-spun yarns on the Autoairo will experience a new competitiveness in all markets.



More yarn

SynchroPiecing 24

Each individual spinning position in the Autoairo spins independently: with tried-and-tested DigiPiecing. For more than ten years, digital piecing technology has been increasing the productivity of successful spinning mills in almost one million spinning positions. With SynchroPiecing 24, the Autoairo performs up to 24 piecing processes simultaneously. The piecing capacity is twice as high as with conventional machines. The spinning position continues production immediately after yarn breaks instead of waiting for central piecing units. Efficiency is boosted and new technological applications become possible.

TurboStart

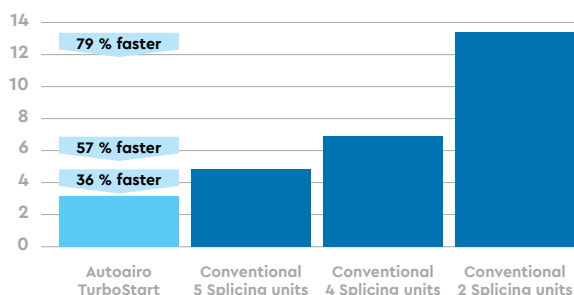
The Autoairo reaches its productivity peak faster than other air spinning machines. Twenty-four simultaneous piecing processes shorten the run-up time by at least 30%.

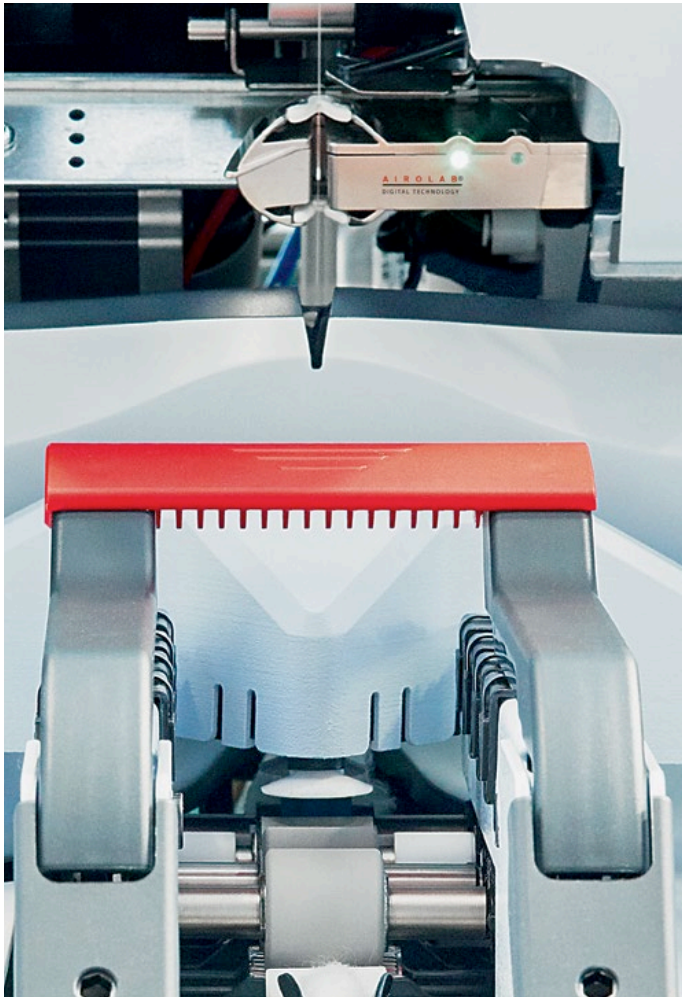
Compact, double-sided design

The Autoairo requires 40% less space than machines designed to operate with one side. This means more productivity per square meter. The profitability of existing spaces is increased. Investors can plan spinning mills in a more compact and flexible way. Construction times are shortened. Construction costs are reduced. Operating costs, for example for air conditioning, are lower. Investments pay for themselves faster.

Run-up time for 96 spinning units

in minutes





Unsurpassed quality

Belairo seal of quality

Digital technologies such as DigiPiecing, DigiWinding and AiroLab guarantee yarns and cross-wound packages of outstanding quality. Autoairo yarns therefore deserve their own seal of quality: Belairo. Under this name, Saurer's customers will in future be able to market their air-spun yarns more easily and more profitably.

