

CASE STUDY

Leading Garage Door Manufacturer

SOLUTION

Pick-to-Light | Matthews Lightning Pick

APPLICATION

Manufacturing Distribution

“Space consideration was a key factor for this project.

Being able to consolidate the pick lines into one with Lightning Pick, we now use half the space of our former layout.

Also, being in a real-time environment with Lightning Pick has brought cost savings.

The Pick-to-Light line has reduced labor dedicated to picking by a couple of shifts of time per day.”

Carl Weidel
Project Manager
Raynor Worldwide



Case Study: Raynor Garage Doors

Manufacturer of garage doors relies on Matthews Lightning Pick for faster, more efficient order and custom parts picking

THE COMPANY

Since 1944, Raynor has been an industry leading garage door manufacturer. Supplying both residential and commercial garage doors nationwide, they also have distributors in 50 countries on 5 continents. Their products are crafted for dependable, long-lasting performance.

THE CHALLENGE

The Dixon, Illinois-based company faced an important challenge in their distribution center: how could they consolidate twelve picking lines into one and increase fulfillment accuracy at the same time?

Initially, other applications like carousels were considered, but after a thorough investigation Raynor selected a pick-to-light system to meet their unique requirements.

THE SOLUTION

Raynor installed the pick-to-light solution to automate, add productivity and consolidate their order picking line. Lightning Pick and Raynor worked closely together to meet specialized requirements enabling them to better consolidate their made-to-order parts picking operations. Lightning Pick software plus over 250 light modules made for faster, more efficient order picking. Some of the many benefits included a reduction in cost of maintaining 12 separate lines, a reduction in the cost of labor, and a new, space-saving layout.



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THE RESULTS

Adding Lightning Pick increased Raynor's cartons picked per department rate (including non-Lightning Pick controlled areas) from 5.5 to 6 cartons per man-hour, and provided nearly flawless accuracy.

Lightning Pick also installed lights in Raynor's custom parts consolidation area to direct operators, with the bay displays showing the made-to-order part number and the correct order number requiring those parts (photo, top right).

In addition, the pick-to-light system was customized to streamline the picking of product manuals. A unique application was developed, using light modules to alert operators if a pick is required from the adjacent literature rack. The lights then indicate which manuals and quantities of manuals to pick for the order (photo, bottom right).



THE SAVINGS

The paperless, real-time system has also had savings advantages.

Raynor's Project Manager elaborates: "The pick-to-light line now has reduced labor dedicated to picking by a couple of shifts of time per day. We have streamlined our process and increased throughput direct to the shipping dock, and now that same personnel once dedicated mostly to picking can be applied in other important areas as well."

Carl Weidel, Project Manager at Raynor, was a key initiator and guiding force behind the project. He offers the following comments about his experience working with Lightning Pick on the project:

"I was very pleased from the initial contact with Steve Hansen (Lightning Pick Account Manager) forward. From planning to delivery we were in constant, open communication."

"Lightning Pick's physical installation of the Pick-to-Light system was a snap; the project overall was a very positive experience."

Let's talk about your application.

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