



# 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

Automated horizontal and vertical solutions for warehousing, distribution, and manufacturing operations.

## 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.

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.



# 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.



**COURIER 3030  
AUTOMATED  
STACKER**



**COURIER 3020  
AUTOMATED  
TOW TRACTOR**



**COURIER 3010  
AUTOMATED  
PALLET TRUCK**

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"

SPECIFICATIONS

- + 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%

KEY FEATURES & OPTIONS

- + 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

## APPLICATIONS

		3030	3020	3010			3030	3020	3010		
WAREHOUSING	INBOUND	Staging to Putaway (rack storage up to 72")	x			MANUFACTURING	Staging to Putaway (floor storage)	x			
		Staging to Pick & Drop Location	x		x		INBOUND	Staging to Putaway (rack storage up to 72")	x		
		Crossdock (staging to staging)	x	x	x		Staging to Pick & Drop Location	x		x	
	MATERIAL MOVEMENT	Pallets from Pick & Drop to Outbound Staging	x		x		MATERIAL MOVEMENT	Kitted Parts-to-Line		x	
		Trash/Dunnage Transport	x	x				Bulk Parts-to-Line	x	x	x
	OUTBOUND	Pallet Picking (floor storage)	x					Small Parts-to-Line		x	
		Layer picking to Outbound Staging	x					Sub-Assembly to Assembly Line		x	
		Order Pallets/Carts to Pack-Out	x	x	x			Empty Container Management	x	x	x
		Pallets to Wrapper / Wrapper to Outbound Staging	x				Trash/Dunnage Transport	x	x	x	
							OUTBOUND	Finished Goods to Warehouse	x	x	x
					Finished Goods to Outbound	x	x	x			

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