

# Autocoro 8

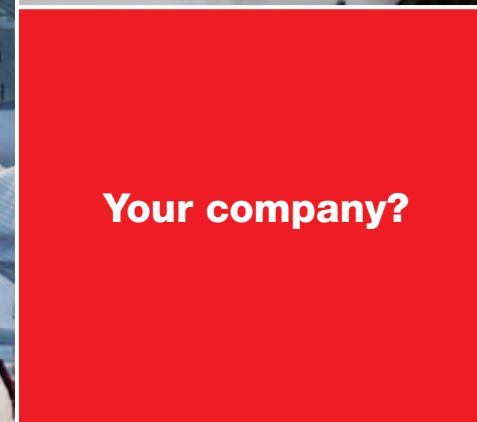
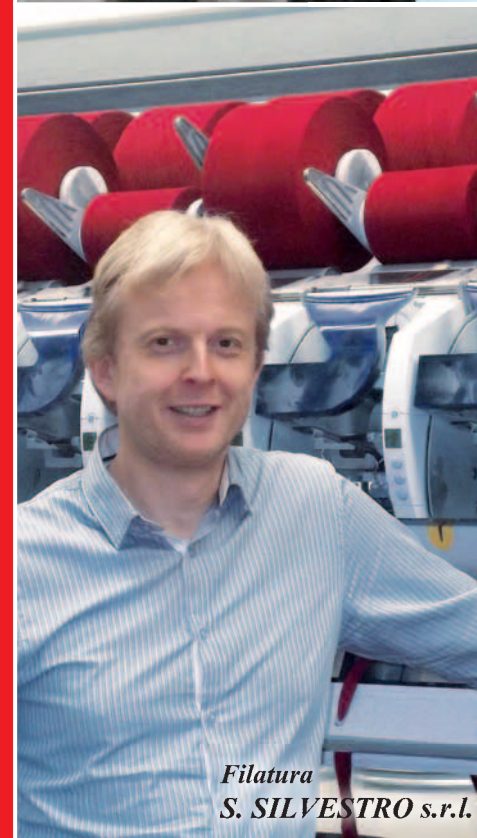
The high-tech revolution  
in rotor spinning

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ESTABLISHED PRODUCTS,  
RELIABLE QUALITY, NEW  
DESIGN, AND THIS IS ONLY  
THE BEGINNING.

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# Autocoro 8


The high-tech revolution  
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**The Autocoro 8 revolutionizes rotor spinning. No matter whether frequent lot changes are required or commodity yarns are being produced, spinning plant managers are really enthusiastic about the new possibilities opened up by the Autocoro 8. Several hundred machines across the globe provide clear evidence that the Autocoro 8 delivers what it promises: more efficiency, more productivity and more flexibility than ever.**

**Its revolutionary technologies enable lower production, energy and logistics costs – and a yarn and package quality that sets new standards and is attractive to weaving and dyeing plants alike.**



**Discover a new experience in rotor spinning – with individually driven and automated spinning positions and fully digital technology for piecing, package structure and yarn control.**



**In short – discover the Autocoro 8.**







# Autocoro 8



## Basic equipment










 Up to 480 spinning positions  
Page 34



 2 DCU package doffing and cleaning units with EIS  
Page 34
















 Lean maintenance  
Page 30




 Tube magazine  
Page 24

 Informator  
Page 21




 Autonomous individual spinning position  
Page 17

 Magnetically mounted and driven Belcoro rotor  
Page 17




-  Cylindrical packages up to 300 mm in diameter  
Page 34
-  Digitally controlled winding process for take-up speeds up to 250 m/min for any length of machine  
Page 34
-  SynchroPiecing 6  
Page 18, 30
-  Digital piecing – DigiPiecing  
Page 21
-  Integrated, digital Corolab XQ sensor system for yarn quality and piecing monitoring  
Page 21
-  Spinbox SE 20  
Page 17, 29
-  EVA Electronic Vacuum Adjustment for a constant and electronically controlled spinning vacuum  
Page 34






"The Autocoro 8 is the best rotor spinning machine which we had in our 25-year company tradition."



"The Autocoro 8 is the future of rotor spinning. It combines top flexibility, top reliability and highest productivity."



"My machine of the future is called Autocoro 8."



"The new Autocoro 8 is our perfect partner for a successful future."



# Autocoro 8 Options

DigiWinding

Page 22



FlexPack

Page 23



Digitally controlled winding process for take-up speeds up to 300 m/min for any length of machine

Page 19



Additional package cradle damping for manmade fibres

Page 34



Waxing unit

Page 34



QuickStarter

Page 18



Control unit with menu navigation using pictograms

Page 34



Digital Corolab XF sensor system for yarn quality and piecing monitoring and foreign fibre elimination

Page 21



Fancytation integrated fancy yarn device

Page 27



Plant Operation Centre (POC)

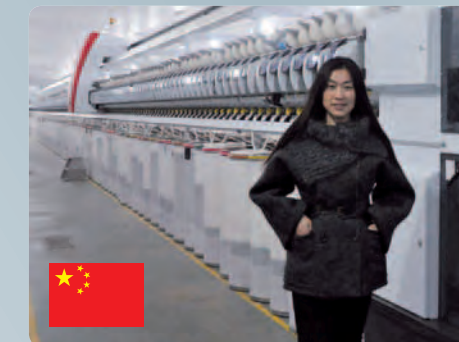
Page 31



"With the Autocoro 8 we could attract a lot of new customers."



"As a result of the Autocoro 8 investment we have become the market leader in Africa."



"We are convinced of the flexibility and productivity of Autocoro 8."



"With the new Autocoro 8 we benefit from increased efficiency, greater production, better quality yarns and packages"

4 DCU package doffing and cleaning units with EIS

Page 34



MultiLot 3 / MultiLot 5 tube magazine with single-motor drive Automatic tube colour detection

Page 26



PilotSpin

Page 25



Seamless lot changes

Page 26







**More production**



**More quality**



**Less energy**



**Less raw materials**



**More flexibility**



**Less downtime**



**Less personnel**



**Lower logistics costs**



**Fewer wearing parts**



# Optimal performance for large-scale producers is offered by the Autocoro 8 even in its standard configuration

In its standard configuration the Autocoro 8 meets the quality and economy requirements of large-scale producers.

Thanks to the single-drive technology, which has been successfully used in Oerlikon Schlafhorst machines for decades, you can now produce your large orders significantly quicker, better and more economically than ever before.



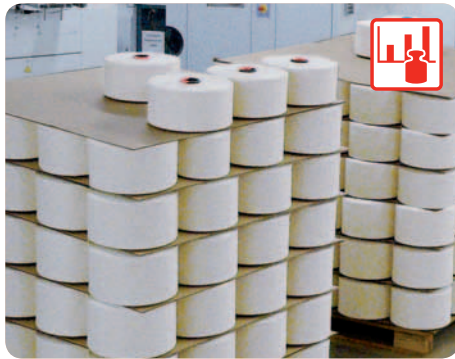
## Clever automation

Each individual spinning position has its own integrated DigiPiecing technology. This enables direct piecing at all times – with no waiting periods. Even in its standard configuration your Autocoro 8 can make up to six piecings simultaneously. You are therefore well set to meet the challenges of fluctuating spinning stability and the new quality requirements of your customers.



## Improved efficiency

Compare efficiency ratings at the end of the year. The Autocoro 8 with its rapid and intelligent technology guarantees a significant increase in performance. No matter whether you change lots rarely or frequently or how often you start up your Autocoro 8, your annual efficiency will be consistently high for all raw materials and applications.



## Higher productivity

Exploit your potentials – with higher rotor speeds and take-up speeds up to 250 m/min. Even in its standard configuration the Autocoro 8 offers maximum freedom, from which Europe's leading spinning mills benefit day after day. The Autocoro 8 delivers up twice as much productivity as older machines with belt drives.



## Lower raw material costs

Save on raw materials. Your intelligent management of raw materials now pays off handsomely – with no sacrifices in terms of productivity or efficiency as your Autocoro 8 easily compensates for quality fluctuations.



