

RAYMOND ADVANCE™

OPERATOR ASSIST TECHNOLOGY

IN-AISLE REMOTE CONTROLLED TRAVEL
FOR ENHANCED PICKING EFFICIENCY

With skilled workers in short supply and labor already at peak performance, facilities are turning to innovative technologies that can streamline workflows and help get the most out of every employee.

By equipping operators with the patent-pending Raymond Advance™ Operator Assist Technology, businesses can reduce low-level picking redundancies and operator fatigue for greater efficiency and productivity.

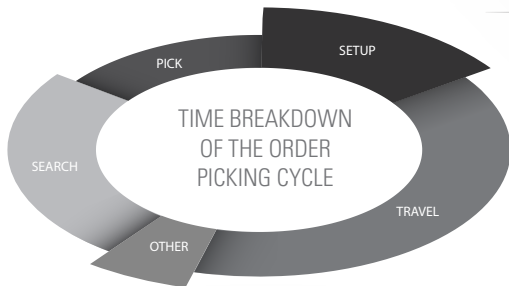
This technology minimizes the pick cycle time by allowing the operator to remotely command the truck to travel tractor-first in an aisle between picks.

ENHANCE PICK
FLOW EFFICIENCY AND
OPERATOR CONFIDENCE

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20% INCREASE*
PRODUCTIVITY

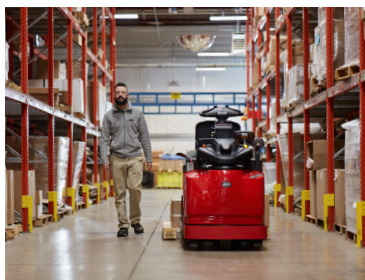


The Raymond Advance Operator Assist Technology is available on the 8510 Center Rider (new factory orders or aftermarket field installation).



OPERATOR ASSIST TECHNOLOGY

- + Optimizes operator picking position from pick-to-pick, increasing efficiency
- + Reduces operator physical demands by minimizing truck mounts and dismounts



BETTER PERFORMANCE IN THE PALM OF YOUR HAND

- + Small, ergonomic remote control offers comfortable operation in either hand. Durable, polycarbonate shell offers easy sterilization
- Optional remote holder available for increased operator convenience and comfort
- + “Tap & Go” functionality lets you hover the remote control to any truck’s onboard sensor for rapid Near Field Communication (NFC) pairing
- + Selector interface displays system status at a glance

*Productivity increases are generated from simulation and are not guaranteed and actual gain may vary based on multiple factors including but not limited to the type of product being picked, operator experience, number of picks per aisle and aisle length. Please reference raymondcorp.com for more information.

If you're looking for a partner with the tools and experience to help you run better and manage smarter, contact us today at 1-800-235-7200 or visit us at raymondcorp.com.

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IN-AISLE NAVIGATION AND OBSTACLE DETECTION

Using smart technology, a Laser Sensor Unit and three fields of detection help navigate the truck and detect obstacles in its path.

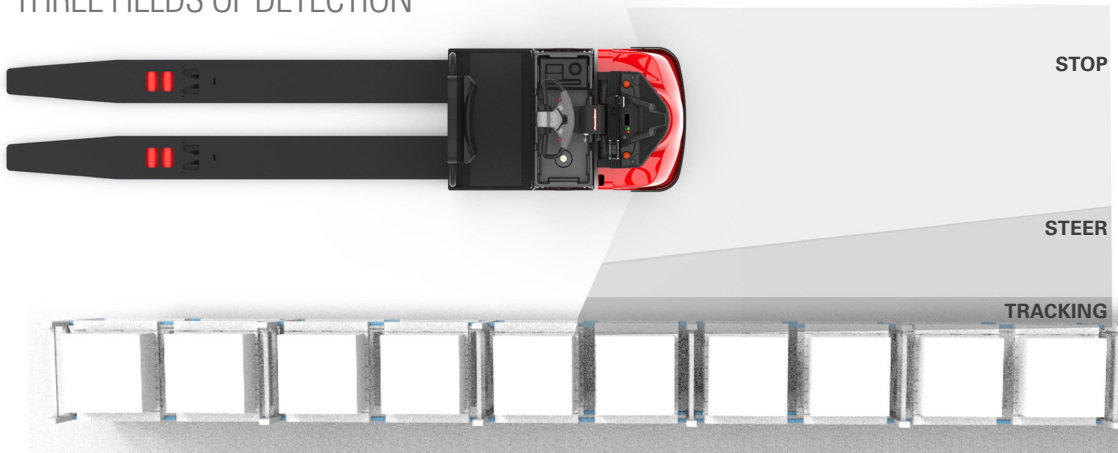
NAVIGATION

Operator can select either side of an aisle to navigate, and the truck will keep a predetermined distance from the rack. Operator is always in control and can override the tracking function at any time.

OBSTACLE DETECTION

Traveling in the tractor first direction, the truck can come to a complete stop if an obstacle is detected to minimize impacts and product damage.

THREE FIELDS OF DETECTION



STOP

Stop Field

when an obstacle is detected in the stop field, the truck can be brought to a stop.

STEER

Steer Field

the truck will attempt to navigate around an obstacle detected in the steer field.

TRACKING

Tracking Field

the truck will drive straight when the rack is detected in the tracking field.

MANUAL OR REMOTE OPERATION FOR GREATER VERSATILITY

The optional, intuitive jog button lets operators use the truck in manual mode, jogging it forward using the control handle. Manual operation allows facilities to overcome the challenges of high employee turnover and differing skill sets. As operator confidence increases, the Raymond Advance Operator Assist Technology becomes a logical next step.



TURN YOUR TRUCKS INTO THE ULTIMATE PICKING MACHINES

Raymond offers integrated multimodal technologies that can be added to your base trucks. By combining the Raymond Advance Operator Assist Technology with our patented Pick2Pallet™ LED Light System, you can experience even greater picking efficiency, accuracy and productivity.

PERFORMANCE SPECIFICATIONS

No system integration or special on-site installation required at start-up

Advance Travel Speed (mph): 3.6
Riding (manual) Mode Speed:
6,000 lb. loaded/unloaded (mph): 6.5/9
8,000 lb. loaded/unloaded (mph): 6.2/9

Fields of Detection: Tracking, Steer, Stop
Pairing: Near Field Communication (NFC)
Environments
-Min/Max ambient temp: 32°F/110°F

Raymond is at the forefront of developing operator assist technologies that help companies optimize processes today while bridging the gap to the fully automated systems of tomorrow. We take the time to understand and assess your application before recommending solutions, helping ensure they're a good fit for your facility and a good investment for your business.

For a demonstration of the Raymond Advance Operator Assist Technology or Pick2Pallet LED Light System, please contact your local Raymond Solutions and Support Center.