



HEALTHCARE SOLUTIONS

BOXPICKER™
AUTOMATED PHARMACY STORAGE
SYSTEM

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BoxPicker is part of an end-to-end integrated solution of Swisslog equipment and software that controls and manages medication from wholesaler to patient.

BoxPicker provides pharmacies with secure, high-density storage of medications - controlling access, improving pharmacy workflow efficiency and expediting the picking process.

This high-performance system entirely eliminates the need for static shelving and is a robotic replacement for vertical carousels, refrigerated drug storage and narcotic vaults.

BoxPicker fully automates medication storage and retrieval; which not only eliminates picking errors and increases safety at dispense, but also creates a more efficient pharmacy workflow allowing the pharmacy staff to focus on revenue generating tasks and spend less time locating, picking and verifying medications.

ADVANTAGES

Fully Automated

- All items are brought to a single operator station for retrieval and verification
- Multiple workstations allow for simultaneous operations, improving efficiency
- Users have no exposure to internal moving parts, increasing safety of pharmacy staff
- Single source for storing packaged, bulk medications and supplies

Modular

- Allows for easy expansion options as pharmacy needs change and grow
- Versatile configurations provide a greater return on your investment

Guaranteed Control

- Limited access, scan-in and scan out-technology decreases opportunity for error
- Password-protected operator access ensures inventory control and audit capabilities

Requires No Floor Reinforcement

- Equal weight distribution, rarely requiring additional reinforcement

“The security of a single dispensing and loading point provides peace of mind regarding access and accountability. The BoxPicker has allowed our storeroom staff to focus more on critical service issues and improve our efficiencies around managing stock.”

Dave Webster, RPh, MSBA.
Associate Director Pharmacy Operations,
University of Rochester Medical Center



FEATURES AND BENEFITS

Robotic Crane

Provides 3 to 1 pick rate compared to vertical carousels

Smart Technology

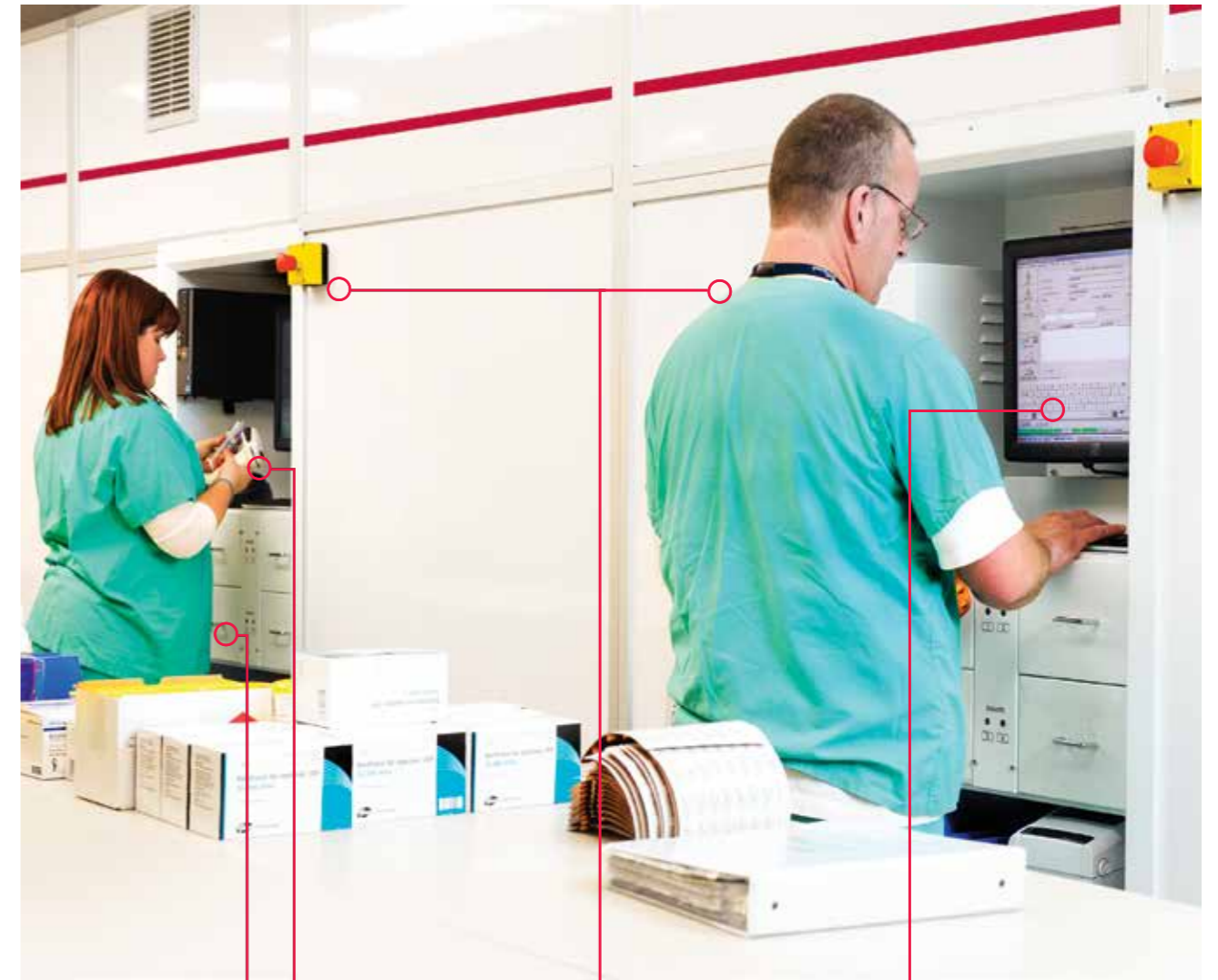
Fully automates storage and retrieval steps

