

Automatic winding  
Autoconer X5, 6, X6

**RIETER**

# Preci FX

Winding made easy without hardware limits

## Your benefits:

- Pattern-free, software-controlled package build-up
- Flexibility in package design, no hardware limits
- Excellent dye packages
- Hard packages with superior unwinding behavior



# Package Quality – Unlimited Efficiency



Preci FX is a software-controlled yarn traversing system for winding both from cop to package, and from package to package. Preci FX allows to switch between three winding technologies: pattern-free random winding, precision or step-precision winding.

With Preci FX, packages can be designed flexibly and individually. For instance, it is possible to produce absolutely pattern-free packages in giant size of up to 320 mm. It increases efficiency in downstream processes and minimizes logistics and process costs. You can, for example, individually produce packages in giant size up to 320 mm absolutely pattern-free. No technological limitations = more yarn volume for higher production.

## Easy to operate, no hardware limits

The operator can set the appropriate winding parameters at the operating unit in the minimum of time and take advantage of proven sample recipes. With Preci FX, the mill manager can switch flexibly between package format of 3", 4", 5" or 6" with hardly any conversion required.

## Highly productive with high-end technology

Preci FX offers a wide range of parameters. To increase productivity, customers can choose the optimal combination of parameters, for instance for crossing angle, yarn tension, winding speed and cradle pressure.



Precision winding



Pattern-free winding



Step-precision winding

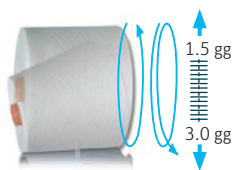
## Cost-effective downstream processing

By shortening the process chain, for instance elimination of rewinding process for dye packages, the textile production process becomes more economical. The Autoconer produces perfect, pattern-free packages with maximum reproducibility and minimum set-up effort, for every step of downstream processes:

- Packages with a high density for warping, weaving, twisting, knitting
- Packages with low density and round flanks for the dyeing mill
- Special biconical packages or packages with a filling function for best unwinding behavior, lower logistic costs
- Stable packages with optimum shape when processing elastic materials

## Long-life package

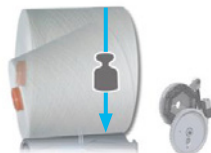
For processing abrasive yarns, the special long-life package for higher resistance to wear is available.



Wider pitch range than with drums



Absolutely pattern-free package build



Central setting of cradle pressure



Soft package flanks



S-Yarn packages without hardware changes



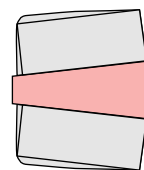
All traverse widths from 3" – 6"



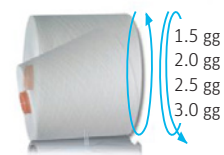
Individual package design, round edges



All package formats at a touch of the button



Filling function



Selectable pitch, crossing angle via operating unit

**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)

The data and illustrations in this brochure and on the corresponding data carrier refer to the date of printing. Rieter reserves the right to make any necessary changes at any time and without special notice. Rieter systems and Rieter innovations are protected by patents.

3539-v1 en 2211