## Maximum quality assurance

With the Autocoro 8 maximum yarn quality comes as standard – thanks to the integrated digital Corolab XQ yarn quality and piecing sensor unit. This means that each individual spinning position automatically produces the quality you need for successful production.



## Reduced spinning costs

From the energy-optimised spindbox to the flexible individual spinning position – the Autocoro 8 technology concept realises a new level of resource efficiency. Unproductive, energy-consuming idling times are eliminated. The Autocoro uses energy and personnel solely for production, not for stoppage periods. The reduced need for maintenance is a further significant factor here.



# Autocoro 8

## The high-tech revolution in rotor spinning



### New productivity potentials

Autonomous individual spinning positions .....	17
Precision rotor with magnetic drive .....	17
SynchroPiecing 6 .....	18
With QuickStarter for 12x synchronicity .....	18
Top productivity at full machine length .....	19



### Higher-quality yarns, process-optimised packages

DigiPiecing .....	21
Digital yarn monitoring with Corolab .....	21
DigiWinding .....	22
Packages that reduce costs by a factor of 6 .....	22
These packages make profits .....	23
Tailor-made packages with FlexPack .....	23



### New flexibility for large and small lots

Flexible individual spinning positions .....	25
Integrated yarn tests with PilotSpin .....	25
Multi-lot technology .....	26
Seamless lot changes .....	26
Fancynation – revolutionary and flexible .....	27





## Reducing costs, optimising raw material use

Lowering spinning costs .....	29
Energy efficiency .....	29
High efficiency for each raw material .....	30
Intelligent lean maintenance .....	30
Plug and spin .....	31
Central data management .....	31



## Made by Oerlikon Schlafhorst

Our know-how, your success .....	33
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## Technical details

Technical data .....	34
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# New productivity potentials



- > Revolutionary individual spinning position technology
- > Individually automated spinning positions with integrated piecing
- > Newly developed SE 20 spinbox
- > 100% contactless rotor positioning and drive using magnetic force
- > Rotor motor designed for speeds up to 200,000 rpm

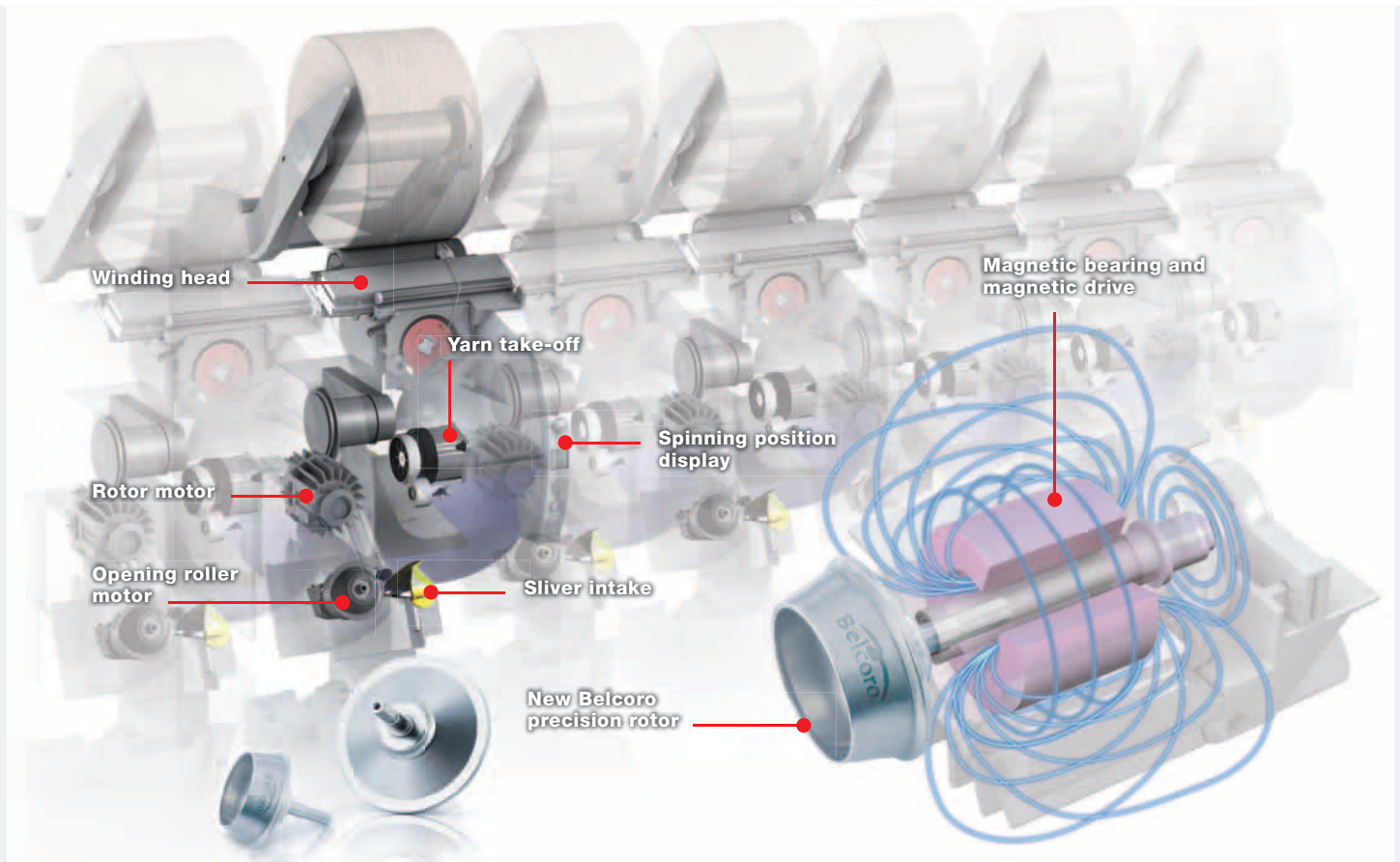




# Revolutionary individual spinning position technology makes your business faster

Autonomous individual spinning positions

Precision rotor with magnetic drive



## Groundbreaking concept opens up previously unknown potentials

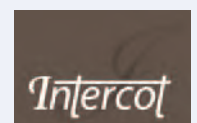
The new Autocoro 8 is based on an innovative machine concept. Restricting central drives have been completely replaced by single-motor drives and intelligent software.

Each spinning position forms a self-contained production unit. The spinning and winding processes of each spinning position are autonomous, and piecing, too, is fully integrated in the spinning position. The Autocoro 8 therefore does away with nearly all the limits that have restricted rotor spinning for over 30 years and opens up completely new potentials.

## Rotor demonstrates next-generation technology

The heart of the new SE 20 spinbox is the rotor motor with its friction-less magnetic rotor drive and bearing technology. The rotor itself demonstrates the technology concept of the new era of rotor spinning. Absolute reliability and safety are guaranteed at all times as this new technology is designed for speeds up to 200,000 rpm.

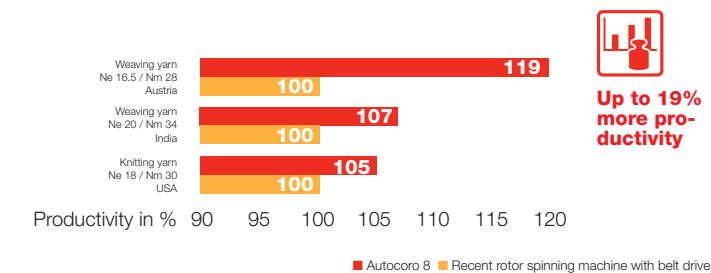
Customers all over the world have expressed their enthusiasm: "The Autocoro 8 is tailored for our company: With high productivity and high flexibility."  
Intercot S.A., Spain