High-Density Shelving

Optimizes and reduces space occupation in your Pharmacy for storage

Emergency Support

Provides fully accessible inventory in the event of a power failure



Controlled Access

Allows access to a single box at a time, eliminating picking errors

Modular Design

Accommodates ambient, refrigerated and narcotic storage requirements

Barcode Verification

Scan-in and scan-out technology increases safety at dispense

Configurable Workstations

Allows for workstations on both sides or direct anteroom access to reduce extra steps

Multiple Workstations

Allows for secure, simultaneous operations

Touchscreen Interface

Simplifies user access and information retrieval

Secure Operator Access

Password-protection ensures inventory control and audit capabilities



“ In the first six months of using PillPick and BoxPicker, we have been able to decrease our inventory overhead by \$350,000 and missing doses by 40% due to a change in the presentation to nursing. Furthermore, our cart fill can now be completed within four hours and our ADC fills take about an hour each. We are far more confident in the safety of our medication distribution and our pharmacists also have more time to spend in patient care.”²

Nishaminy Kasbekar, BS, PharmD, FASHP. Penn Presbyterian Medical Center

HOW IT WORKS

Designed to eliminate the need for both static shelving and standard carousels, BoxPicker allows you to focus on clinical tasks and spend less time locating, picking and verifying medications.

BoxPicker is the ultimate pharmacy storage solution.

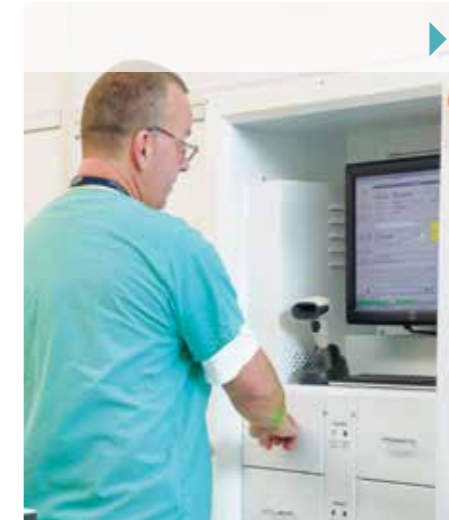
LOADING



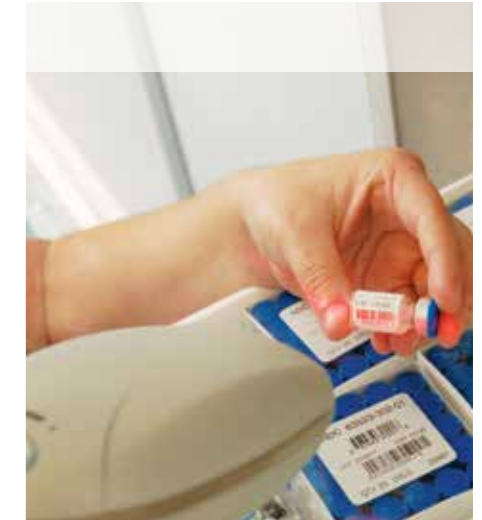
A technician logs into the BoxPicker operator station and selects the Load option



A technician scans the medication to be loaded and enters the quantity and expiration date



