

Automatic package winding  
Open prism splicing technology Autoconer 338, 5, X5, 6, X6

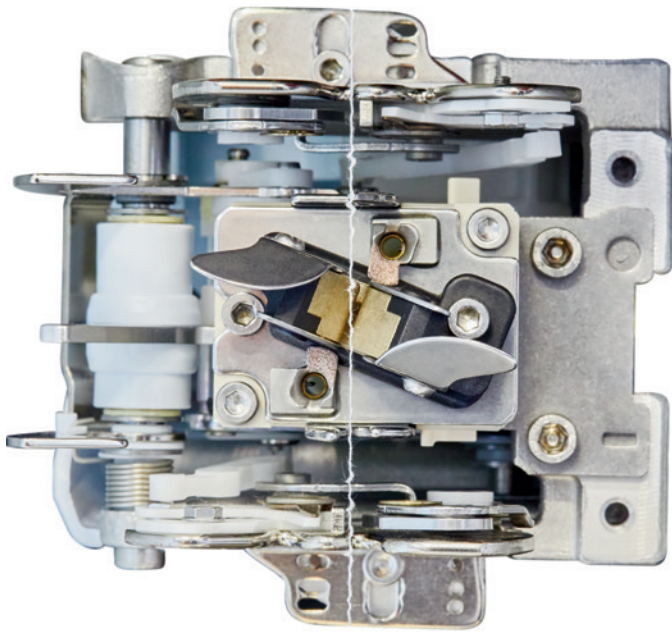
**RIETER**

# Autoconer X6: New Open Prism Splicing Technology

## Your benefits:

- Improvements in splicing
- Easy handling, universal use
- Retrofit kits
- Wider application range

# Open Prism Splicing **OUTSTANDING** Technology ADVANTAGES



## Improvements in splicing

- A wide yarn count range is covered, with higher average splice strength
- Strong splice joints for warping, weaving, knitting with yarn-like appearance
- Shorter splice zone (optical)
- Reduction in splice failure rate and splice cuts

## Easy handling, universal use

- One prism OZ1 for universal use
- Nearly same settings for a wide yarn count range, accessible centrally at the operating unit
- No setting of guiding plates
- Less cleaning, maintenance due to open design and drastic reduction in amount of water used, or even dry splicing

## Retrofit kits

- Easy switch between open/closed system
- Retrofit kits down to Autoconer 338, Autoconer 5/X5, Autoconer 6/X6

## Applications

- 100% CO yarns, CO blends (Ne 20 to Ne 130 or finer) with OZ1
- CO based elastic core yarns, duo-core yarns, multi-core yarns (Ne 10 and finer) with OZ1 and new brake plate

# Take Splicing to the Next Level

**Yarn splicing is one of the central functions of the winding machine. For this reason, the continuous improvement of the splicing process is a key point in the development of Autoconer technology. With the latest innovation, the open prism splice technology, the customer can benefit from improvements in the splice process, splice quality and in handling (universal use).**

## Open prism technology – excel in splicing process and splice quality

The new OZ1 prism is designed for universal use. With this prism, spinning mills can cover a wider yarn count range in cotton yarn splicing and, in combination with the new brake plate, in elasto applications.

Tests at customer mills show excellent splice results with seldom variation of opening pressure and splicing pressure over the complete yarn count range. Only small adaptations may be necessary for feeder arm, opening and splicing code. However, these optimisations can be carried out at touch of a button centrally at the operating unit, as proven in millions of installations worldwide. This is especially true in terms of airflow, as it is possible to optimize the opening and splicing airflows individually.

## Special advantages in elasto applications

In combination with the new brake plate, the OZ1 prism proves itself in the splicing of cotton-based elastic core yarns, duo-core yarns and multi-core yarns. Specifically, this has a number of advantages:

- Dry splicing of elastic yarns or
- Minimum water dosage
- Elasticity of the splice zone and in finished fabrics
- Dyeable splice joints for uniform dyeing process
- Embedded Lycra ends

## Easy handling, universal use, retrofit kits

Not only the splicing process or splice quality are positively improved – operators will find the system easy to use while the number of mechanical settings is also reduced while it can be cleaned with minimal effort. The universality of the Autoconer splice principle allows the use of the new open prism technology as retrofit down to the Autoconer 338 winding machines. This means that spinning mills whose machines that have been running for many years can also update their splice performance, by easy switch between closed and open splice technology.



**Rieter Machine Works Ltd.**

Klosterstrasse 20  
CH-8406 Winterthur  
T +41 52 208 7171  
F +41 52 208 8320  
machines@rieter.com  
aftersales@rieter.com

**Rieter India Private Ltd.**

Gat No. 768/2, Village Wing  
Shindewadi-Bhor Road  
Taluka Khandala, District Satara  
IN-Maharashtra 412 801  
T +91 2169 664 141  
F +91 2169 664 226

**Rieter (China) Textile  
Instruments Co., Ltd.**

390 West Hehai Road  
Changzhou 213022, Jiangsu  
P.R. China  
T +86 519 8511 0675  
F +86 519 8511 0673

[www.rieter.com](http://www.rieter.com)

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