BookDepot

Enhancing Speed, Efficiency, and Accuracy with ProGlove at Book Depot

INDUSTRY

Retail

PROGLOVE SOLUTION

LEO, MARK Display, MARK 3,
Hand Strap, Index Trigger, Gateway

NUMBERS

PROGLOVE customer since
2021

1 warehouse

538.195 sq ft / sqm 500,000

PROGLOVE devices in use
146

Number of shipped parcels / days

5,500 average

11,000 peak season

PROGLOVE

About Book Depot Inc.

Book Depot Inc., a leading wholesaler and retailer of bargain books, has a strong presence throughout North America. With various brands under its umbrella, including Book Depot, Book Outlet, Kidsbooks, and Spark Book Fairs, the company handles a high volume of books daily, making maximum productivity crucial for their operations. Their mission is to enchant the mind, one book at a time, while ensuring their customers receive top-quality service.

Summary

The implementation of ProGlove at Book Depot yielded remarkable outcomes, enhancing speed, efficiency, and accuracy across their operations. The company experienced significant enhancements that sparked a positive transformation in their workflows, which remains an ongoing focus for continuous improvement.

Challenge at Book Depot Inc.

Book Depot identified areas for improvement in their day-to-day operations, particularly in optimizing employee safety and streamlining workflows. They acknowledged that outdated handheld scanners and netbooks were impeding team members' mobility and efficiency during the shelf picking process, resulting in longer takt time and suboptimal workflows. In particular, ensuring the safety of employees working at heights of up to 7.5 meters was of utmost importance. To attain their objectives of speed, efficiency, accuracy, and safety, Book Depot sought a solution that would optimize processes and elevate worker productivity.

KEVIN
Operations Manager,
Book Depot Inc.

"ProGlove has truly made a positive impact on our business, elevating our speed, efficiency, and accuracy. With this technology, we can carry out our mission of enchanting the mind one book at a time with even greater precision. Its implementation not only enables us to achieve our goals more efficiently but also reinforces our commitment to delivering top-quality service to our valued customers."

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Areas of application for ProGlove at Book Depot Inc.

Use Case 1: MARK 3 for forklifts & heights

With the introduction of ProGlove, Book Depot experienced a remarkable reduction in takt time. In the receiving area, where thousands of books are processed daily, the ProGlove MARK 3 enabled the team to scan items from inside the forklift, eliminating the need for separate handheld scanners. This simplified their daily routine and reduced takt time by up to 8 seconds per carton, allowing for faster processing and improved productivity.

Prioritizing employee safety, Book Depot adopted MARK 3 in their bulk inventory management system. This implementation proved to be a game-changer for workers who operated at heights of up to 7.5 meters. The ability to scan quickly and reliably from a distance, while freeing both hands, empowered operators to remain within the machine's boundaries and maintain focus. As a result, their safety while working at elevated heights was ensured.

Use Case 2: LEO, fastest scanner

The shelf picking process underwent a major transformation with the integration of ProGlove's LEO scanner. Designed specifically for nearfield scanning tasks, it replaced the outdated wedge scanners previously used. The introduction of tablets instead of netbooks increased the mobility and flexibility of the staff, while also streamlining the process and reducing the number of steps required. As a result, Book Depot achieved an impressive 4-second reduction in takt time per scan, significantly improving overall efficiency.

In the auto sortation area, the ProGlove LEO scanners proved to be invaluable. These advanced devices enabled team members to work hands-free, scanning barcodes at the destination and seamlessly pairing them with the corresponding cartons. As a result, takt time was reduced by four seconds per assigned tote, streamlining the sorting process and ensuring efficient order fulfillment. Additionally, MARK Display helped them quickly verify customer ID and destination and provided quick troubleshooting capabilities for customer orders that required extra attention, further enhancing accuracy and customer satisfaction.

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Use Case 3: MARK Display

The introduction of ProGlove MARK Display in the shipping process, proved instrumental. This lightweight and slim technology, comfortably worn on the back of employees' hands, seamlessly integrated into their tasks of preparing books for shipment. The integration resulted in a remarkable reduction of 8 seconds per package in takt time. As a result, Book Depot gained the ability to ship thousands of additional units daily, ensuring swift and precise order fulfillment to meet customer demands.

Outlook

The implementation of ProGlove at Book Depot brought about remarkable results, enhancing speed, efficiency, and accuracy across operations. Takt time saw a significant reduction of up to 18%, while the capacity for order handling was greatly improved. The streamlining of workflows and simplification of processes eliminated the need for outdated scanners. ProGlove not only improved worker safety through hands-free scanning but also optimized overall operations, aligning perfectly with Book Depot's unwavering commitment to delivering quality service.