Rieter showcases innovations for all four spinning processes that are established on the market.

Fiber preparation
The blowroom VARIOline with the new UNIClean B 15 brings significant improvements in terms of energy consumption and the cleaning result for all spinning processes. The same applies to the new high-performance card C 80, which offers an unrivaled level of productivity.

Ring and compact-spinning process
To increase the cost effectiveness of the ring spinning and compact spinning process, Rieter reveals the new comber E 90, the new roving frame F 40, the piecing robot ROBOspin and three different compacting units that can easily be installed on and removed from a ring spinning machine: COMPACTdrum, COMPACTapron and COMPACTeasy.

Rotor spinning process
Innovations that bring considerable improvements in efficiency for the rotor spinning process are also presented. The draw frame module RSB-Module 50 can be used in combination with the high-performance card C 80 and can be configured to a highly efficient direct process with the new semi-automated R 37 or the fully automated R 70. The new, cost-effective rotor spinning machines are characterized by low energy consumption, high productivity and high machine availability with low raw material costs.

Air-jet spinning process
There are innovations for the air-jet spinning process too: The process for producing a very attractive yarn made of 100% combed cotton is presented. At the Rieter booth, let yourself be convinced that this process is extremely cost-effective, despite the combed out short fiber content.

ESSENTIAL – Rieter Digital Spinning Suite
The new innovations for the four spinning processes are supplemented by two new functionalities of ESSENTIAL: ESSENTIALorder and ESSENTIALconsult, which are available to all Rieter customers free of charge with the purchase of a new machine. In addition to the existing modules ESSENTIALmonitor, ESSENTIALmaintain and ESSENTIALpredict, the next steps are demonstrated: ESSENTIALlab for integrating laboratory data into the spinning mill management system, ESSENTIALoptimize, the intelligent recipe management system, and ESSENTIALautomate for integrating the transport and logistics systems.

After Sales
The growing digital service offering complements new solutions for optimizing the installed base. With the PSM Drafting Motor, Rieter After Sales offers a significant improvement on the machines G 33 and K 44; and with the Energy Saving Support Disc it offers the possibility to make considerable energy savings on rotor spinning machines.

Bräcker, Graf, Novibra, SSM and Suessen
The Rieter Group’s component manufacturers also introduce further innovations for day-to-day operations, such as the Bräcker ring traveler C1 ELM udr and the new SOLIDRING B 188 from Suessen. In *preciforce*, SSM presents a system for optimizing the bobbin build-up on precision winding machines. SSM also reveals another yarn innovation: *fancyflex* is a technology for manufacturing slub yarn for textured yarns.