

U1 spindle drive inverter
Ring and compact spinning G 32, G 36, K 42 and K 46

RIETER

Spindle Drive Refurbishment

For extended lifetime and improved handling



Your benefits:

- Extended lifetime
- Improved dust shielding
- Reduced risk of unpredictable machine downtime
- Improved handling for easier maintenance



Spindle Drive Refurbishment to Increase Machine Availability

Easier access to key components for regular maintenance

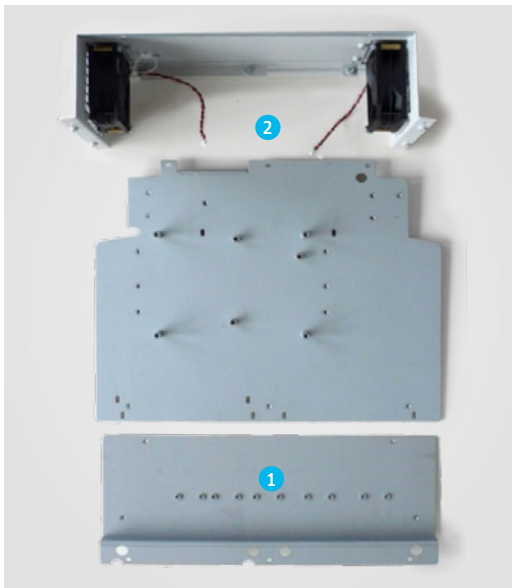
The U1 spindle drive inverter is a critical component that drives all the spindles of the machine. To produce yarn with no machine interruption, the inverter must function flawlessly.

Unexpected component failures in U1 spindle drive inverters cause severe and costly damage, requiring the replacement of complete sub-modules and not just individual components. Often these repairs are even uneconomical and create production loss.

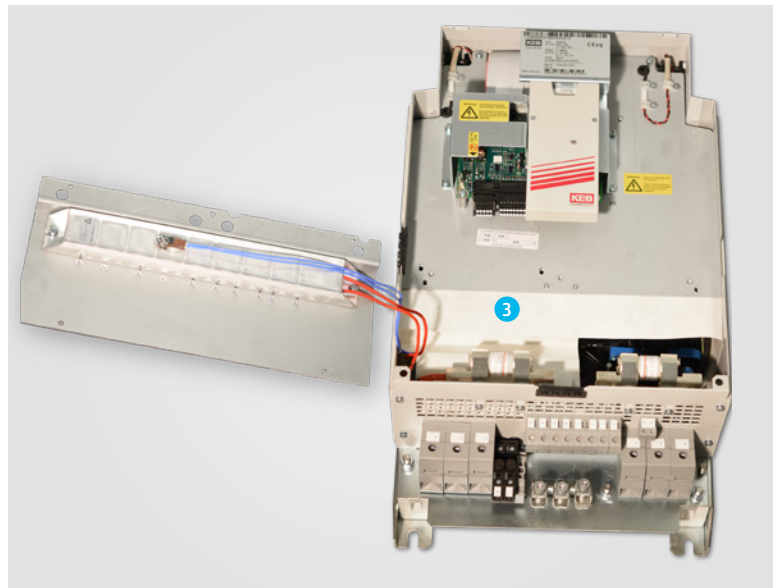
Rieter recommends refurbishment of the U1 spindle drive inverters and other power electronics after four to five years, depending on the customer's operating environment (temperature, humidity, air pollution, grid quality).

Housing refurbishment and easy access to fans and fuses in functional safety inverter

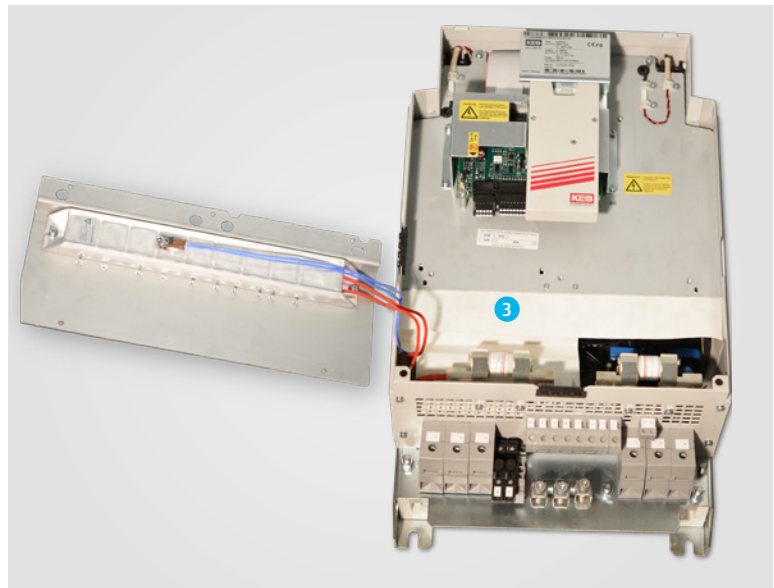
Rieter offers a refurbishment of the U1 spindle drive inverter with a repair kit consisting of a modular housing and dust proof kit.



1. Modified cover to easy access of fuse



2. Modular housing to replace cooling fans



3. Dust proof kit

A housing retrofit and dust protection kit that enables the customer to clean and replace fans and fuses. The use of original parts helps restore the spindle drive's actual performance. It ensures trouble-free operation over the entire speed range and consistent yarn quality.

Refurbishment can be scheduled as 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 minimum.

An authorized Rieter Repair Centre carries out the preventive repair service of the U1 spindle drive inverter.

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