

# Rieter Machine Works Ltd Rieter (China) Textile Instruments Co Ltd

Rieter is the world's leading supplier of systems for shortstaple fiber spinning. Based in Winterthur Switzerland, the company develops ad manufactures machinery, systems and components used to convert natural and man-made fibers and their blends into yarns.

#### Com4 ® Yarns: Yarns of Choice

Com4® yarns are the yarns spun on Rieter end spinning machines. They fulfil the most exacting requirements and ensure competitiveness in a dynamic market. The spinning technology is decisive for the yarn characteristic. The four different spinning technologies ring, compact, rotor and airjet spinning create four different yarn types:

Com4® ring spun yarn, Com4® compact spun yarn, Com4® rotor spun yarn, Com4® jet spun yarn.

#### The right yarn for the right application

To decide on the best suitable yarn, the requirements of the final product must be considered. Rieter has comprehensively evaluated important criteria for yarn trader, weaver and knitter. The best suitable yarn will support the quality of the final product and improve the customer satisfaction.

"When developing sustainable machines, systems and services, Rieter takes into account the entire life cycle of the machinery, thus creating added value for its customers. These machines have been designed to save energy, optimize resource utilization and produce efficiently and economically in order to increase competitiveness."

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### AT YARN EXPO SPRING 2022

**Booth No.: 1.2 - E52** 

www.rieter.com

Being Asia's comprehensive yarn & fibre business platform, Yarn Expo Spring 2022 welcomes Rieter Machine Works Ltd and Rieter (China) Textile Instruments Co Ltd from Switzerland to showcase their machines for fiber and spinning preparation and all four endspinning technologies at the fair.





### Sustainability is an integral part of Rieter's strategy

Rieter technologies stand for sustainable spinning processes which have a major impact on the lowest possible consumption of energy, water and chemicals, make efficient use of raw materials, consume energy in a sustainable and efficient manner, and are extremely advanced in the use of recycled fibers.

Therefore, Rieter has set itself the goal of developing products and system solutions for its customers that allow them to produce in a more environmentally friendly manner, whether as a result of reduced raw material input, lower energy consumption or through development of modern technologies processing recycled fibers.



## Recycling Spinning System: Spin yarn from used clothes

### Recycling in textile

One of the goals within the textile industry is to "close the loop," which refers to the process of recycling and reusing products without material loss - or, in other words, using less raw material and diverting waste away from landfill.

This would entail, however, solving one of today's main challenges: recycling pre- and post-consumer goods. Until recently, recycled clothes have been used mainly into lower-value applications. Rieter's technological know-how enables yarns of sufficient quality to be produced for use in weaving and knitting applications, thus finally allowing pre- and post-consumer goods to be recycled in similar applications.

