RIETER

SERVOcan

Fully automatic can transport system

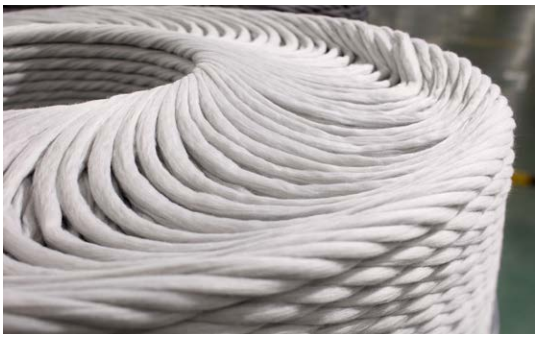
Autonomous material flow
for maximum efficiency

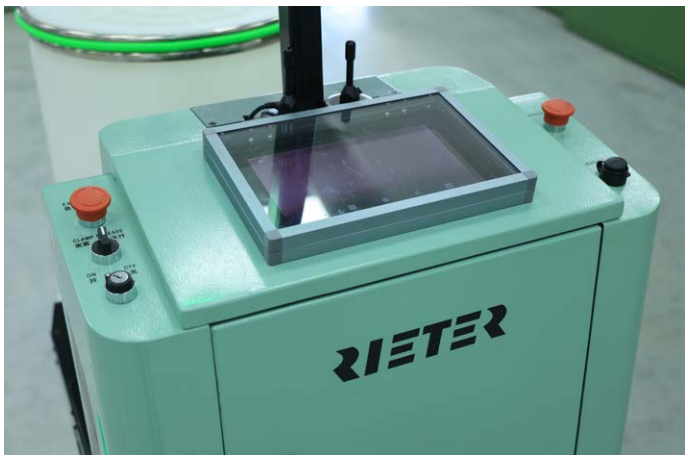
Efficient and Precise Can Transport

Minimizing workload and costs through automation

The fully automatic can transport system SERVOcan is a flexible solution for the efficient and precise transfer of cans in a spinning mill with automatic guided vehicles (AGV). By replacing manual transport, the system eliminates bottlenecks, reduces labor cost and ensures a continuous and optimized flow of materials. The can transport is designed for easy integration into existing Manufacturing Execution Systems (MES) via standard interfaces. SERVOcan closes an automation gap in spinning mills and brings customers one step closer to the smart spinning mill.

SERVOcan is a comprehensive solution ranging from carding to end-spinning machinery. Automated guided vehicles (AGV) transport the cans between the machines in a spinning mill. The optimized material flow reduces manual workload to a minimum and saves operator costs. State-of-the-art control methods ensure smooth and economical motion cycles of the cans and reduce waiting times between the machines. Proven and stable components as well as easy handling make SERVOcan a low-maintenance system.





The fully automatic can transport system prevents the faults that come with manual handling and assures consistent quality. Damage of material and cans is prevented thanks to precise and careful handling of the slivers as well as exact positioning. The Process Control System provides valuable data for process optimization. Full traceability of the material flow is ensured for quality control purposes.

Adjustable to Diverse Production Needs

Compatible with light and heavy can sizes

The central fleet management software allows customers to easily adjust the number of can transport systems in operation. As a result, tasks and routes meet fluctuating production demands. SERVOcan is compatible with light and heavy can sizes ranging from 450 mm to 1200 mm. Real-time detection of sliver status makes full use of can capacity, as full or empty cans are immediately transported to the required location. The system flexibly adjusts to changing production needs.

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