

Power Conversion

Customized Solution



The economics of a spinning process are essentially defined by three major cost blocks: capital costs, direct labor costs and energy costs. To squeeze every cent out of costs, mill owners have several alternatives among which mill relocation and second-hand machines investment.

The Challenge

Power grids may differ from one country to the other, requiring the need for power conversion. When relocating a mill or purchasing second-hand machines, frequencies and voltages (e.g. 3x440V, 60Hz vs. 3x380V, 50Hz) have to be adapted to ensure operation.

The Solution

Rieter's engineers identify and provide all necessary power supply components, materials and directly driven motors for the machines to fit to the new frequency and voltage. Furthermore, they adapt the schematics accordingly.

Customer Value

The power conversion is not a highly complex project but if poorly executed, it can result in detrimental consequences. Customers profit from Rieter's expertise, a fast and easy implementation, a smooth running of machines and the prevention of short circuits or machine failure.