DigiPiecing

For over ten years, DigiPiecing has been the benchmark for digital piecing at almost one million spinning positions. This in-line technology, in which the yarn is always guided in a straight line, guarantees reliable and invisible yarn connections.

AiroLab

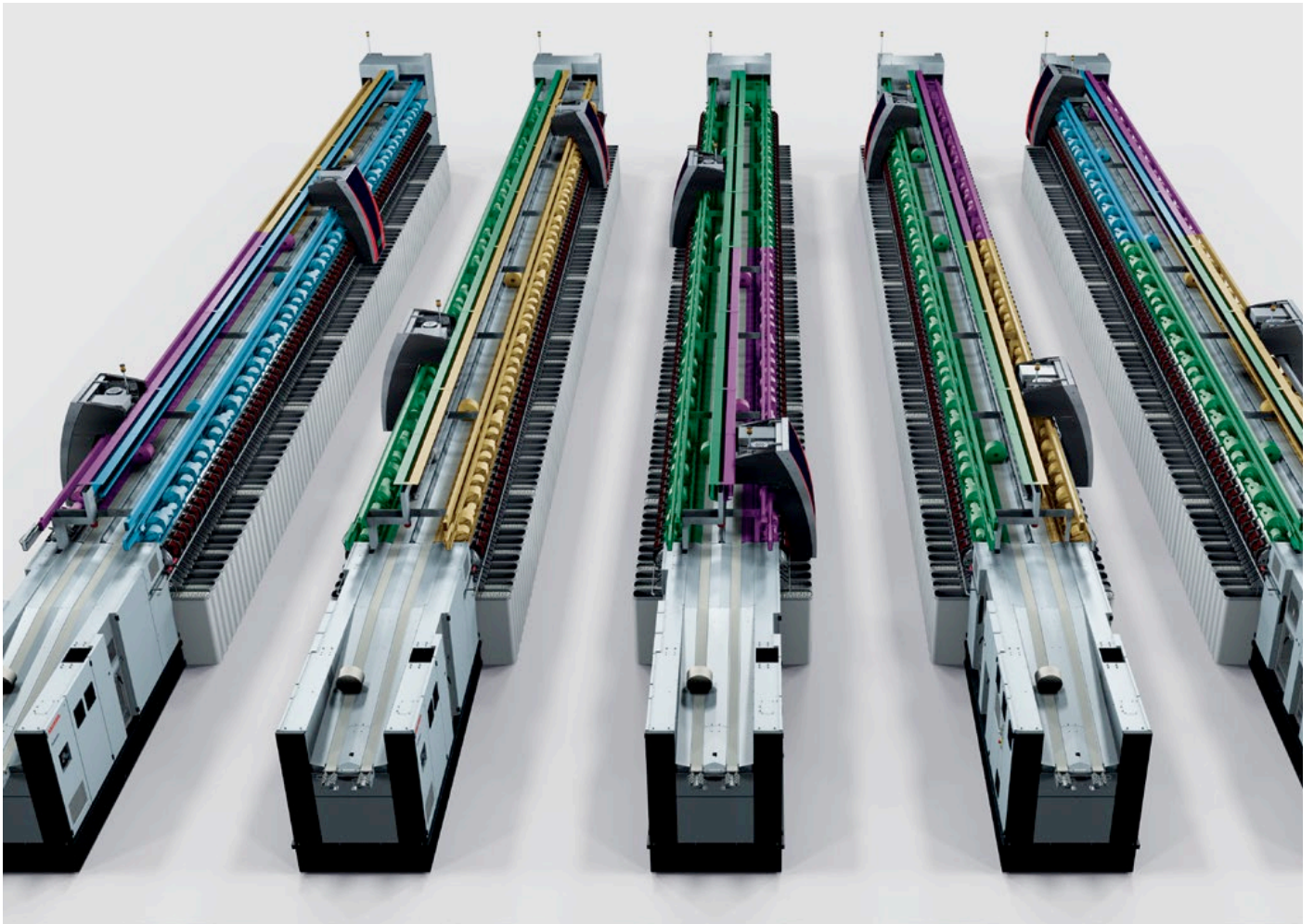
More than 30 years of experience have gone into the digital yarn clearer of the Autoairo. It has been specifically designed for the high spinning speed and the specific yarn structure encountered during air spinning. It reliably guarantees the defined yarn quality.

