



ZONING AND POSITIONING

FOR RAYMOND SWING-REACH®
AND ORDERPICKERS

RAYMOND

A PATH TO SUPERIOR PRODUCTIVITY AND OPERATOR PROFICIENCY

With skilled operators in short supply and inexperienced employees covering seasonal demands, lift truck operations in wire guided, very narrow aisle applications need to be as simple as possible to:

- + Maximize productivity
- + Accelerate operator proficiency
- + Reduce picking errors
- + Minimize impacts and damage
- + Mitigate employee turnover

Raymond's Zoning and Positioning (ZaP) options ensure more reliable, repeatable truck operation by controlling many order picking and Swing-Reach functions. Operators are able to focus on their surroundings and the task at hand instead of searching for locations, so they can learn more quickly, execute more accurately, and work more efficiently.

FEATURED OPTIONS:

ZONING



Limits truck functions such as lift height and travel speed to adapt to the unique features and conditions of your facility; varying ceiling heights or truck-restricted zones. (Available as a stand alone option)

POSITIONING



Guides the truck to the next storage location, taking the fastest, most efficient path for optimum productivity. (Includes Zoning)

WMS INTEGRATION (Optional)



Allows you to assign and send orders electronically to a specific truck, eliminating the need to manually enter order locations. (Includes Zoning and Positioning)

FROM CASE PICKING TO FULL PALLET HANDLING—PRECISION NAVIGATION FOR APPLICATIONS THAT NEED IT MOST

Nowhere are the benefits of ZaP felt more strongly than in very narrow aisle applications. By ensuring your Swing-Reach trucks and Orderpickers are in exactly the right location as quickly as possible—from one slot to the next—Raymond's ZaP solutions offer faster pick rates and pallet movements for superior productivity.

RAYMOND 5500/5600 ORDERPICKERS

Designed for Ultimate Performance



- + Ergonomic, intuitive design
- + Better acceleration, faster speeds
- + Superior reliability
- + Best-in-class components with minimized maintenance

QUICK SPECS:

- + Fork Heights: up to 390"
- + Capacities: up to 3,000 lbs.
- + Power: 24V / 36V
- + Masts: 3-stage
- + Wire Guidance (optional—required for Zoning and Positioning)

RAYMOND 9600/9700 SWING-REACH TRUCKS

Setting the Standard for Very Narrow Aisle Versatility



- + Customized solutions
- + Fine positioning and control of lift, travel and load handling
- + Rock solid stability at height
- + Operates in aisles as narrow as 58" with standard loads and 13-foot intersecting aisles with loads up to 52" wide

QUICK SPECS:

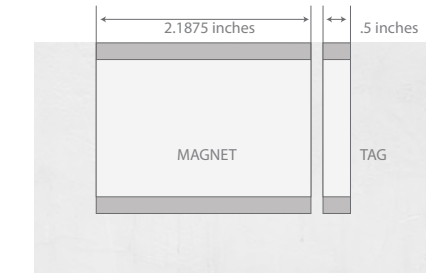
- + Fork Heights: up to 514"
- + Capacities: up to 3,000 lbs.
- + Power: 48V
- + Reach-Fork® pantograph design and standard 4" x 1.75" forks
- + Wire Guidance (optional—required for Zoning and Positioning)

ZONING

Zoning ensures more consistent and reliable truck operation by controlling, restricting, and defining certain truck parameters and behaviors—including travel speed and lift height—at precise locations in specific aisles.

Zoning allows your trucks to adapt to:

- + Varying ceiling heights
- + Pedestrian cross walks or end-of-aisle stop/slow
- + Restricted or safety zones
- + No entry areas or enforced one-way travel
- + Racking irregularities
- + Congested areas



RFID tags embedded in the floor transmit instructions to your trucks, overriding manual controls to:

- + Reduce the effects of human error and differences in operator skill
- + Minimize truck and facility damage by avoiding collisions with known obstacles

OVERHEAD OBSTRUCTION

OPTIMAL ROUTE WITH POSITIONING

CUSTOMIZABLE ZONING

aisle detection, slow to stop

EMBEDDED RFIDTAGS

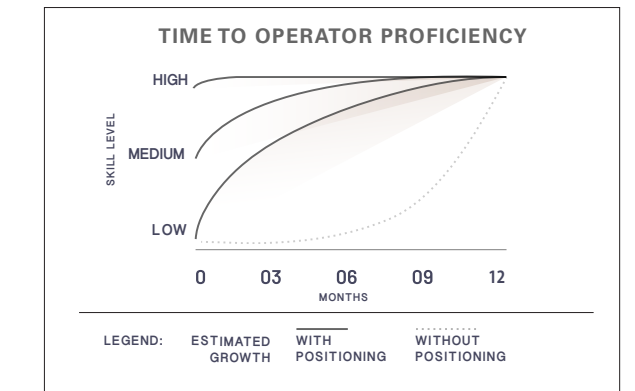
POSITIONING

Working in tandem with Zoning technology, Positioning capabilities allow your trucks to minimize travel time and maximize productivity by always taking the optimal route between storage locations.

By coordinating a truck's lift height and speed with a pre-programmed map of your facility and storage locations, Positioning allows significantly fewer horizontal and vertical adjustments to get to the next pick location.

By creating a faster, smoother path to the next task location, Positioning can:

- + Accelerate the proficiency timeline of new or inexperienced operators
- + Improve picking speed, efficiency, and process flow without compromising accuracy
- + Minimize impacts and facility damage



RUN BETTER. MANAGE SMARTER.®

The world is always changing. Always evolving. Always moving ahead. To keep pace, you've got to run better, manage smarter. At Raymond, we're built to keep you running. We're built to solve your problems. End to end. Our passion for what we do drives how we impact your world. It helps us understand its unique challenges, and rise above them. In the warehouse and beyond, Raymond is always thinking about your business. Always looking forward. Always on.

For more information or a demonstration of our Swing-Reach or Orderpicker Zoning and Positioning options, please contact your local Raymond Sales Representative.

IF YOU'RE LOOKING FOR A PARTNER WITH THE TOOLS AND EXPERIENCE TO HELP YOU RUN BETTER AND MANAGE SMARTER, LET'S TALK.

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