

Friction Drum Motor Refurbishment

For original performance and lifetime



Your benefits:

- Uniformity in package build-up
- Reduced unwanted stoppage
- Original performance
- Extended lifetime



Increase Machine Up-time with Friction Drum Motor Refurbishment

Consistent performance for uniform package build-up

The friction drum plays a critical role in package build-up. The friction drum motor located in each winding position drives the yarn guide drum through an integral drum shaft mechanism.

The internal parts in the friction drum motors tend to wear out over time due to continuous operation. If this out of tolerance components of the mechanical drive elements is not identified on-time, it may result in the failure of the associated components like electronics boards. This leads to the complete breakdown of the drum motor resulting in huge production loss.

Rieter recommends the refurbishment of the friction drum motor after three to four years of operation, depending on the customer's operating environment and machine process parameters.



Drum shaft



Refurbishment components



Electronics PCB

Overview of refurbishment

Rieter offers the refurbishment of the friction drum motor by replacing the defective components with original components based on the analysis of the units received from the customer.

Dismantled integral components of the motor are cleaned thoroughly to remove oily or greasy dirt particles. Replacing the bearings, worn-out drum shaft, protection cover and calibration of the electronics PCB helps restore the original performance of the friction drum motor. The solution provided by Rieter ensures trouble-free operation and leads to uninterrupted production and uniform package build-up in all winding positions.

This refurbishment can be scheduled as a part of the machine's regular service interval to reduce unforeseen production loss and escalating maintenance costs significantly.

An authorized Rieter repair service center can carry out the preventive repair service of the friction drum motor.

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