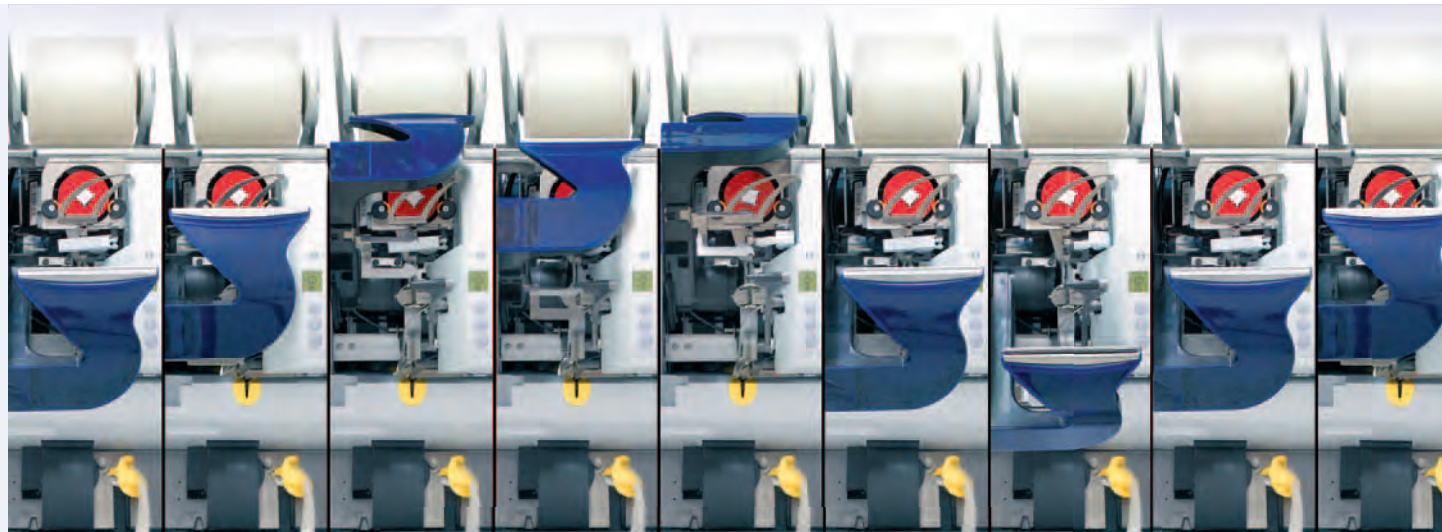
# Significantly greater speed and productivity

## Autocoro 8 versus recent rotor spinning machines with belt drive

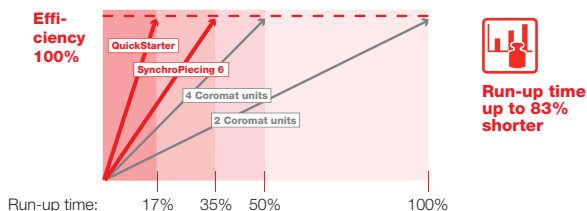


## SynchroPiecing 6

## With QuickStarter for 12x synchronicity



### Autocoro 8 Up to 5 times faster run-up



### Higher piecing capacity for greater efficiency

Since with the Autocoro 8 piecing is completely integrated in the spinning position, waiting times have been eliminated and piecing capacity has been dramatically increased, thus improving efficiency and productivity. Efficiency levels remain high even for raw materials that call for frequent piecing or that require particularly stringent settings for yarn quality monitoring.

With SynchroPiecing 6, up to 6 spinning positions piece simultaneously – directly and automatically. The Autocoro 8 effortlessly balances uneven or low spinning stability.

### Rapid startup with 12 synchronous piecing processes: QuickStarter

Run-up times after machine start-up at lot change, after a power outage and after machine clearing are now so short that their effect on efficiency is negligible.

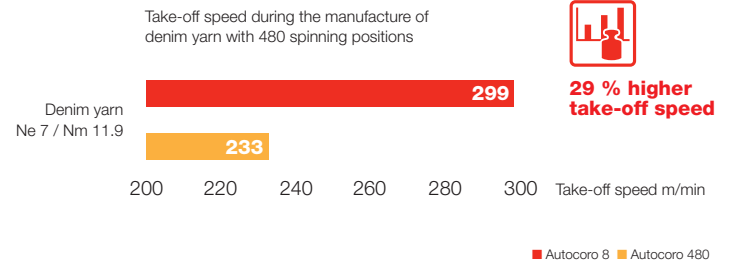
With the QuickStarter unit, spinning plants with very frequent machine run-up can even piece simultaneously at 12 spinning positions.

“With the Autocoro 8, machine run-up is quicker than ever before.”  
Ariston S.r.l, Italy

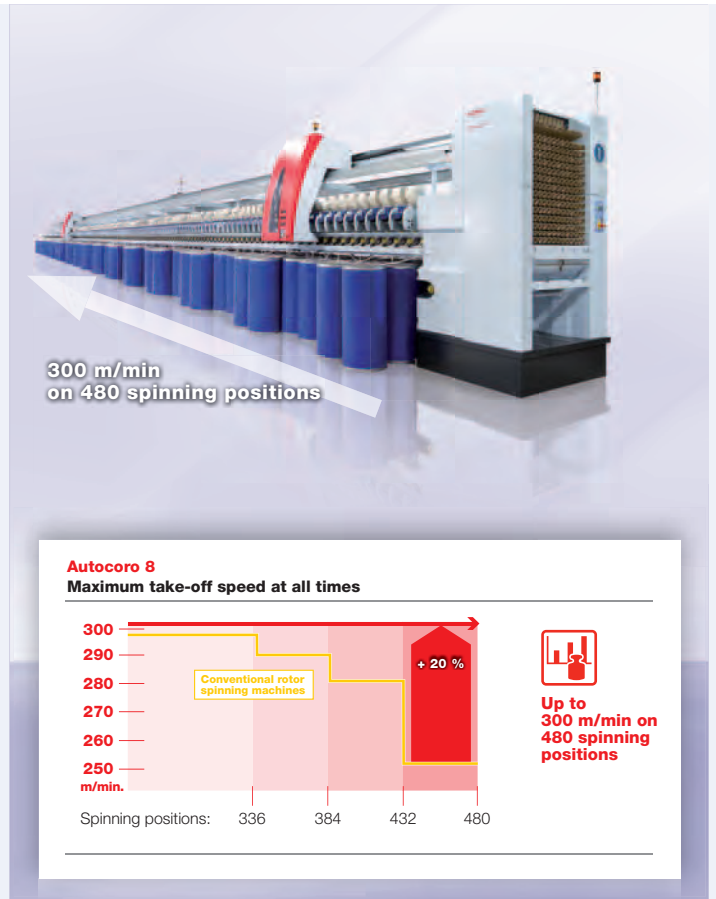
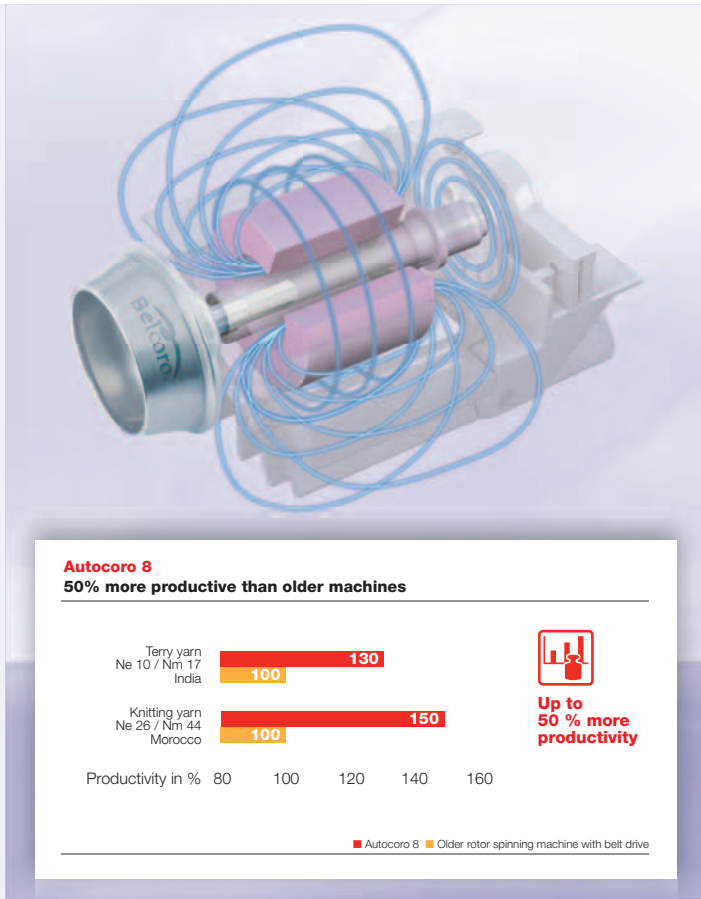
**ARISTON srl**



## Denim: Over 3.8 tonnes of additional production per machine per day



## Top productivity at full machine length



### Increasing rotor speeds

The rotor speed can also be easily increased with the new technology as the Autocoro 8 perfectly compensates for fluctuating spinning stability. Practical examples from different markets show productivity increases of up to 50% compared with older machines and up to 20% compared with more recent belt machines.

