

Ring and compact spinning machines
ROBOspin

RIETER

ROBOspin

Fully automated piecing robot for ring
and compact spinning machines



Consistent performance with
reduced personnel requirements

OUTSTANDING ADVANTAGES

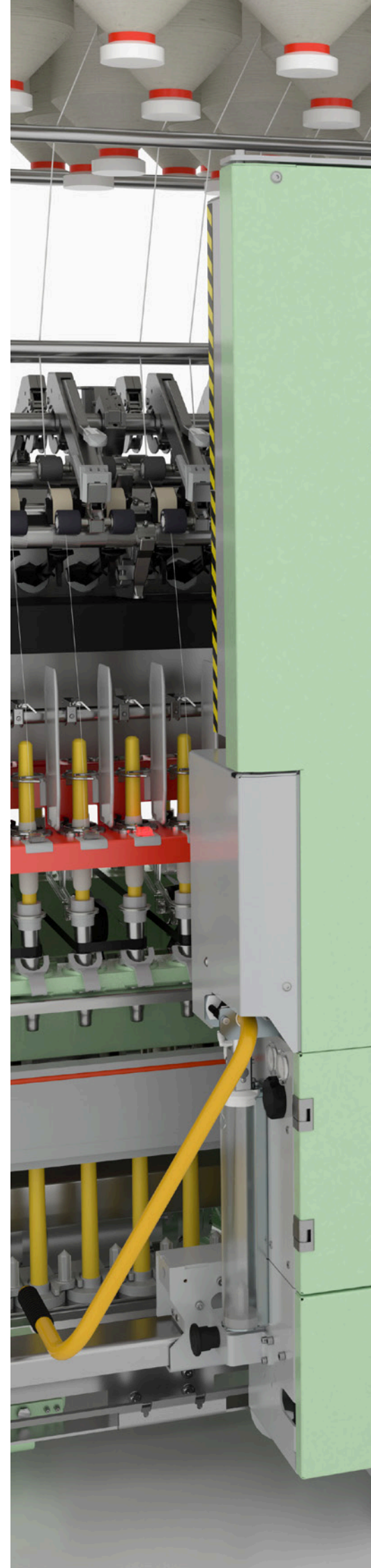
Global novelty in ring and compact spinning

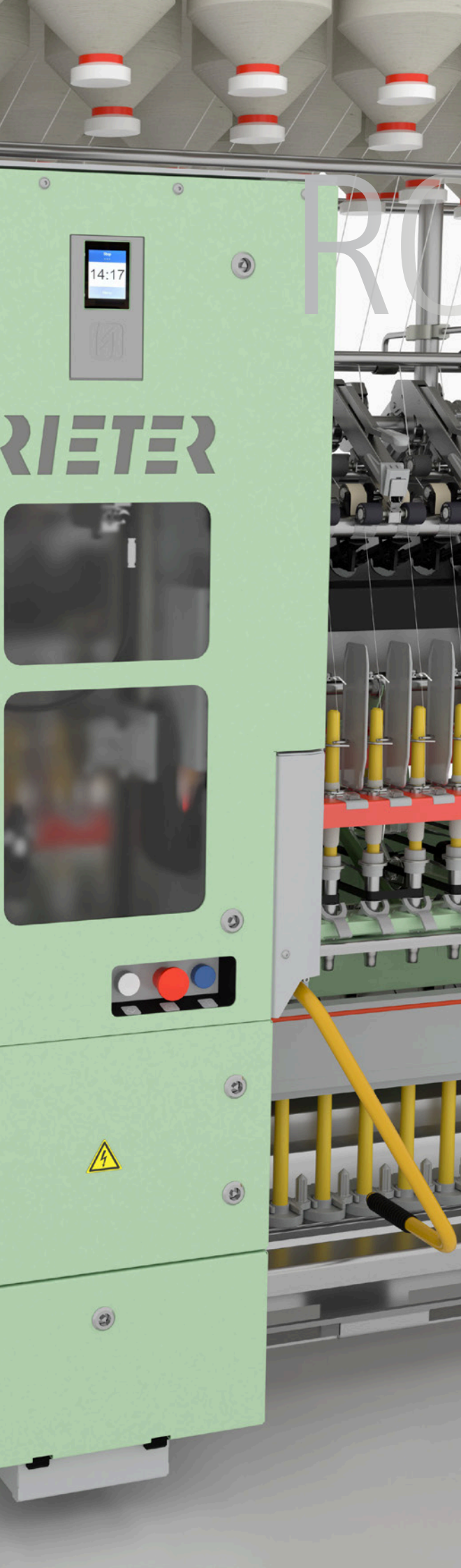
ROBOspin is the first fully automated piecing robot for ring and compact spinning machines. One robot per machine side repairs ends down that occur while the machine is running to reduce the average spindle downtime. It can be installed on both new and existing machines.

ROBOspin travels directly to the affected spinning position and repairs the ends down in the shortest time possible. The complete piecing cycle runs fully automatically – from finding the yarn on the cop to threading the traveller and placing the yarn behind the delivery roller. ROBOspin receives the information about the position of the relevant ends down from the individual spindle monitoring ISM.

Consistent quality, 24/7

The automated piecing process ensures consistent quality of yarn piecing. Human contact with the cop is avoided during the cycle. The outer layer does not get contaminated and top-quality yarn is produced.






ROBOspin

Consistent high performance proven in spinning mills

ROBOspin runs with consistent high performance in various spinning mills around the world. Piecing efficiency reaches over 80%. The Rieter unique yarn search device allows to piece without interruption on the cop.

Maximum productivity with reduced personnel requirements

ROBOspin has consistently high productivity level – 24 hours a day. It significantly reduces personnel requirements in the ring spinning section by 50%, noticeably lowers personnel costs and helps overcome labor shortages. Human resource planning and spinning mill organization are also made easier.



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