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BoxPicker Automated Storage and Retrieval by Swisslog

BoxPicker is the innovative medication storage and retrieval solution providing secure storage for bulk medications and supplies with the capability of completing up to 200 transactions per hour.

President:	Charlie Kegley
Founded:	1915
Employees:	>250
Phone:	(800) 525-1841
Address:	Swisslog Healthcare Solutions
	10825 East 47th Avenue
	Denver, CO 80239
Website:	www.swisslog.com
Email:	healthcare@swisslog.com

swisslog

Company Background

Swisslog Healthcare Solutions began in 1915 as The Grover Company, a provider of pneumatic tube systems for local Detroit businesses. Over the years the company has transformed into a leading provider of integrated logistics solutions for healthcare facilities around the world. Its comprehensive product portfolio ranges from pharmacy automation to medication management and materials transport systems.

Swisslog's solutions optimize customers' production, logistics and distribution processes in order to increase flexibility, responsiveness and quality of care while minimizing logistics costs. Decades of experience in the development and implementation of integrated logistics solutions have led more than 2,000 hospitals throughout North America to install Swisslog products.

The North American Division of Swisslog Healthcare Solutions is based in Denver, CO.

Product Overview

BoxPicker is an automated pharmacy warehouse unlike anything else on the market today. It provides high-density storage and retrieval of medications and supplies in non-refrigerated, refrigerated and dual temperature models. The modular and scalable system can meet the needs of any pharmacy and offers a cost-effective alternative to vertical carousel storage. It's ideal for pharmacies looking to improve picking times and accuracy as well as achieving perpetual inventory.

This unique solution to medication storage and retrieval allows the pharmacy to pick medications at a rate up to 3 times faster than a carousel, averaging 5 picks per minute and up to 200 transactions an hour. BoxPicker utilizes scan in and out practice, and as a result provides extremely accurate inventory control while optimizing pharmacy workflow.

Orders to be filled are submitted directly to BoxPicker through the hospital's IT system. After entering their password into the secured system, the technician uses the touch screen interface to fulfill the orders. The internal robotic arm quickly picks the necessary bin and delivers it to a secured drawer. Once in place, a light indicated which drawer the bin was delivered to and unlocks the drawer. Access is limited to a single drawer at a time in order to eliminate picking errors. The technician scans the barcoded item for verification and inventory tracking.

For storage, items are scanned and loaded into their assigned bin. Once filled, the drawer is closed and the bin is automatically placed onto a shelf until retrieval is requested.

BoxPicker can also be utilized as a clean pass-through for USP 797 Clean Room applications.

Features and Benefits
- Secure and limited access to medications
- Limits access to one medicine at a time
- Picks more than 3 bins to 1 when compared to carousels
- Software tracks inventory, access and interfaces directly with hospital information systems
- Unique single-opening loading feature reduces wrong location placement
- Refrigerated, non-refrigerated and dual temperature options
- Modular for easy expansion

Additional Product Lines
ATP Series™

Inventory Management Software

PillPick™

MedRover™

MedPickRx™

TransLogic™ Pneumatic Tube System

RoboCourier™ Autonomous Mobile Robot

Ordering Information

To see how our medication management solutions can best serve your pharmacy, please contact us today at (800) 525-1841 or healthcare@swisslog.com.