“With the new Autocoro 8 we benefit from increased efficiency and greater production.”  
Fruit of the Loom, Morocco



### High-tech solution for new productivity potentials

Decreasing delivery volumes with increasing machine length? That's now a thing of the past. The Autocoro 8 knows no mechanical limits. Since the Autocoro 8 replaces the central drive with innovative single drives, it allows you to achieve outstanding productivity with any length of machine of up to 300 metres of yarn per minute.



## Higher-quality yarns, process-optimised packages



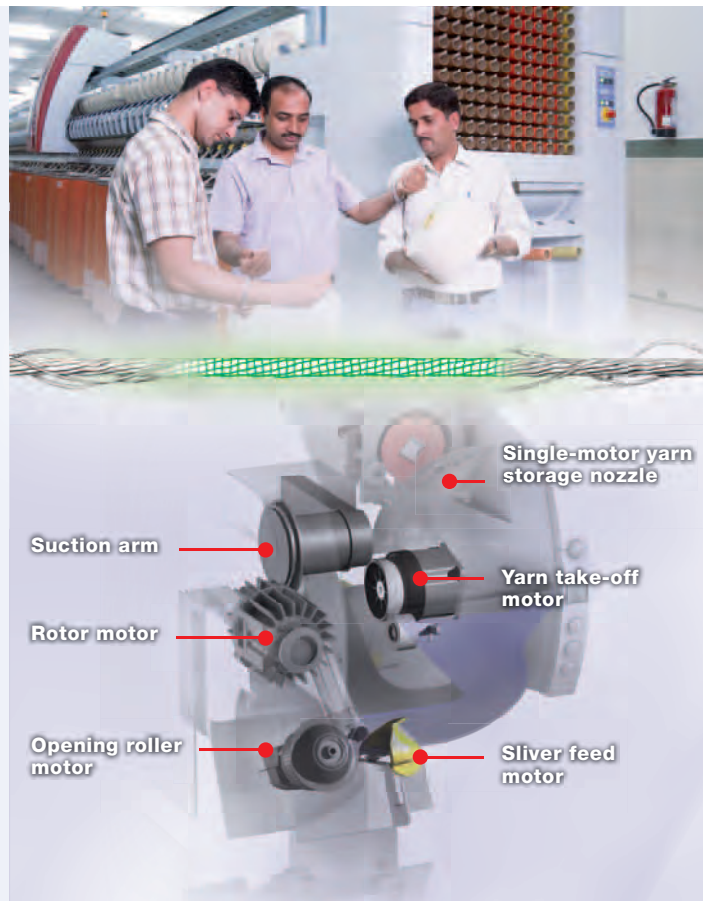
- > Completely digitally controlled quality
- > DigiPiecing: Piecings that are indistinguishable from the parent yarn thanks to digitally controlled precision piecing technology.
- > DigiWinding: Digital winding technology for cost savings along the entire process chain from spinning to weaving





# Leading digital technology for even better Autocoro yarns

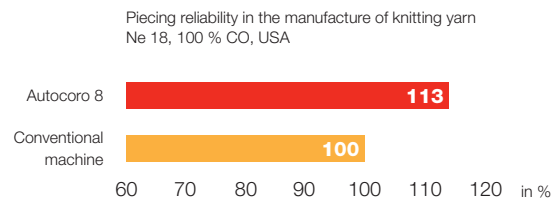
## DigiPiecing



### 100 % digital piecing, directly and completely at the spinning position

DigiPiecing has proven its worth across the world and is of course integrated in the Autocoro 8. The digital control unit for the spinning position starts piecing immediately after yarn break or clearer intervention. The single-motor drives ensure maximum precision: in sliver intake, in rotor start-up by means of the single rotor motor and in yarn take-off by the yarn take-off motor – reproducibly, reliably and at each individual spinning position. This is a real breakthrough in rotor spinning technology.

## Knitting yarn Ne 18: Increased piecing reliability thanks to DigiPiecing



**13% higher piecing reliability**

## Digital yarn monitoring with Corolab



**30% stronger piecings**

### Digital quality assurance – reliable, intelligent and multifunctional

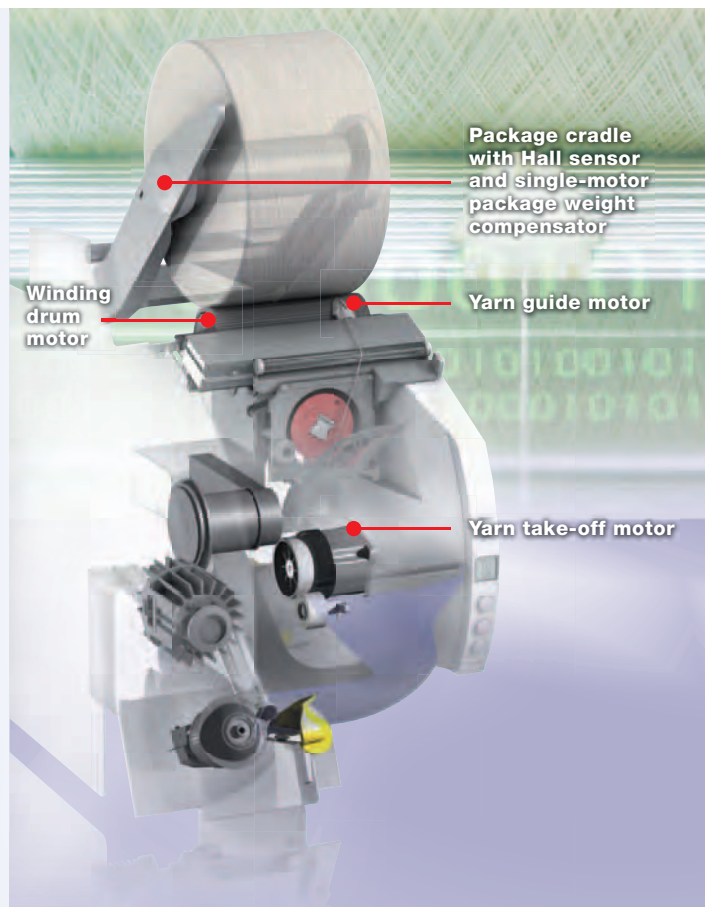
The Corolab XQ or Corolab XF technology in the Autocoro 8 ensures perfect yarns and piecings that deliver what they promise. As well as looking at yarn count variations, the Corolab sensors also analyse the structure of each piecing. Corolab also ensures that slivers that are too thick or too thin are recognized as “incorrect slivers”.

“The Autocoro 8 opens up new markets in the knitting yarn segment. We are now able for the first time to produce even fine knitting yarns with utmost economic efficiency.”  
Özçiçek Tekstil, Turkey



# DigiWinding: Packages for perfectionists and cost-conscious managers

## DigiWinding



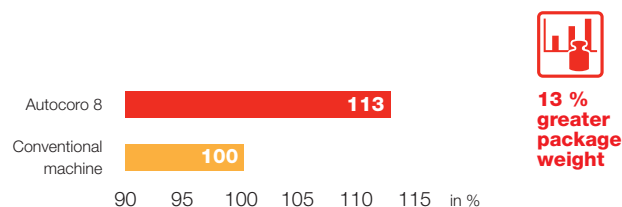
### The best Autocoro package ever

The decades of experience and advanced development capabilities of Oerlikon Schlafhorst in the field of crosswound package design are clearly reflected in the Autocoro 8. The single-drive systems of the leading Autoconer package technology have now been systematically integrated into the Autocoro 8. With the Autocoro 8 you can produce the best packages ever created on a rotor spinning machine.

