RAYMOND COURIER
AUTOMATED GUIDED VEHICLES

A FLEXIBLE SOLUTION FOR TODAY’S LABOR CHALLENGES

With the ongoing challenges of labor reliability, availability, and affordability, operations are exploring and embracing the benefits of automation.

No matter where you are in the adoption process, the Raymond Courier™ offers a flexible, easy-to-implement, vision guided solution requiring no changes to your facility or interruption to your operation.

FAST PAYBACK. LOW TOTAL COST OF OWNERSHIP:

Optimize resources and productivity:
+ Automate repetitive applications and free up workers to focus on more value-added tasks
+ One operator can simultaneously manage multiple trucks

Maximize scalability and flexibility:
+ Add trucks as needed
+ Easily integrated into your existing fleet and facility

Quickly adapt to changing business needs:
+ Simple programming and reprogramming
+ Fast route transfers between trucks for easy redeployment

CONTROL YOUR TRUCKS—AND YOUR BUSINESS

VISION GUIDED TECHNOLOGY
engineered by Seegrid—a market leader in 3D vision navigation—captures a 360° view of your environment, mapping locations and controlling truck behaviors.

SUPERVISOR SOFTWARE
allows you to monitor your Raymond Courier trucks from any web-enabled computer or mobile device—24/7—with real-time status updates.

iWAREHOUSE® TELEMATICS
gives you data-driven insights into your facility’s operation by working with all the vehicles in your fleet—Raymond or non, automated or manual—to help you optimize fleet and labor productivity.

Automated horizontal and vertical solutions for warehousing, distribution, and manufacturing operations.
AUTOMATING—AND IMPROVING—YOUR WORKFLOWS

From inbound to outbound, simple cross-docking to more involved workflows, Raymond Courier trucks can seamlessly and reliably automate a variety of tasks in warehousing, distribution and manufacturing operations.

OVERVIEW

- Horizontal transport and vertical pallet handling capability; versatile option ideal for pick-up and drop-off, end-of-aisle, end-of-line and conveyor picking applications
- Horizontal transport; ideal for pulling cart or trailer loads in batch picking, parts-to-line and end-of-line (automated conveyor cart) applications
- Horizontal transport; ideal for transporting pallets over long hauls, for put-aways, cross-docking and staging load applications

Battery Voltage: 24 volts | Floor to Top of Vision Guidance Unit: 90.2”

+ Capacity: 2,500 lbs.
+ Overall Length: 121.5” with 42” forks
+ Turning Radius – raised: 74.5”
+ Max Ramp Elevation/Incline: 8%
+ Max Elevated Lift Height: 72”

+ Capacity: 10,000 lbs.
+ Overall Length: 66.1”
+ Turning Radius – raised: 60.1”
+ Max Ramp Elevation/Incline: 10%

+ Capacity: 8,000 lbs.
+ Overall Length: 160.3”
+ Turning Radius – raised: 123.4”
+ Max Ramp Elevation/Incline: 5%

SPECIFICATIONS

- Automatic reverse motion and load engagement
- Dual object detection sensors, and ITA fork design
- Automatic unhitch capability with dual slots for hitch height adjustment
- Automatic reverse motion, load engagement and drop-off, and universal tapered forks

3020 LOW CLEARANCE ARCH (OPTIONAL):

For applications that operate under low overhanging structures (conveyors, stairwells, and facility infrastructure such as piping, tubing, and mezzanines)

+ Floor to Top of Vision Guidance Unit: 66”
+ New light curtain design: 2 SICK-TIM sensors for extended coverage

KEY FEATURES & OPTIONS

APPLICATIONS

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<th>INBOUND</th>
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<td>Staging to Putaway (rack storage up to 72”)</td>
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<td>Staging to Pick &amp; Drop Location</td>
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<td>Crossdock (staging to staging)</td>
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<td>Pallets from Pick &amp; Drop to Outbound Staging</td>
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<td>Trash/Dunnage Transport</td>
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<td>Order Pallets/Carts to Pack-Out</td>
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<td>Pallets to Wrapper / Wrapper to Outbound Staging</td>
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INBOUND

- Staging to Putaway (floor storage)
- Staging to Pick & Drop Location
- Kitted Parts-to-Line
- Bulk Parts-to-Line
- Small Parts-to-Line
- Sub-Assembly to Assembly Line
- Empty Container Management
- Trash/Dunnage Transport
- Finished Goods to Warehouse
- Finished Goods to Outbound

MANUFACTURING

OUTBOUND

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.