

# RAYMOND COURIER™ AUTOMATED GUIDED VEHICLES



## A COLLABORATIVE 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.

Raymond Courier™ trucks allow facilities to automate repetitive, horizontal transport, freeing operators for more value-added tasks. No matter where you are in the adoption process, the Raymond Courier truck 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.

#### Quick Commissioning

- + No infrastructure changes or business interruption
- + Truck can be operational from Day 1

#### Superior Flexibility

- + Simple programming and reprogramming
- + Automatic and manual operation

#### Exceptional Scalability

- + Fast route transfers between trucks
- + Add or redeploy trucks as needed

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

\*Actual savings and payback time for your specific location and application may vary. Reference our Raymond Courier Automated Guided Vehicles Brochure for sample application data.

## 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. *(optional)*

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](http://raymondcorp.com).

# RAYMOND

# 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

COURIER 3010  
AUTOMATED  
PALLET TRUCK



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

COURIER 3020  
AUTOMATED  
TOW TRACTOR



Horizontal transport; ideal for pulling cart or trailer loads in batch picking, parts-to-line and end-of-line (automated conveyor cart) applications

COURIER 3220  
AUTOMATED  
TOW TRACTOR



Horizontal transport; ideal for pulling carts or trailers with heavy loads on flat ground or ramps in batch picking, parts-to-line and end-of-line (automated conveyor cart) applications

COURIER 3030  
AUTOMATED  
STACKER



Horizontal transport; ideal for transporting pallets over long hauls, for put-aways, cross-docking and load staging applications

MAXIMUM CAPACITY	RAMP CAPACITY	OVERALL LENGTH	TURNING RADIUS	KEY FEATURES & OPTIONS
8,000 lb	N/A	160.3"	123.4"	+ Reverse motion and obstruction sensor (optional) + Auto pallet engagement + ITA fork design
10,000 lb	500 lb @ max. 5%	66.1"	60.1"	+ Automatic hitch and unhitch with dual slots for hitch height adjustment (optional) + Low Clearance Arch available for restricted-height areas down to 63" (optional)
15,000 lb	7,500 lb @ max. 11%	75.7"	69.8"	+ Dual slots for hitch height adjustment (optional) + Low Clearance Arch as standard design; can operate under low hanging structures
2,500 lb	8% at max. load	121.5" with 42" forks	74.5"	+ Reverse motion and obstruction sensor (optional) + Auto pallet engagement and drop-off + Universal tapered forks + Single and double fork lengths available

All Models: 24V Battery

Floor to Top of Vision Guidance Unit: 90.2" (models 3010, 3020, 3030)

Floor to Top of Operator Interface Unit: 63" (models 3220 and 3020 Low Clearance Arch option)

## APPLICATIONS

		3030	3220/3020	3010			3030	3220/3020	3010		
WAREHOUSING	INBOUND	Staging to Putaway (floor to rack storage up to 72")	x			MANUFACTURING	Staging to Putaway (floor to rack storage up to 72")	x			
		Staging to Pick & Drop Location	x	x	x		Staging to Pick & Drop Location	x	x	x	
		Crossdock (staging to staging)	x	x	x		MATERIAL MOVEMENT	Kitted Parts-to-Line		x	
	MATERIAL MOVEMENT	Pallets from Pick & Drop to Outbound Staging	x	x	x			Bulk Parts-to-Line	x	x	x
		Trash/Dunnage Transport	x	x				Small Parts-to-Line		x	
	OUTBOUND	Pallet Picking (floor storage)	x					Sub-Assembly to Assembly Line		x	
		Layer picking to Outbound Staging	x					Empty Container Management	x	x	x
		Order Pallets/Carts to Pack-Out	x	x	x		Trash/Dunnage Transport	x	x	x	
Pallets to Wrapper/Wrapper to Outbound Staging		x	x		OUTBOUND	Finished Goods to Warehouse	x	x	x		
				Finished Goods to Outbound		x	x	x			

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