

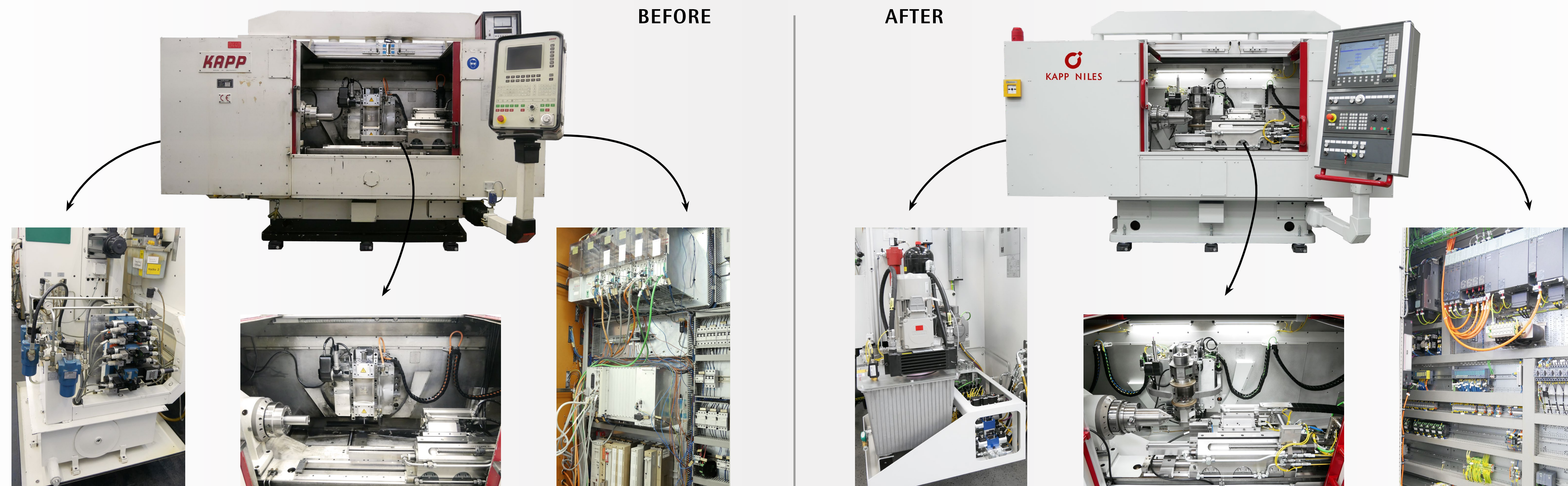
What are the reasons for a modernisation?

Over time, every grinding machine is subject to operational wear. Unscheduled repairs and the increasingly difficult supply of spare parts, especially for electrical components, can have a significant impact on operation. In extreme

cases, the failure of crucial components can bring the entire machine to a standstill and make reliable production planning virtually impossible.

What are the advantages of modernisation?

- Reduction of production costs by improving energy efficiency, productivity and product quality
- Restoring the availability of spare parts
- Preparation for the recording of process and machine data for Industry 4.0
- Resource-saving and economical alternative to a new machine



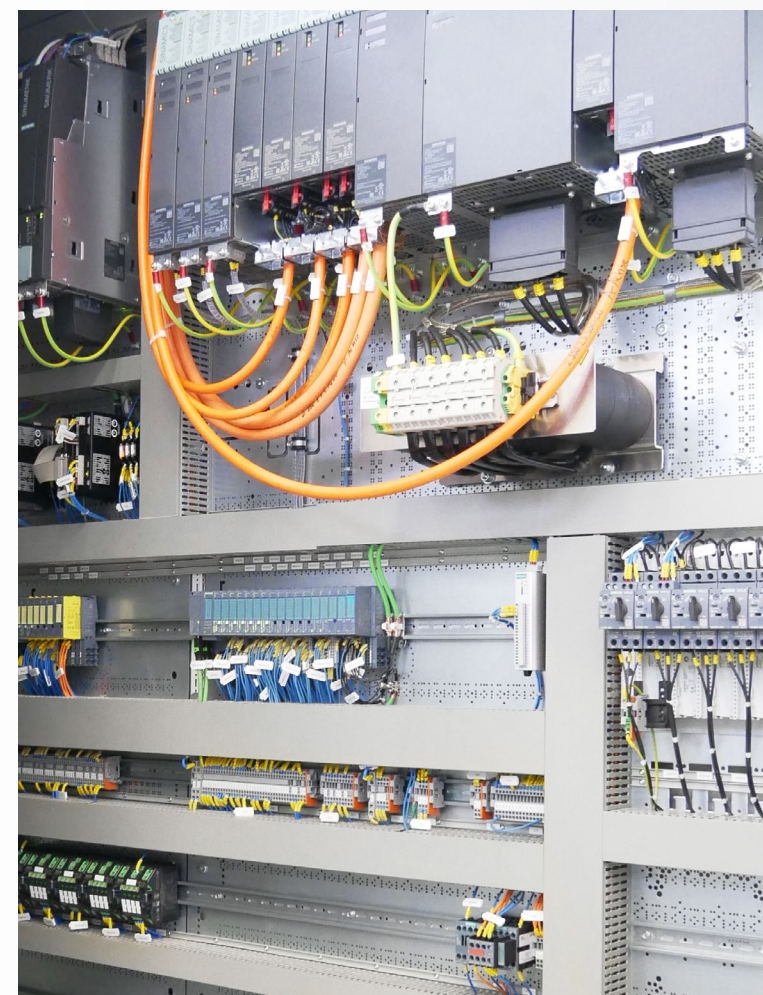
What modernisation solutions are available?

