



HEALTHCARE

PHARMACY AUTOMATION SYSTEMS



- Smart robot
- Continuous optimization
- Smart-express loading
- Automatic loading system
- Interactivity

Advanced Robotics



Smart Robot

The EvoTec has a smart stock management system. The multi-picking function uses the same operation for identical boxes or different products. The machine is configurable with one or two robotic arms. In the second case, the two have the same functions. The second arm moves autonomously, but during the busy workflows they work together, in unison. With a 180-degree rotation on its axis, each robotic arm is able to load or unload products on the right or left shelves. All these aspects aim to optimize the movements, the available space and the unload speed.



Continuous Optimization

Your stock is entrusted to a thinking system. The storage area is divided into virtual drawers that follow space-saving criteria that allow a saving of 30-40% space compared to the traditional systems.

The robot constantly runs stock optimizations in order to grant the best performances for a smooth workflow in the pharmacy. The system divides the products in classes and, depending on their sales records, it chooses the best location for them.



Smart-Express Loading

The efficacy of the loading system is unique. We added two new loading features to the traditional method: Multi-product Multi-boxes and Mono-product Multi-box. These new functions allow the pharmacist to introduce a set of several boxes together in only one load cycle. This original method of loading is defined as a "high-density system" and it capitalizes the storage capacity.



Automatic Loading System

The automatic loading module takes care of the products once they are fed in a capacious storage "lung". Then, the system sorts, controls and sends the products towards the storage area. This process is fast and totally automatic.

Interactivity

A simple way to communicate with the robot making it easy and intuitive.

With a single touch on the icons it is possible to surf the user interface.





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