“As a result of the Autocoro 8 investment we have become the market leader in Africa. Our customers are delighted with the advantages they experience with the yarn and packages produced on Autocoro 8.”  
Prilla 2000 (Pty) Ltd. South Africa

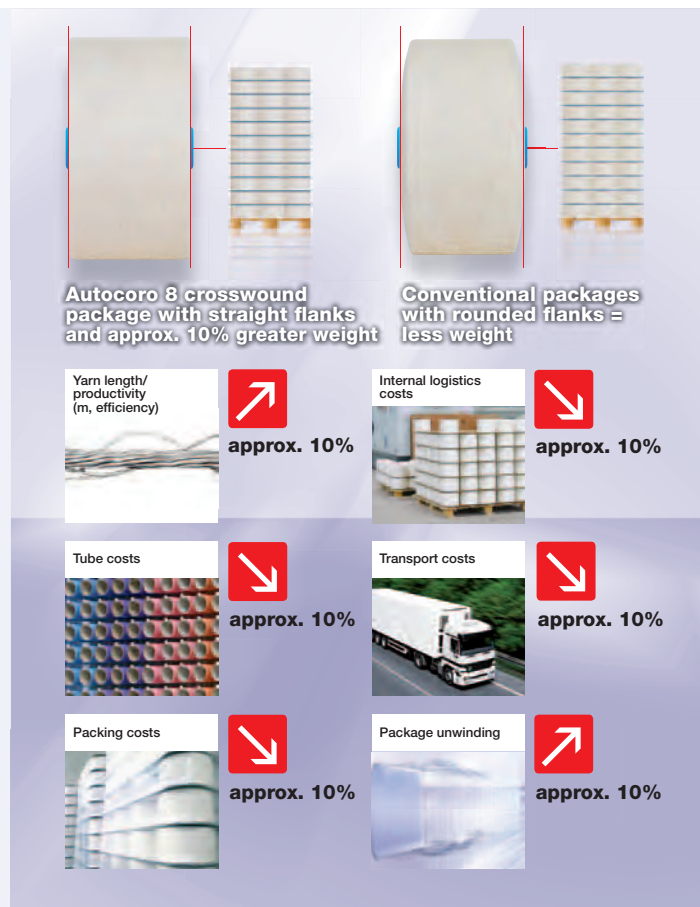


## Synthetic yarns: More weight with the same package diameter



Package weight at Ne 20, 100 % PES  
Package diameter 300 mm, Germany

## Packages that reduce costs by a factor of 6



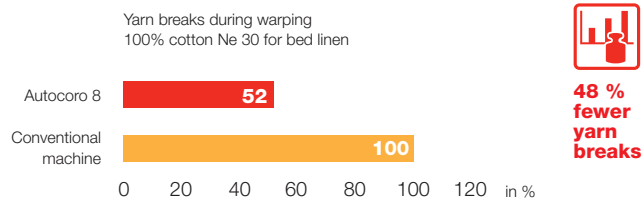
### Save costs from spinning right through to weaving

The Autocoro 8 enables the production of rotor yarn packages with absolutely straight flanks for the first time – for any size of package. The intelligent DigiWinding software ensures dynamic control of yarn traversing coordinated to the relevant package diameter, which prevents the undesirable “cauliflower effect”.

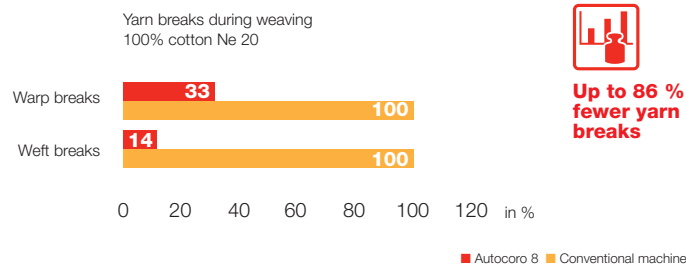
This increases the weight of your packages by around 10% and saves on packing and logistics costs. In downstream processes Autocoro 8 packages reduce costs thanks to longer operating periods and improved unwinding behaviour.



## Cotton Ne 30: Twice the process reliability in weaving preparation



## Cotton Ne 20: Quantum leap in weaving efficiency



## These packages make profits

**Autocoro 8 crosswound package**  
absolutely pattern-free

**Cotton Ne 20: Increased productivity in the weaving mill thanks to better package quality**

Productivity when weaving  
100% cotton Ne 20

Machine	Productivity (in %)
Autocoro 8 crosswound packages	106
Packages from conventional machine	100

96 98 100 102 104 106 108 in %

**6 % more productivity**

## DigiWinding: Dream package without compromise

The unwinding behaviour and dyeing results of the new Autocoro 8 packages are better than any other rotor yarn package thanks to DigiWinding.

## Better processes in the weaving plant

The possibility of disruptive pattern zones and parallel windings is eliminated with DigiWinding. "With the Autocoro 8, we can deliver precisely the quality required by our customers – market-leading weaving mills throughout the world. The yarns reach a productivity level second to none with their high-performance weaving machines."

BST Textile Mills Pvt. Ltd, India

**BST**  
BST Textile Mills Pvt.Ltd

## Tailor-made packages with FlexPack

**Large package with 350 mm diameter**

**Low density 0.35 g /cm³**

## FlexPack, the technology with unlimited possibilities

With FlexPack, Autocoro 8 spinning mills are able to cope with out-of-the-ordinary package formats. For instance, in the case of particularly soft dye packages or packages with very large diameters and exactly straight flanks, FlexPack guarantees perfect results and high levels of productivity even with unusual formats. This benefit is exploited by the Fil Man Made Group in Italy: "The Autocoro 8 opens up enormous freedom for us, starting with very soft dye packages through to very large packages in XXL format."

**fil man made group**

## New flexibility for large and small lots



- > Test and produce at the same time with PilotSpin
- > Seamless lot changes during live production
- > Produce up to five lots at the same time
- > Spin multiple fancy and smooth yarns synchronously – with Fancynation

