

BoxPicker

Automated Drug Management System

Pharmacy Store and Pick System

BoxPicker is an efficient, space-saving, modular, and expandable pharmacy storage/ dispensing solution. Swisslog's one-of-a-kind refrigeration option replaces pharmacy refrigerators and increases security for drugs requiring cold storage.

Operation

BoxPicker stores and dispenses items in individual storage bins. The operator fills a bin with medications and BoxPicker automatically stores it on shelving inside a secure enclosure. All transactions start and finish through a locked drawer.

Storage

The information about the contents of a bin is entered at the work station using the keyboard or the bar-code scanner. One of the drawers unlocks presenting a storage bin for loading. The operator fills the bin, closes the drawer, and the system stores the bin on shelving.

Retrieval

Retrieval is the same process in reverse. The bin is picked from its storage location in the shelving and placed in a drawer, which releases to allow operator access. Automatic storage and retrieval proceeds inside the unit while the operator is loading and unloading bins.

Configuration

The basic BoxPicker consists of three modules and one workstation. Each module contains 240 bins and four high-capacity drawers. Workstations consist of a computer terminal, bar-code scanner and access drawers for bins. Additional modules and operator stations can be provided as needed.



Features and Benefits

- Secure and limited access to medications
- Limits access to one medicine bin at a time
- Unique single-opening loading feature reduces wrong location placement
- Software tracks inventory, access and interfaces directly with hospital information systems
- A two-workstation configuration permits simultaneous production and improved efficiency
- Picks more than 3 bins to 1, when compared to carousels, greatly enhancing hourly throughput and production
- High-density, compact storage (up to 687 bins) in less than 75 sq. ft. of floor space
- Smaller than carousels, high density storage provides 687 bins in 5' x 15' space with 4' wide module additions available

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Dispensing

BoxPicker Specifications

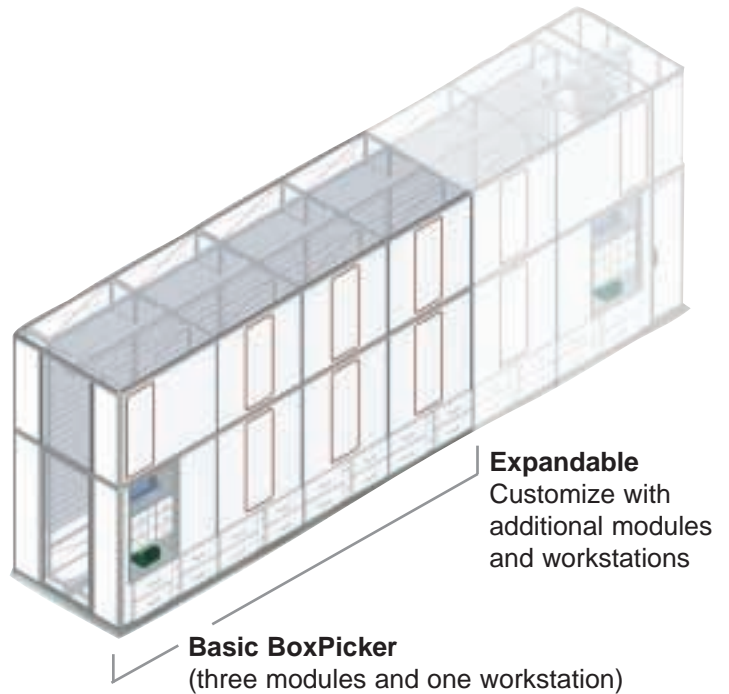
Technical Features

Capacity

Basic three-module unit with one workstation:
687 bins and 12 high-capacity drawers

Each additional module:
240 bins and 4 high-capacity drawers

Each workstation:
Subtract 33 bins



Dimensions

Basic three-module unit
Each additional module
Bins
High-capacity drawers
Refrigeration unit

Length

14' 9" (4.5 m)
4' (1.2 m)
14" (25.5 cm)
19.25" (49 cm)
4' (1.2 m)

Width

5' (1.53 m)
5' (1.53 m)
7.25" (18.5 cm)
15" (38 cm)
4' (1.2 m)

Depth

9' 10" (3 m)
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3.375" (8.6 cm)
7.5" (19 cm)
2' (.6 m)

Weight

Basic three-module unit
Each additional module
Refrigeration unit

1,550 lbs (703 Kg)
450 lbs (204 Kg)
100 lbs (45 Kg)

Power

Basic three module unit
Refrigeration unit

230/460 volt, 3-phase, 7 kW
230/460 volt, 3-phase, 2 kW

Compressed air

90 psi, 2 cfm

Peak sound level

<70 dbA

Actuations per hour

up to 300/hour

Due to ongoing improvement programs, Swisslog reserves the right of production or design change without notice or obligation.

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