

Inspiring technology!

ROTZINGER+

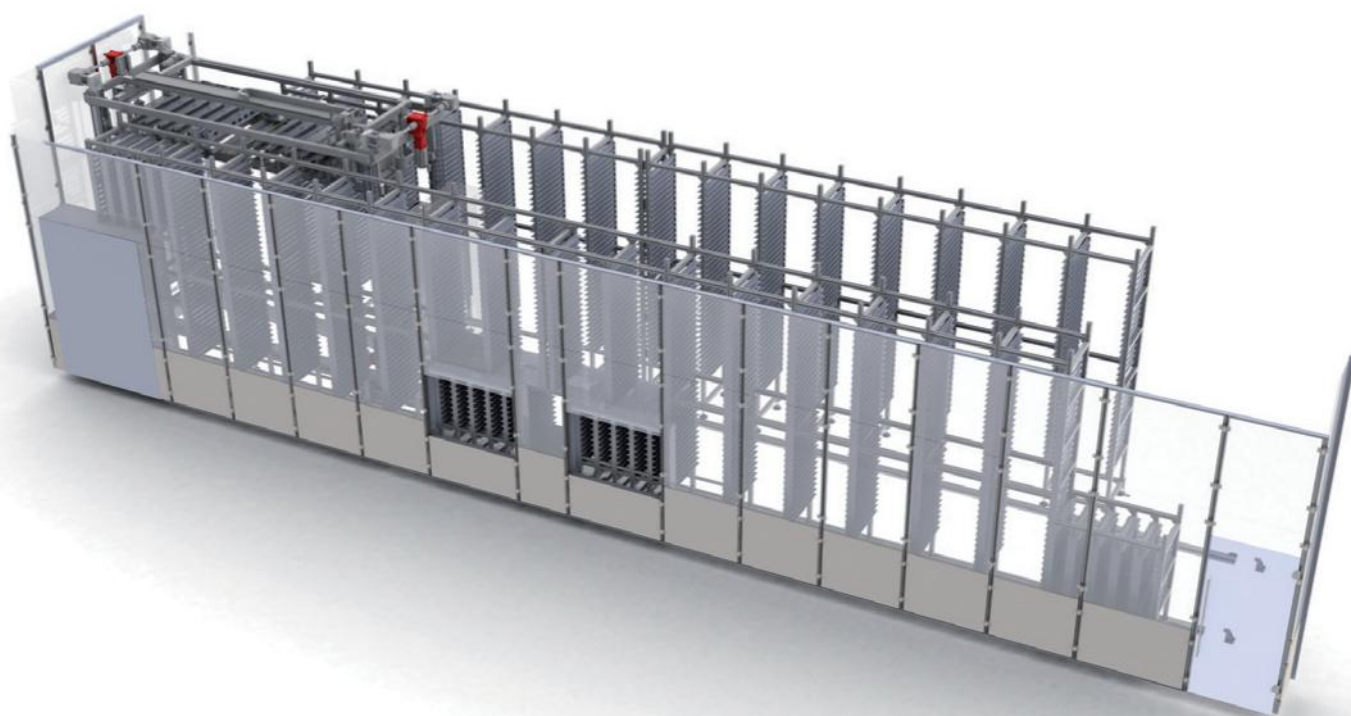


ACCUSORTER

The vial store tailored to your needs

Compound Store

With the new high performance ACCUSORTER, ROTZINGER demonstrates how long-term experience in vial logistics combined with innovative engineering can lead to reliable and powerful solutions at very reasonable costs.



Scalable

The ACCUSORTER vial stores are scalable in multiple dimensions to ideally match the needs of your organization.

With ROTZINGER, customers and solutions are never locked in a rigid product platform. Well-proven functional modules are combined and scaled to create the perfect solution for a broad range of individual situations without compromises. This way, new systems are built, which ideally support the customer's daily operations, but are very reliable and well serviceable at a very attractive cost of ownership.

The buffer capacity of an ACCUSORTER can be adapted by varying all dimensions of the store. In some cases, it can be beneficial to build the store over two levels and provide convenient user access, for example on the top floor.

Requirements on storage and retrieval rates vary significantly between customers. "One size fits all" is a major concession which ROTZINGER customers do not have to grant. Each ACCUSORTER can be furnished with just one or multiple input / output trays.

Easy to access and secure input and output buffer sections are configured to meet individual needs for walk-away batch capacity.

Ideally, automation works with standardized objects. However, if multiple different containers have to be stored and retrieved, ROTZINGER has a solution.



1 Storage Racks with alley for the commissioning robot 2 Commissioning Robot retrieving storage rack 3 Pick and Place Robot

Performance

Depending on individual needs, an ACCUSORTER can serve as a relatively simple automated vial storage and retrieval system, which fulfills sequentially one order after the other. If higher performance is desired, the ACCUSORTER is designed as a system which works optimized in a highly parallel order. Storage and retrieval tasks from multiple orders and trays are processed in parallel. Doing this in combination with large storage trays increases the “hit rate” per tray significantly, leading to a high duty cycle of the pick and place robot and therefore an impressive storage or retrieval rate of up to 10'000 vials per day per commissioning robot.

Control Software

The user controls the system through an intuitive and simple GUI from a PC. Multiple users can access the software even remotely through a browser, check the system status or place new orders.

The user has full control over the system and can assign priorities to individual orders even at run time. Way optimizing algorithms contribute to the high-performance of the system. Built-in checks and sensors enable intelligent error detection. Together with smart self recovery routines, unattended 24/7 operations become productive reality.

Storage locations and tracking data are stored in a generic database such as ORACLE®, which can reside on a corporate server and use the standard IT back-up safety and security features. If desired, a 21 CFR part 11 compliant user management is applied.

The ACCUSORTER has its own machine control software running on a robust industrial grade PLC. The PLC communicates with the PC by optimized telegrams to enable uninterrupted robotic operation and uses secure protocols with handshake functionality on both ends.

ACCUSORTER™ is a trademark of ROTZINGER AG
ORACLE® is a registered trademark of Oracle Corporation



Product Focus

- Ease of Use
- Powerful Solutions
- High Effectiveness
- Low Total Cost of Ownership

ABOUT ROTZINGER AG

ROTZINGER is a privately owned engineering company which has been serving the pharmaceutical and food industries with reliable logistics and processing systems for more than 60 years. Customers appreciate the solid Swiss quality engineering and manufacturing of ROTZINGER, as the vast majority of systems runs in mission critical 24/7 operations, often under GMP and/or FDA governance all around the globe. The flexibility of ROTZINGER, combined with the excellent track record of timely delivered, reliable solutions, has led to a continuous growth with many repeat and new customers over the years.

Most recently, ROTZINGER has decided to intensify the activities with sample management systems and make them available to a broader clientele.

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ROTZINGER head quarters and manufacturing facility in Kaiseraugst



Kaiseraugst is located near Basel, close to the Rhine river