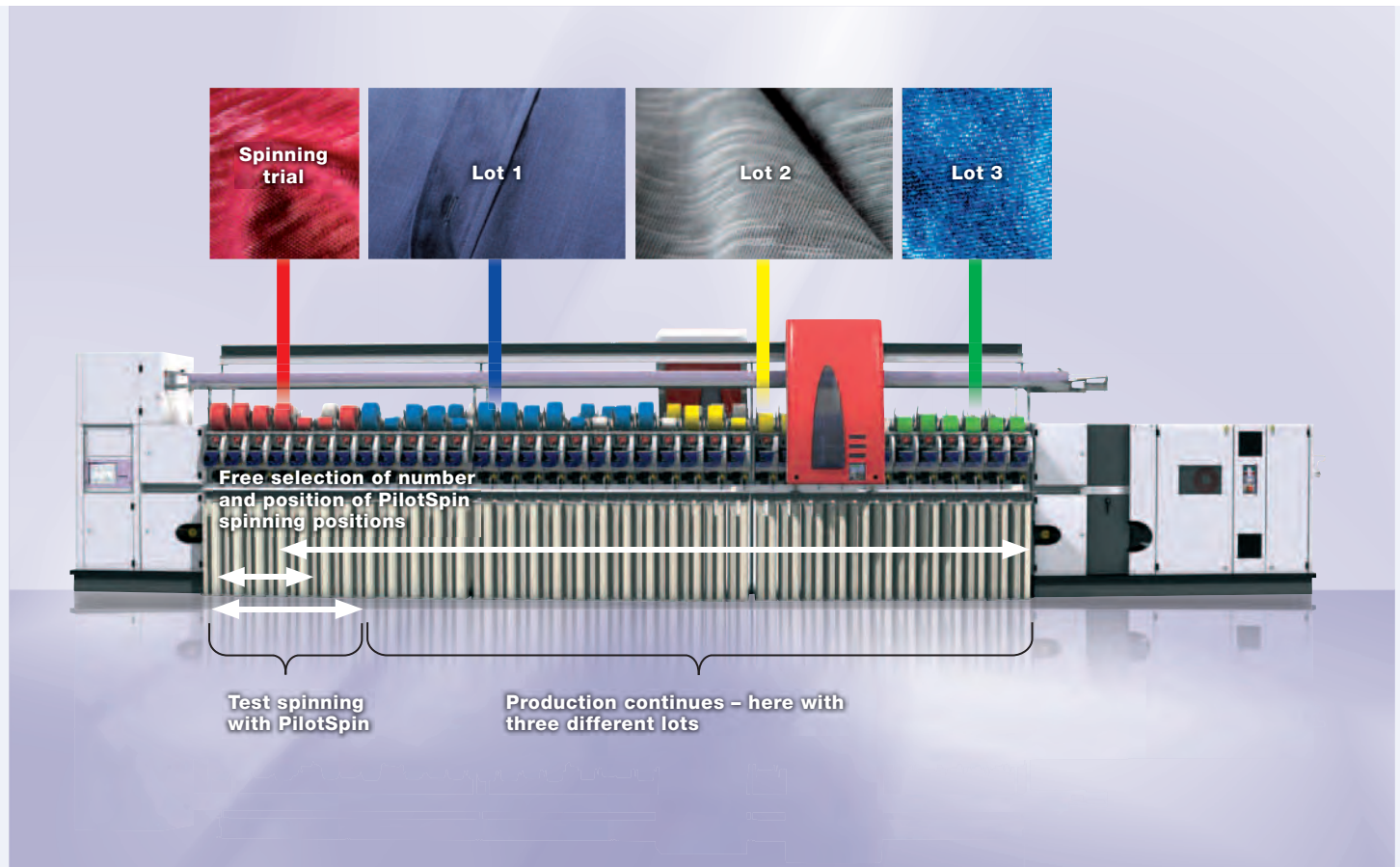




# Anything is possible – simultaneously!

Flexible individual spinning positions

Integrated yarn tests with PilotSpin



## Dreams of flexibility become reality

The individual spinning position concept makes it possible. Each individual spinning position is controlled by intelligent software. This enables you to begin a new lot on individual spinning positions while other positions are still producing the old lot. You can therefore produce fancy yarn and smooth yarn at the same time or perform test spinning while other positions continue to work on a major order.

## Reliability thanks to intelligent software

The Autocoro 8 recognises different tube colours and “learns” which colour belongs to which lot. Incorrect tubes are automatically removed.

## Test and produce at the same time

With PilotSpin you are completely free to define how many and which spinning positions you want to use to produce test packages for the laboratory or your customers. The remaining spinning positions of your Autocoro 8 simply continue to run.

“Thanks to the Autocoro 8’s smart lot management, productivity is substantially higher than with belt-driven machines.”  
Nahar Industrial Enterprises Ltd,  
Oswal Denims, India



# Become as flexible as you'd like

## Multi-lot technology



### Split up and simultaneously produce up to 5 lots according to requirements

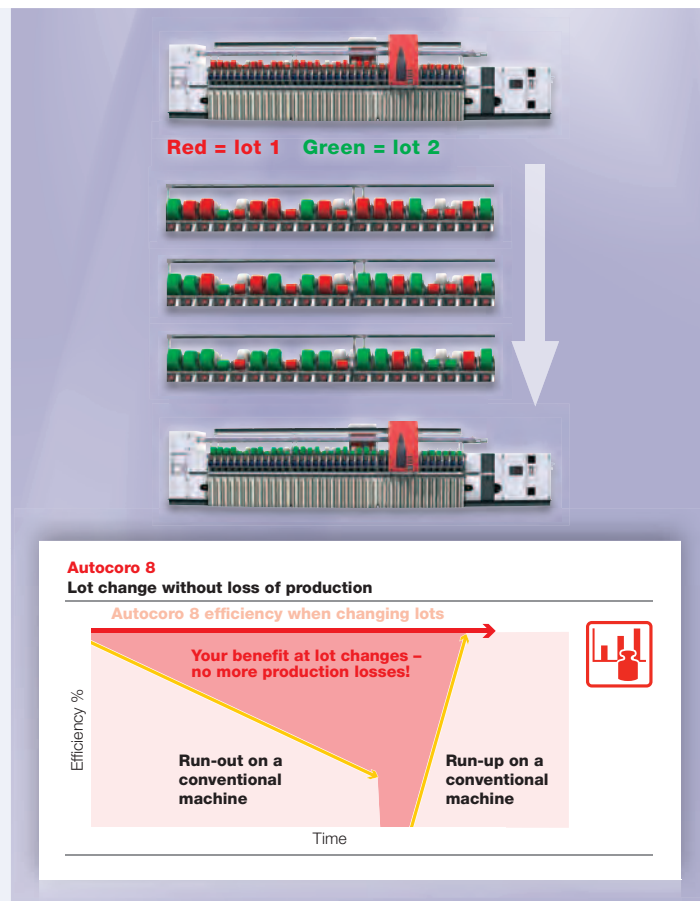
The innovative MultiLot technology of the Autocoro 8 enables you to operate up to five lots in parallel on just one machine. You assign the number and assignment of spinning positions for the individual lots and divide the lots on the machine according to requirements. This enables you to reduce the total number of lot changes and to produce smaller lots just in time with absolute efficiency without having to neglect a large order.

“With the new Autocoro 8 we can further improve our high level of flexibility.”

Textile des Dunes, France

*Textile des Dunes*

## Seamless lot changes



### Simultaneous run-up and run-out

The Autocoro 8 is the first rotor spinning machine to manage seamless lot changes with no loss of production, i.e. lot changes without changing spinning components. Here the first lot runs out seamlessly while the next lot starts synchronously – at each individual spinning position. As soon as a spinning position has completed the last package of the first lot, it automatically begins with the next lot.

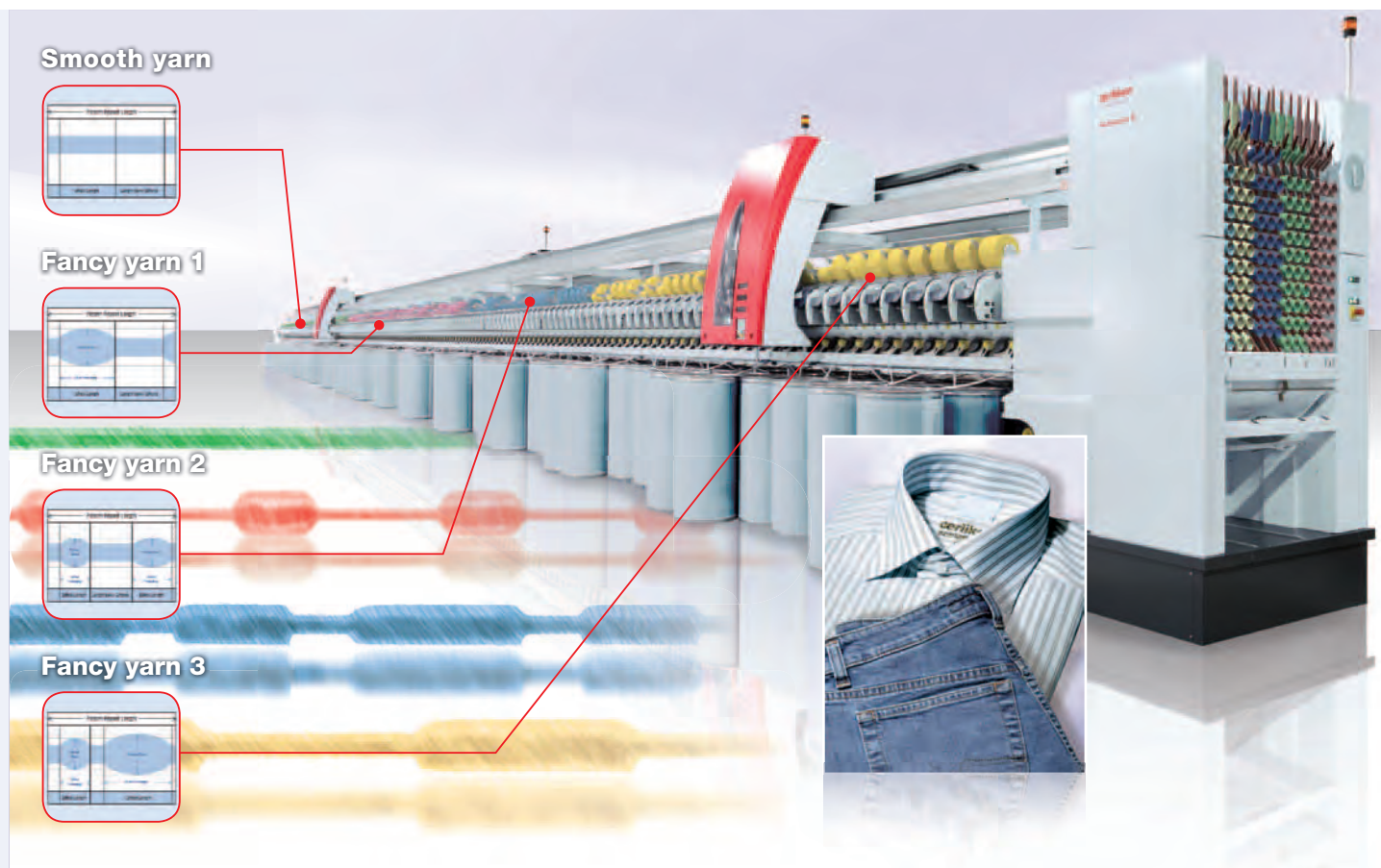
“We have reduced our stock because we produce what we need without doing constant changes and without losing production.”

