

# RAYMOND COURIER™ AUTOMATED GUIDED VEHICLES

A PROVEN,  
FLEXIBLE, SIMPLE  
SOLUTION

## A COLLABORATIVE SOLUTION FOR TODAY'S LABOR CHALLENGES

With an array of automated material handling capabilities, Raymond Courier™ Automated Guided Vehicles (AGVs) can help you run more efficiently—and cost-efficiently.

Flexible and scalable, the AGVs can be quickly and easily put into operation and customized to your needs with no infrastructure changes or interruption to your business. They can also be seamlessly integrated with other systems—including conveyors and robotics—for more complete automated workflows.

### BENEFITS AT A GLANCE

- + **Customizable to virtually any application** with easily configurable Fleet Management Software.
- + **Adaptable to changing business needs** with routes that can be easily added or modified by internal personnel.
- + **Minimizes opportunities for operator error** with a precise vision guidance system that recognizes the environment and detects obstacles.
- + **Sold, supported, and serviced** by your local Raymond Solutions & Support Center.



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

### FLEET MANAGEMENT SOFTWARE

- + Monitor and manage your fleet in real time
- + Check truck location and status
- + Automatically assign behaviors and routes for each vehicle

### OPTIONS FOR ENHANCED AUTOMATED WORKFLOWS

- + Battery charging (full, partial, opportunity)
- + Hitching/unhitching
- + Pallet engagement

### SUPERIOR SUPPORT SERVICES

- + Initial consultation and warehouse/process optimization
- + Customized implementation
- + Ongoing support and route modification

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 AGVs can seamlessly and reliably automate a variety of tasks in warehousing, distribution and manufacturing operations.

## OVERVIEW

COURIER 3010  
AUTOMATED  
PALLET TRUCK



Horizontal transport; ideal for transporting pallets over long hauls, for put-aways, cross-docking and load staging 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 and vertical pallet handling capability; versatile option ideal for pick-up and drop-off at dock, end-of-aisle, end-of-line and conveyor picking applications

MAXIMUM CAPACITY	OVERALL LENGTH	TURNING RADIUS	KEY FEATURES & OPTIONS
8,000 lb	160.3"	123.4"	<ul style="list-style-type: none"> <li>+ Reverse motion and obstruction sensor (optional)</li> <li>+ Auto pallet engagement and drop-off</li> <li>+ Universal tapered forks</li> <li>+ Single and double fork lengths available</li> </ul>
10,000 lb	66.1"	60.1"	<ul style="list-style-type: none"> <li>+ Automatic hitch and unhitch with dual slots for hitch height adjustment (optional)</li> <li>+ Low Clearance Arch available for restricted-height areas down to 63" (optional)</li> </ul>
15,000 lb	75.7"	69.8"	<ul style="list-style-type: none"> <li>+ Dual slots for hitch height adjustment (optional)</li> <li>+ Low Clearance Arch as standard design; can operate under low hanging structures</li> <li>+ Ramp Capacity: 7,500 lbs. @ max 11%</li> </ul>
2,500 lb	121.5" with 42" forks	69.9"	<ul style="list-style-type: none"> <li>+ Lane staging capability (optional)</li> <li>+ 3D LiDAR object-detection sensor package</li> <li>+ Reverse motion and obstruction sensor</li> <li>+ Auto pallet engagement</li> <li>+ ITA fork design</li> <li>+ Low Clearance Arch standard; can operate under low hanging structures</li> </ul>

All Models: 24V Battery

Floor to Top of Vision Guidance Unit: 90.2" (models 3010 and 3020) | Floor to Top of Operator Interface Unit (Low Clearance Arch): 63" (optional on model 3020, standard on model 3220) 61.5" (standard on model 3030)

## APPLICATIONS

		3030	3220   3020	3010			3030	3220   3020	3010		
WAREHOUSING	INBOUND	Staging to Putaway (floor to rack or conveyor)	x			INBOUND	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		Inbound Staging to Inventory	x			
		Inbound Staging to Warehouse	x					MATERIAL MOVEMENT	Parts (Kitted, Bulk, Small, etc...) to Line	x	x
	MATERIAL MOVEMENT	Pallets from Pick & Drop to Outbound Staging	x	x	x	Sub-Assembly to Assembly Line			x		
		Trash/Dunnage Transport	x	x		Empty Container Management	x		x	x	
	OUTBOUND	OUTBOUND	Pallet Picking (rack or conveyor to floor)	x			Trash/Dunnage Transport		x	x	x
			Layer Picking to Outbound Staging	x			OUTBOUND	Finished Goods to Warehouse	x	x	x
			Order Pallets/Carts to Pack-Out	x	x	x		Finished Goods to Outbound	x	x	x
			Pallets to Wrapper/Wrapper to Outbound Staging	x	x			Finished Goods to Outbound Staging	x		
Warehouse to Outbound Staging			x								

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