DigiWinding FX

The market-leading digital winding technology has been a proven guarantor of cross-wound packages in an optimised process for many years now. The Autoairo provides spinning mills with effective competitive advantages. Your products offer outstanding knitting and weaving properties with unsurpassed performance and increased added value.

Perfect and high economic packages





Efficient mill management

Simple lot planning

Thanks to MultiLot, the Autoairo is the only air spinning machine capable of spinning four lots at the same time. PilotSpin reserves up to 12 spinning positions for test spinning, while production continues at the remaining spinning positions. The Autoairo masters smooth lot changes at the full production rate. This eliminates the need to take downtime into account in lot planning.

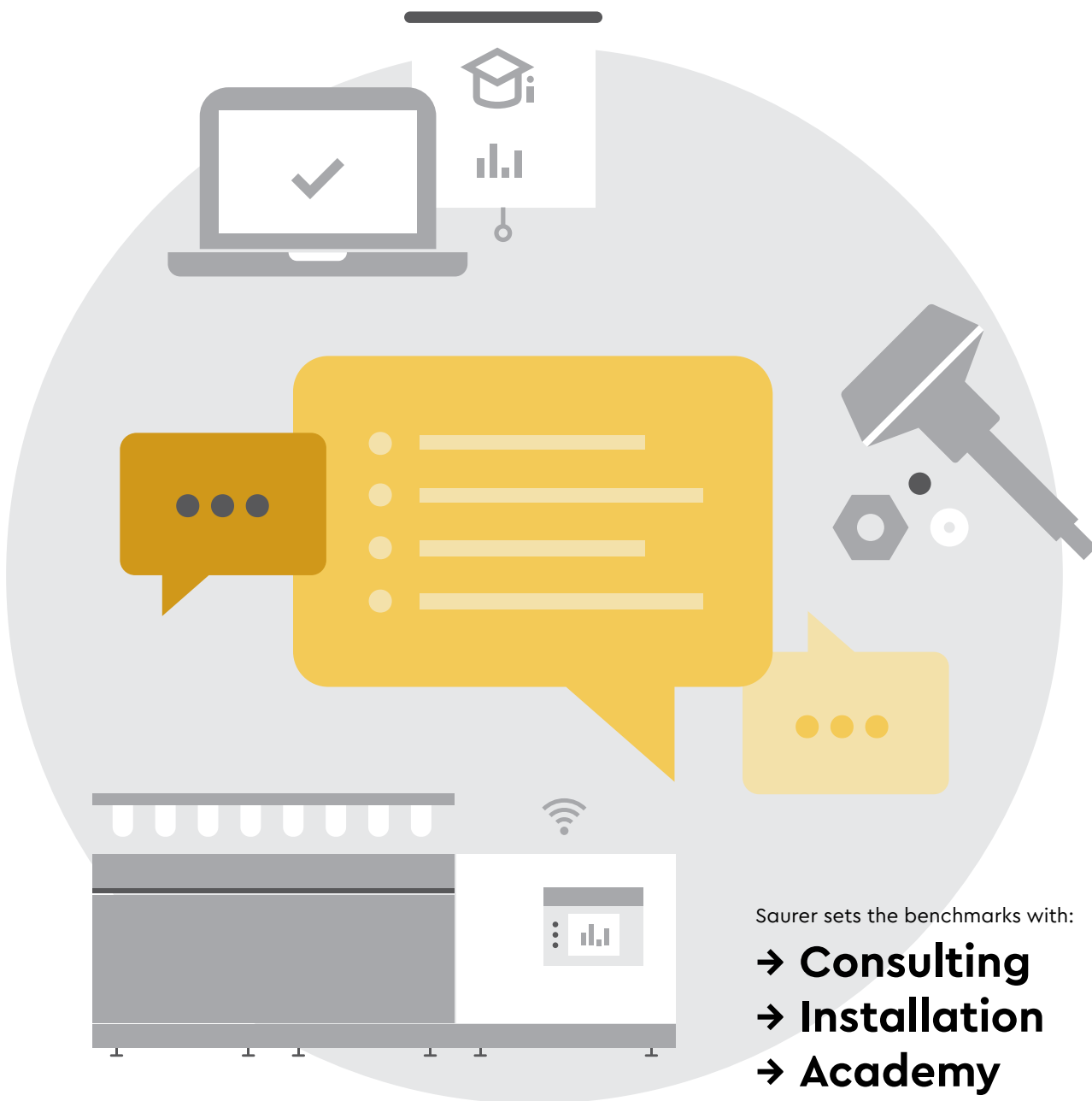
Fast troubleshooting

The Autoairo communicates efficiently with personnel via an innovative LED light strip with memorable colour symbols. Poorly running spinning positions and empty cans are signalled promptly. The operator can react quickly and directly.

Senses – the new mill management system

Senses is the new Saurer mill management system for the entire textile value-added chain. The information system collects, bundles and visualises the production, quality and machine data of your entire spinning mill. The application delivers valid information to management and the machine operators in order to profitably optimise the use of raw materials, material, time, personnel, energy and capital. Senses is therefore the ultimate addition to your Saurer machinery. The application runs on all smart devices, adapts to your demands and can be upgraded to new Senses Elements at any time in the Saurer Software Shop. Use your new digital senses and sustainably optimise the profitability of your textile business through real-time information and big-data mining.