Arte en Denim, S.A. de C.V., Mexico

  
arte enDenim



## Fancynation – revolutionary and flexible



### **Any effect, any combination, any lot size – simultaneously!**

Fancynation on the Autocoro 8 – the most flexible fancy yarn technology in the world. Spin up to five different fancy yarns simultaneously, or fancy yarns and smooth yarns in parallel, on one machine. All lot sizes can be handled – from tiny to huge.

“We have enlarged our product range and produce clearly more efficiently, in spite of variable lot sizes.”

J. Pereira Fernandes S.A., Portugal



### **Your own fancy yarn library**

Fancynation stores all your effects, thus ensuring permanent access to all settings previously produced on one of your Autocoro machines. You can reproduce any yarn at any time – with the identical quality. The datasets on your current generation of Autocoro machine can be imported without problem.

“The Autocoro 8 convinces us through its extremely high flexibility.”

Filatura S. Silvestro s.r.l., Italy

**Filatura  
S. SILVESTRO s.r.l.**

## Reducing costs, optimising raw material use



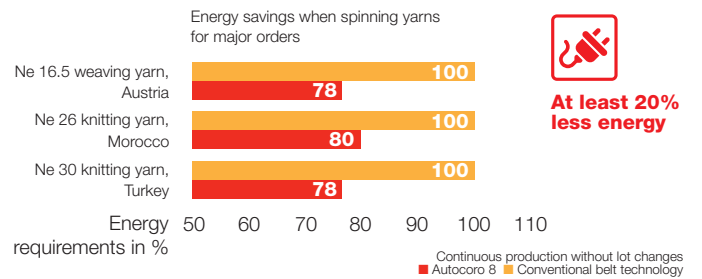
- > Reduced spinning costs thanks to individual spinning positions
- > Significantly higher machine efficiency thanks to less downtimes
- > Up to 22% less energy consumption per year
- > Reduces raw material costs while maintaining productivity
- > Lean maintenance for less servicing





# Energy efficiency and maximum performance

## Reduce energy requirements by a fifth



## Lower spinning costs

### Personnel

### Raw material

### Energy

### Machine efficiency

### Spinning costs – a complete mix

Reducing spinning costs is the major current challenge for the textile industry. However, your individual costs are linked and with conventional belt machines the use of cheaper raw materials automatically leads to lower productivity. Your total costs have to be set against each other in the annual accounts. Even during stoppages belt machines continue to consume energy, unlike the Autocoro 8 which, thanks to piecing without waiting times and lean maintenance, works with a level of efficiency far in excess of belt machines. You therefore make significant savings in spinning costs that are reflected in your bottom line.

## Energy efficiency

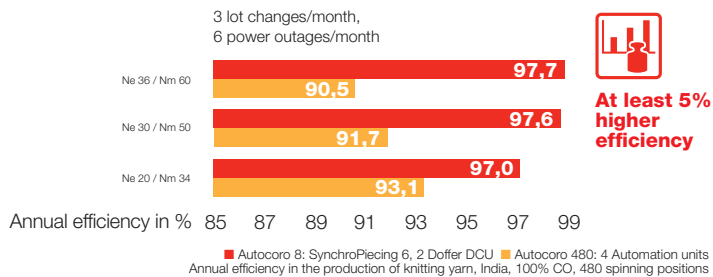
"We are more productive and efficient. For example, our electricity bill has fallen significantly thanks to the Autocoro 8."

"The new Autocoro has impressed us in all areas. The increase in productivity is first-class and we save more than 20% on energy costs."

### Save more than 20% energy

No matter whether you operate round the clock on large orders or whether your production is more flexible and you frequently need to run up the machines, with the Autocoro 8 you can reduce your annual electricity costs by approx. 20% since there is no longer the need for costly energy-consuming idling periods and unproductive lot changes. The drives then only require energy when they are producing yarn. Plus, the SE 20 spinbox offers similar energy optimisation.

## Annual efficiency in a practical test: At least 5% greater efficiency



## High efficiency for each raw material



### Save on raw material costs while maintaining productivity

Attractive, low-cost raw materials often have lower spinning stability. Since the piecing capacity on belt machines is limited and each piecing operation involves waiting times, i.e. stoppages, cheaper raw materials have a negative effect on the efficiency of belt machines. However, this is not the case with the Autocoro 8. Because no matter how many yarn breaks there are, and no matter how many yarn defects Corolab has to eliminate, the efficiency of the Autocoro 8 is always first-rate and you profit every day from low-cost raw materials.

“It excels by its high productivity when spinning recycled fibres.”  
Filatura S. Silvestro s.r.l., Italy

**Filatura  
S. SILVESTRO s.r.l.**

## Intelligent lean maintenance



### Spinning not servicing – for increased production

The Autocoro 8 makes cost-saving lean maintenance possible for the first time in rotor spinning operations. There is no longer the need to change belts. Since each spinning position can be serviced individually while all the other spinning positions continue to operate, preventive maintenance is now under your control. Maintenance intervals are therefore more than 50% longer. Less maintenance means more productivity. Plus, you save on personnel.

“The Autocoro 8 supports our ambitious goals for efficiency in a substantial way – and this in both our spinning mill and our weaving mill.”  
The Hindoostan Spinning & Weaving Mills,  
India





## Plug and Spin



### The easiest maintenance in the world

Maintenance has an almost negligible effect on production. The individual spinning position is removed in just a few quick steps, serviced and then just as rapidly replaced to resume production. It couldn't be easier. And you again save on personnel costs and increase your efficiency.

"With the new Autocoro 8, we were able to reduce our production costs considerably and increase our adherence to delivery dates at the same time."

Sudiva Spinners Pvt Ltd., India

**Sudiva Spinners**

## Central data management



### Linked quality and production management

With the Plant Operation Centre (POC), you always have the latest information about your plant's current efficiency and personnel deployment. Your Oerlikon Schlafhorst product lines are linked via a plant network to a central POC computer. All production and quality data is recorded on-line and is available at a mouse click in the form of shift or production reports. This detailed processed information optimises your operational sequences and thus increases your company's economic success.

# Made by Oerlikon Schlafhorst

- > Market and innovation leader in rotor spinning
- > More than 2 million Autocoro spinning positions installed
- > Specialist in extremely economical rotor spinning
- > Technology solutions with greater energy efficiency, greater raw material flexibility and smarter automation
- > Reputable service quality worldwide

**oerlikon**  
schlafhorst



**Premium  
technology**



**Market  
leadership**



**System  
solutions  
all the way  
through to  
the package**



**Branches  
across the  
world**



**Top-class  
service**



# Partner for your success

## Our know-how, your success



### Efficient solutions for the spinning mill

The fact that over 2 million Autocoro spinning positions have been sold worldwide speaks for itself. As the market leader in rotor spinning, Oerlikon Schlafhorst provides you with trend-setting technologies for the key issues of our time: For the efficient use of raw materials and resources. For greater productivity with pinpoint quality. For rational automation in every market segment. For yarn and package quality that gets top prices in the market place and provides downstream manufacturers with the ideal basis to start from.