With [KN Retrofit and KN Recontrol](#) your machine is brought up to the latest state of the art and made fit for future requirements. At an investment cost of just 40-65 % of a comparable new machine, we comprehensively upgrade your machine in the fields of control, drive and safety technology. This not only

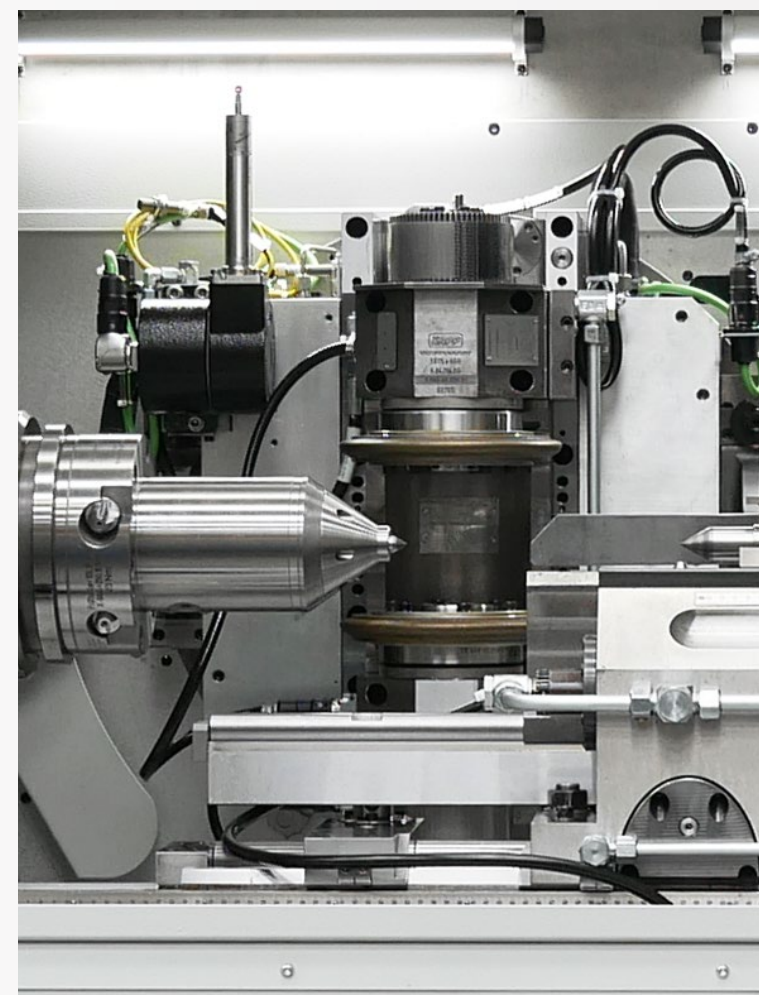
leads to a significant extension of the service life, but also to a noticeable increase in operating efficiency. Our modernisation solutions offer an economical and resource-saving alternative to purchasing a new machine and contribute to long-term operational reliability.

What is KN Retrofit available for?

- VX / VAS / VIS / VUS (5-axes concept)
- RX / RNS (5-axes concept)
- KX 300 (P) / KX 500 FLEX, etc.
- [Discontinued machine control types](#)



New control technology



Overhauled machine base



Modern machine control



New fluid technology



Fit for digitisation