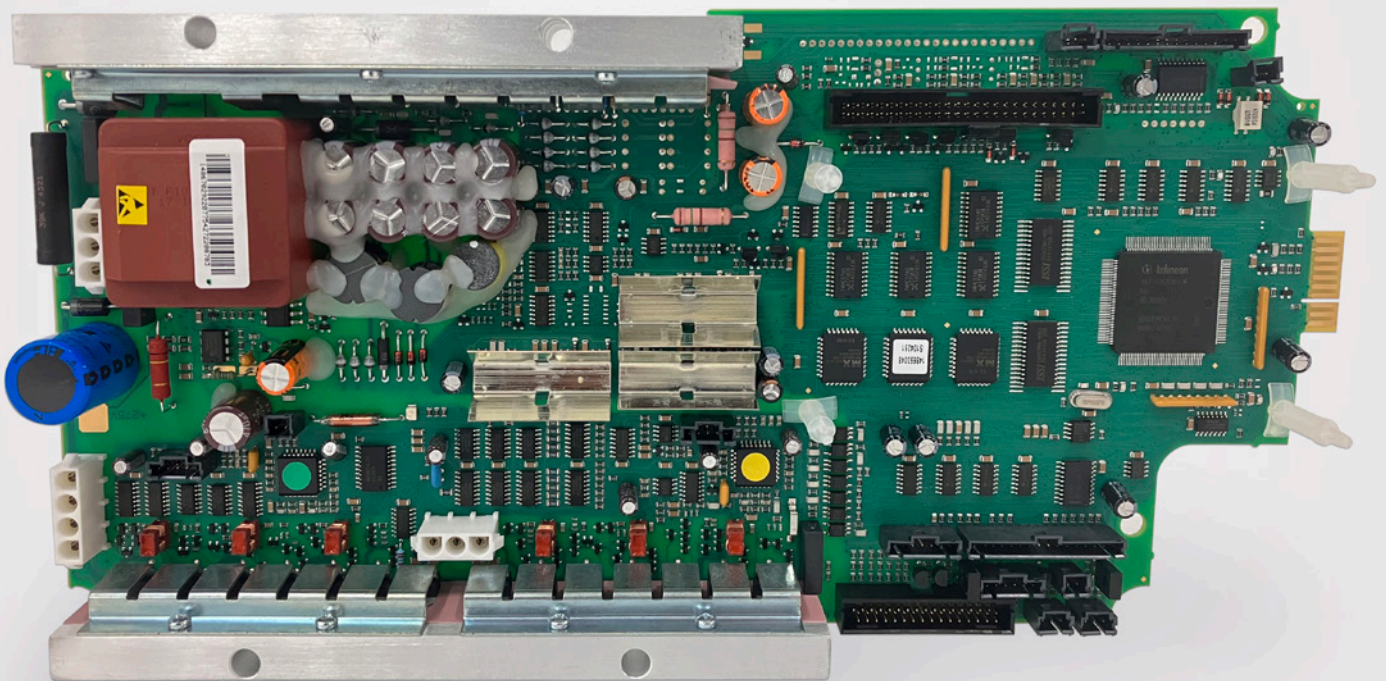


# Motherboard SP-Control Refurbishment

For higher efficiency and extended lifetime



## Your benefits:

- Consistent package quality
- Increased machine efficiency
- Reduced unwanted stoppage
- Extended lifetime

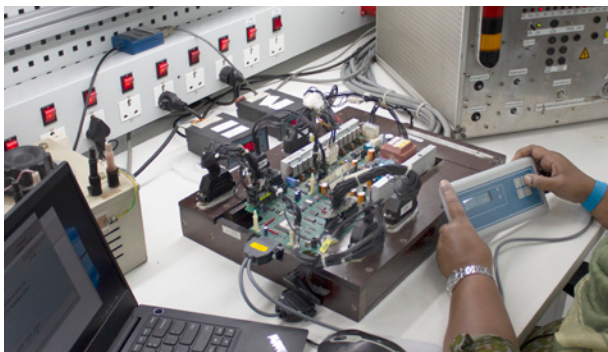


# Refurbishing the Motherboard SP-Control for Higher Efficiency

Achieving uniform and consistent package quality

The motherboard SP-control of the winding machine is an integral part of the machine's winding and package doffer unit. It receives the parameters required for winding from the operating unit and controls all the electrical processes of the associated peripherals in the autonomous winding unit.

Based on Rieter's experience, after four to five years of continuous operation, some electronic components in the motherboard deteriorate the overall winding performance. This results in a non-uniform package in terms of structure and density, which affects subsequent processes.



Proprietary test equipment



Machine spindle simulator system

## Overview of refurbishment

Rieter offers refurbishment of the motherboard with an in-house developed repair kit consisting of industrial-grade semiconductor components. Replacing components in the different functional circuitries like the power supply, operating console, tension element, drum and pilot drivers of the motherboard helps restore the original machine performance.

After completion of the refurbishment process, the functionality of the motherboard is analyzed and tested in Rieter's state-of-the-art repair facility. The long cycle tests are conducted by simulating the actual mill working conditions with the machine model available to ensure machine performance and quality.

The refurbishment of the motherboard can be scheduled as a part of the machine's regular service interval to significantly reduce maintenance time and costs.

Unforeseen and unplanned breakdowns can be avoided or reduced to a greater extent with the planned preventive maintenance schedule.

An authorized Rieter repair service center carries out the preventive repair service of the motherboard SP-control.

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