### We share our knowledge

With Oerlikon Schlafhorst you benefit from the know-how of the number one in rotor spinning. We provide personal service and perfect advice to enable you to drive your business forward.

# Technical data

## Autocoro 8

### Machine type

- Automated rotor spinning machine  
Autocoro 8 with 48 – 480 spinning positions
- Piecing with digital piecing technology DigiPiecing
  - Doffing of the full packages with the doffing and cleaning unit DCU
  - Sectional structure with 24 spinning positions per section
  - Spindle gauge 230 mm

### Technological data

#### Raw materials

Natural and manmade fibres and their blends, fibre length up to 60 mm

#### Yarn count range

167 – 10 tex / Nm 6 – 100 / Ne 3.5 – 60

#### Sliver feed

8.0 – 2.5 ktex / Nm 0.125 – Nm 0.40 /  
Ne 0.07 - Ne 0.24

#### Draft

40 – 400 fold

### Basic machine

- Digitally controlled piecing technology DigiPiecing for simultaneous piecing
- SynchroPiecing 6 for up to 6 simultaneous piecing processes
- QuickStarter for up to 12 simultaneous piecing processes \*
- PilotSpin: Freely selectable spinning positions for the production of sample and test packages, no automatic package doffing \*
- 2 or 4 \* package doffing and cleaning units DCU with EIS Event Identification System
  - Sensor-monitored package doffing process
  - Integrated cleaning head for the pneumatic and mechanical cleaning of rotors, navels and yarn navel tubes
  - Pneumatic cleaning of spindox and winding head
- Tube magazine for up to 432 empty tubes, arranged in 12 rows with 36 empty tubes per row
- EVA Electronic Vacuum Adjustment for a constant and electronically controlled spinning vacuum 65 to 95 mbar
- Input of spinning parameters on the Informator with touch-screen input display
  - Data display on screen or via an external printer (not included in scope of supply) using a USB interface and flash card
- Yarn residues, waste and fibres are collected separately in a two-chamber system
- Fancy yarn device Fancynation \*
- Possible connection to central waste disposal systems \*

- Conveyor belt per machine side for package removal
- Central lubrication and bearing temperature monitoring

### Multi-lot processing

#### MultiLot \*

- Simultaneous production of up to 3 lots (MultiLot 3) or 5 lots (MultiLot 5) on one single machine
- Tube magazine with single-motor drive of lot-related tube rows in up to 5 groups
- Automatic tube colour detection
- 2 package conveyor belts with individual control

### Spinning and winding unit

#### Spinning unit

- Corobox SE 20
- DigiPiecing: Digitally controlled piecing technology on each spinning position by means of single-motor driven piecing elements
- Single-motor driven rotors, magnetic axial and radial bearings
- Technically designed for rotor motor speeds up to 200,000 rpm
- Rotor speeds from 20,000 – 180,000 rpm with infinitely variable setting and digital control
- Single-motor driven opening rolls with infinitely variable electronic setting and digital control
- Single-motor driven and digitally controlled sliver intake SDSI Single Drive Sliver Intake
- Motor-driven waxing device for wax rolls up to a size of 75 x 50 mm \*

#### Yarn quality monitoring

- Corolab XQ – digital yarn monitoring system for quality control and for clearing thick and thin places
- Corolab XF – digital yarn monitoring system for quality control and for clearing thick and thin places and foreign fibres \*
- Digital piecing tester at each spinning position

#### Winding unit

- Digitally controlled winding process and package build with single-motor package drive and single-motor yarn guide
- DigiWinding: Digitally controlled function for straight package flanks without traverse reduction, complete digital anti-patterning \*
- Take-up speed: Up to 300 m/min for any machine length \*
- Operating unit with 3-colour LED on each spinning position
- Operating unit with operator-friendly display and menu navigation using symbols and pictograms \*

- Additional package cradle damping for manmade fibres \*
- Electronic length measuring unit for packages with a defined yarn length

### Package formats

- Cylindrical packages up to 300 mm in diameter
- FlexPack: Cylindrical packages with up to 350 mm diameter and for packages with particularly high or particularly low density (dye package) \*

### Tube dimensions cylindrical smooth / flanged

- Ø 54 x 170 mm /  
Ø 54/42 x 170 mm

### Spinning cans

Spinning can dimensions

Round cans:

Diameter	457 mm (17.5") (two rows) 530 mm (20") (three rows)
Height	900 mm to 1,200 mm (36" to 48")

Spinning can dimensions

Rectangular cans:

220 mm width x 970 mm depth x  
900 – 1,200 mm height (1,070 mm when using can supports)

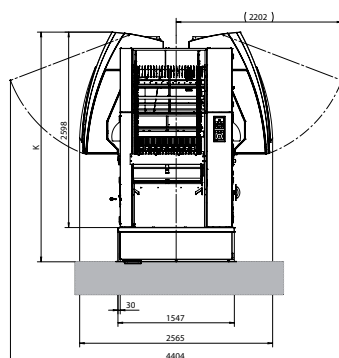
### Automatic packages Removal systems \*

- Removal systems such as e.g. single palletizer or Autoflow
- Distribution by Neuenhauser Maschinenbau GmbH, Neuenhaus, Germany

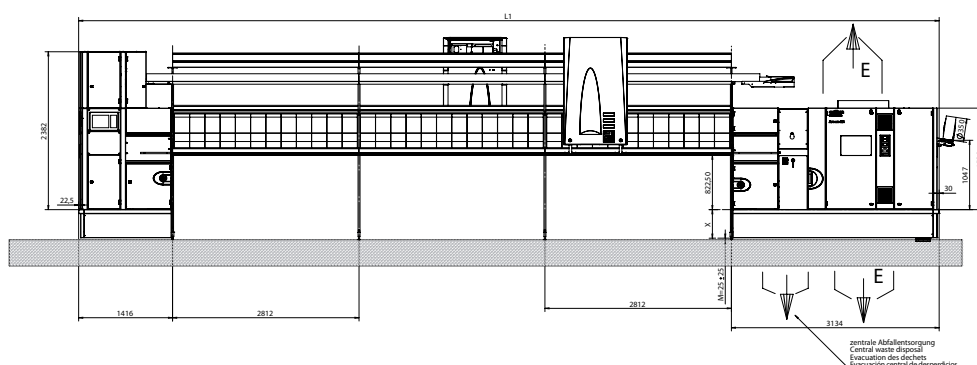
\* Option



Spinning positions	Sections	Net weight (2 doffers)	Length	Net weight 2 additional doffers
		kg	mm	kg
48	2	6,800	10,174	600
72	3	8,200	12,986	
96	4	9,600	15,798	
120	5	11,000	18,610	
144	6	12,400	21,422	
168	7	13,800	24,234	
192	8	15,200	27,046	
216	9	16,600	29,858	
240	10	18,000	32,670	
264	11	19,400	35,482	
288	12	20,800	38,294	
312	13	22,200	41,106	
336	14	23,600	43,918	
360	15	25,000	46,730	
384	16	26,400	49,542	
408	17	27,800	52,354	
432	18	29,200	55,166	
456	19	30,600	57,978	
480	20	32,000	60,790	



Autocoro 8.



Oerlikon Schlafhorst's quality management system complies with the requirements of EN ISO 9001.

#### About this brochure

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















**Oerlikon Schlafhorst**

Zweigniederlassung der  
Oerlikon Textile GmbH & Co. KG  
Carlstr. 60  
52531 Übach-Palenberg  
Germany

Phone: +49 2451 905 1000

Fax: +49 2451 905 1001

E-Mail: [info.schlafhorst@oerlikon.com](mailto:info.schlafhorst@oerlikon.com)

Internet: [www.schlafhorst.oerlikontextile.com](http://www.schlafhorst.oerlikontextile.com)