Sun



Saurer sets the benchmarks with:

- **Consulting**
- **Installation**
- **Academy**
- **Original Parts**
- **Maintenance**
- **Updates and Upgrades**

Sun – Service Unlimited

Strong and reliable life-cycle partnership.

Unique smart solutions to increase the benefit to the customer.

Notable performance and sustainability throughout the machine lifetime.

Sun is a bundle of differentiated services that add real value to Saurer machinery throughout its entire life cycle. Highly trained staff using state-of-the-art tools improve our customers' daily operations in a flexible and individual way. We provide the owners of Saurer machinery with innovative solutions and services to improve the product quality, machine performance and profitability.

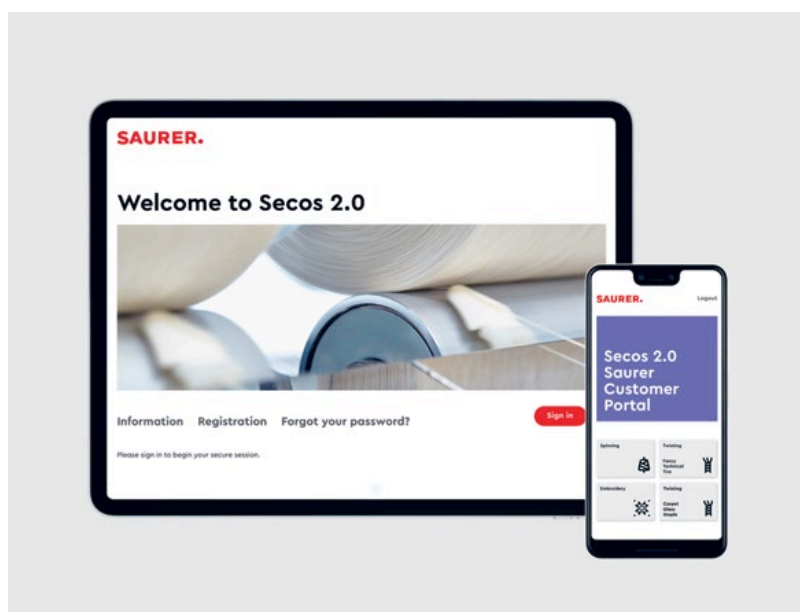
We keep you competitive.

Secos

Saurer Customer Portal

The modular Secos 2.0 customer portal packages all important information about the customer's machine park as well as the services available.

- Order Saurer original parts quickly through the Secos e-shop. The most common wear parts for each machine type can now be found more easily with photo catalogues.
- Find instead of searching: all your data, all your machines, all your original parts at a glance
- Convenient order management with order history going back 5 years
- Quick finder functions with one-click buttons for favourites and current Saurer offers



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Our quality management system
complies with the requirements of
EN ISO 9001.



Regarding this brochure

Research and development never stand still. This may mean that some statements about the Autoairo have been rendered obsolete by technical progress. The illustrations are selected for informative content only. They may contain special equipment which is not included in the standard scope of supply.