

Suction drum refurbishment
Compact spinning K 40, K 42, K 43, K 44, K 441, K 45, K 46, K 47 and K 48

RIETER

Suction Drum Refurbishment

For original compacting performance and yarn quality

Your benefits:

- Restoring yarn quality and strength
- State-of-the-art automated repair process
- Saving money with economical solution
- Extending lifetime of machines



Suction Drum Refurbishment at Repair Station

Restoring the original compacting performance and yarn quality

Rieter compact technology based on perforated drum is a robust system which is widely used in compact spinning machines. After several years of continuous operation, the drums may show signs of surface wear or damage due to various factors. The refurbishment of the suction drums by Rieter repair services is a cost-efficient and validated solution that helps regain the original performance of the compact spinning machine.

Overview of the repair process

An economical solution with the shortest turnaround time



Perforated Suction Drum



Bottom roll shaft



Needle bearing set

Equipped with the know-how of the OEM, Rieter repair services performs the refurbishment of the drums that show significant wear and tear in the most cost-effective manner with the fastest turnaround time. Worn-out parts are identified through a thorough inspection comprising drum eccentricity test, shaft eccentricity test, visual inspection through a digital camera inspection and a very detailed physical verification process. Reusable parts are cleaned through high-frequency ultrasonic waves and inspected through a digital microscope to ensure the best possible performance of the drums.

An in-house developed state-of-the-art drum refurbishment machine is then used to precisely inspect, dismantle and reassemble the high-quality OEM parts. Improved design wear-resistant coated suction drums are available as an option for replacing the worn drums in existing machines. This refurbishment helps restore compact yarn quality in terms of yarn hairiness, imperfections, unevenness and yarn breakages. The quality consistency between spindles is ensured and the periodic faults due to suction drums are eliminated, resulting in a better and more uniform fabric appearance.



Worn-out drum before refurbishment



Improved wear-resistant drums after refurbishment

Rieter Machine Works Ltd.
Klosterstrasse 20
CH-8406 Winterthur
T +41 52 208 7171
F +41 52 208 7283
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

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.

3648-v1 en 2401