BoxPicker retrieves the appropriate medication box based on space availability and delivers the box to an access drawer at the operator station

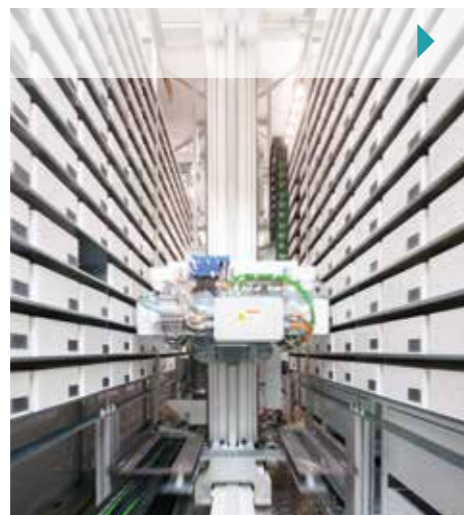


Once the box has been delivered, the technician opens the access drawer, scans the medication to be loaded and places it in the assigned location

DISPENSING



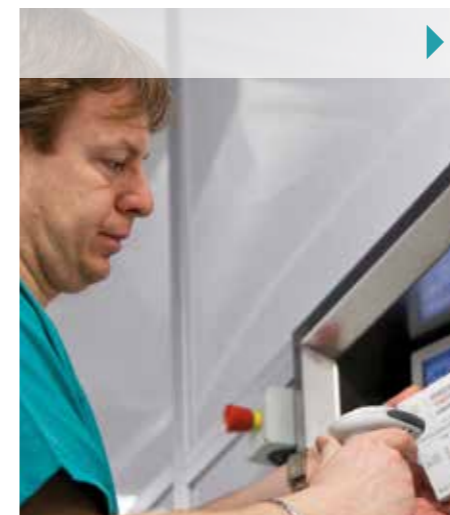
A technician logs into the operator station and selects an order received through an interface with the hospital's information system



BoxPicker picks only the correct medication box and places it in an access drawer at the operator station



Once the box has arrived, a green light indicates the drawer is unlocked and can be opened



A technician then picks the correct medication from the box and scans the product barcode for verification



Once the medication has been scanned and confirmed, the inventory quantity is updated in the system



While the technician scans one product out, BoxPicker is already retrieving the next medication box to be dispensed

CUSTOMIZED FOR YOUR FACILITY

Each pharmacy's needs are different. BoxPicker allows you to customize its configuration to meet your requirements.

BoxPicker is configurable from a minimum of 3 modules, with one or more operator station.

One unique system can accommodate ambient, refrigerated and narcotic storage requirements.

As your pharmacy needs evolve, you can expand your system by adding modules, rather than having to invest in another piece of equipment.

MODULES

Full modules accommodate boxes for standard size items and four high-capacity drawers for larger items.

Workstation modules combine a computer, barcode scanner, label printer and four access drawers for loading and unloading. Labels are printed to combine patient-specific information with the unloaded medication, for secure and efficient deliveries to patient floor.

Systems are configured from the following options:

Workstations

Supports additional workstations for simultaneous system access on the same or opposite side of the BoxPicker System.

Ambient Modules

Store unit dose and bulk medications that do not require special handling or temperature control.

Dual-Temperature Modules

Eliminate the need for separate pharmacy refrigerators by storing temperature-sensitive items in a refrigerated half module.

Controlled (Narcotic) Modules

Store narcotics separate from non-controlled substances in a secure, tamper-proof half module. BoxPicker Software tracks medication access and applies strict dispensing controls.

Fully Refrigerated Model

Replace standard pharmacy refrigerators.

CLEANROOM ACCESS:

BoxPicker supports USP <797> compliance by providing a secure pass-through to anterooms. Its positive-pressure airflow ensures the integrity of anteroom and cleanroom environments. By installing a workstation on the opposite side of the BoxPicker, pharmacies can:

- Increase efficiency by enabling staff to retrieve compounding supplies and medications without having to leave the cleanroom environment
- Load the BoxPicker on the pharmacy side and retrieve products directly in the anteroom
- Eliminate the need to gown up and enter the clean room to deliver inventory



¹ Source: http://www.pppmag.com/article/693/April_2010/Product_Spotlight_Swisslogs_BoxPicker/?Swisslog

² Kasbekar, Nishaminy, BS, PharmD, FASHP. "PillPick and BoxPicker from Swisslog" Pharmacy Purchasing & Products Vol. 10 No. 7 July 2013

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