EvoTec — streamlined medication pack management

— **Easy: fully-automated pack handling**

— **Smart: continuous inventory optimization**

— **Fast: double multi-picking arms**

— **Secure: complete traceability from entry to dispensing**

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Efficient technology for your pharmacy.

EvoTec elevates medication management with advanced automation: Its intelligent loading and unloading features, combined with dual cranes, maximize storage capacity.

EvoTec is a **fully-automated pharmacy robot** engineered to boosts operations and allow your staff to concentrate on what truly matters—providing exceptional patient care.

Space saving efficiency and rapid medication dispensing are seamlessly integrated into your hospital pharmacy.

Reduce the time spent on manual stock management: EvoTec ensures **accurate loading and unloading, intelligent high-density storage and real-time access to vital information.**

2 cranes, 3 workflows

— Storage and retrieval

— Stock optimization and retrieval

— Stock optimization and loading

EvoTec advanced robotics

1 **Fast and reliable storage and dispensing**

EvoTec is an **intelligent inventory management system** that combines exceptional speed with high storage capacity. In one cycle – the arm moves from its initial position to gripping to the placement position – EvoTec **picks and moves multiple identical or different medication packs.** Equipped with **one or two fully independent robotic arms,** EvoTec accelerates task execution, ensuring a highly reliable and efficient process.

With **picking rates of up to 300 cycles per hour,** EvoTec's advanced robotics ensure rapid storage and dispensing of pharmaceuticals. It serves as a dependable logistics assistant, saving valuable time for pharmacy staff and **simplifying their daily workflow.**

2 **High storage capacity with continuous optimization**

EvoTec is a **self-learning system** that continuously improves its storage efficiency. Advanced algorithms calculate optimal shelf organization, achieving **higher storage density** compared to traditional systems. It classifies products based on retrieval frequency and selects the best storage location for each. After orders are processed, the robot constantly re-optimizes storage locations to **ensure maximum dispensing speed and storage capacity.**

3 **Flexible loading modes**

EvoTec supports both **single box-per-box loading and simultaneous loading of multiple boxes,** whether they contain the same product or a mix of items.

4 **Reliable loading with E-Load**

EvoTec can fully automated with the add-on E-Load. It ensures accurate drug loading by **cross-checking box dimensions and barcodes.**
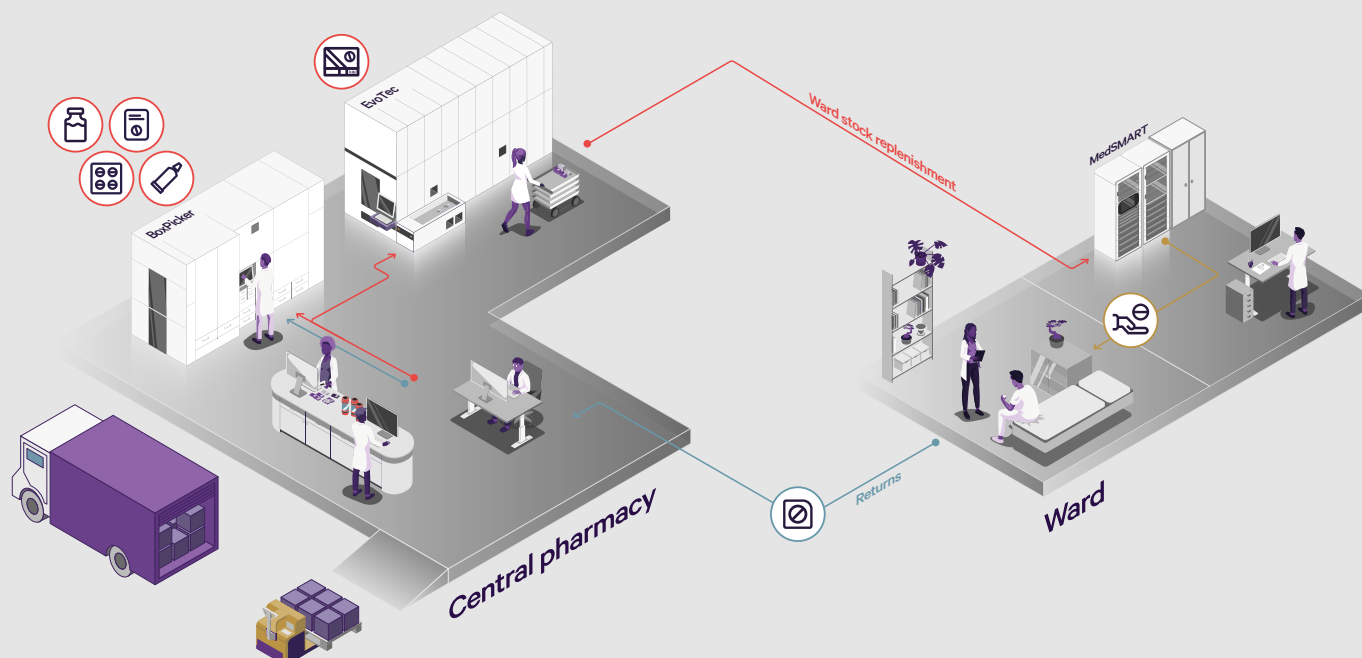
Equipped with a **buffer belt**, the E-Load allows continuous loading without interrupting the robotic arms during dispensing.

EvoTec also **integrates seamlessly** with ERP, HIS, and pharmacy management software, automatically identifying products from invoices and updating inventory in real-time.

5 **Simple and intuitive user interface**

The touchscreen user interface is **easy to understand** and use. It allows the pharmacy team to **manage, monitor and configure** the robot with just a few clicks.

Manage all forms of medication:
EvoTec + BoxPicker

By combining EvoTec with the automated storage and retrieval system, BoxPicker, you can **streamline the management of all medication forms.** This dual-system approach boosts efficiency and simplifies the **handling of opened packs,** making the entire process more streamlined.

BoxPicker handles the loading and storage of all medications—ampules, vials, syringes, unit doses, and opened packs—while EvoTec manages and dispenses **full packs.** This integration eliminates the need for manual pre-sorting, saving time and significantly reducing the risk of human error.

Once medications are dispensed, pharmacy staff can easily retrieve them from both systems, ensuring **fast and efficient ward stock replenishment.** Medications can then be stored in shelves or automated dispensing cabinets like MedSMART.

This integrated solution enhances operational efficiency, minimizes manual intervention, and **ensures accurate, reliable medication management.**

Did you know? EvoTec can also seamlessly integrate with our other hospital automation solutions, allowing you to achieve faster and more efficient workflows throughout your pharmacy.
Contact us for additional information and see how we can help optimize your operations.

Manage all forms of medication: EvoTec + BoxPicker