5000 SERIES ORDERPICKERS

RAYMOND

RAYMOND

BUILT TO PERFORM. DESIGNED TO WORK TOGETHER.

For 90+ years, The Raymond Corporation has built a reputation based on top-notch quality, reliability and exceptional customer service.

We design and build the best lift trucks in the business. We provide technologies, systems and solutions that bring day-to-day warehouse and distribution operations to a new level of performance. And we support customers with a network of skilled service centers and technicians unmatched in the industry.

From our eco-efficient trucks and telematics to our warehouse optimization and flexible financing, Raymond's big-picture approach and precisely targeted solutions are designed to adapt and grow with your business.

Our innovations in energy savings, space utilization, ergonomics, manufacturing quality and fleet optimization – combined with our best-in-class products and services – work together to increase efficiency and lower costs throughout your material handling operations.

Raymond stands ready to help you run better and manage smarter – end to end.

MOVE MORE PRODUCT—QUICKLY, EFFICIENTLY, COMFORTABLY

With the demands of e-commerce and just-in-time inventories, order picking has become the order of the day in many warehousing applications.

There's an ever-increasing need to move more product, more quickly. And no trucks are handling more loads, more efficiently, in more locations, than the Raymond® 5000 Series orderpicker trucks.

With the broadest range of capabilities available in the market, the 5000 Series can adapt to a variety of warehouse environments, load sizes, and applications. They also allow you to optimize storage capacity by operating in narrow aisles and at high picking levels. An exclusive ACR System™ delivers industry-leading lift, lower, and travel speeds, and easy-to-use ergonomic controls enhance operator comfort for greater productivity.

By combining exceptional versatility, intuitive handling, and easy maintenance, Raymond's 5000 Series orderpickers deliver the lowest cost of ownership in the industry. And with the largest rental fleet available, you can easily scale your operation for seasonal adjustments.

Come see why we're the #1 pick in North America.

+ increased efficiency and reduced downtime
with an informative, easy-to-read operator display

+ faster, smoother operation and superior lift, lower and travel speeds
with Raymond's exclusive ACR System

+ enhanced visibility and productivity
with a clear view mast that provides panoramic views of racks, loads and aisles

+ quick accessibility to cases
with a large pick window created by feather light flip-up sidegates

+ greater customizability and control
with programmable speeds to suit different operators and applications

+ more responsive and intuitive operation
with an ergonomic handle that puts all key controls at your fingertips

+ smoother, more stable and efficient control
with variable lift and lower speeds, ideal for loose stack loads

+ reduced risk of truck, rack and product damage
with automatic drive tire centering at startup

+ reduced operator fatigue and superior comfort
with the lowest possible step height and thick, cushioned floor mat

+ automatic pallet-locking capability
with a self-locking clamp—allows operators to focus on other truck functions

A CONFIGURATION FOR EVERY APPLICATION

	5200	5400	5500	5600	FURNITURE ORDERPICKER
	VALUE-DRIVEN APPLICATIONS	BUSY APPLICATIONS	HIGH THROUGHPUT APPLICATIONS	HIGH PERFORMANCE	PALLETLESS HANDLE BULKY ITEMS/FURNITURE
VOLTAGE	24V	24V	24V	36V	24V or 36V
PLATFORM HEIGHT	245″	371″	394″	394″	366″
MOTOR	DC Drive	AC Drive	AC Drive and Lift	AC Drive and Lift	AC Drive and Lift

STANDARD FEATURES

ACR System	Variable Lift/Lower Control	Simultaneous Travel/Lift	Simultaneous Travel/Wire Actuation	Ergonomic Control Handle	Auto Pallet Clamp

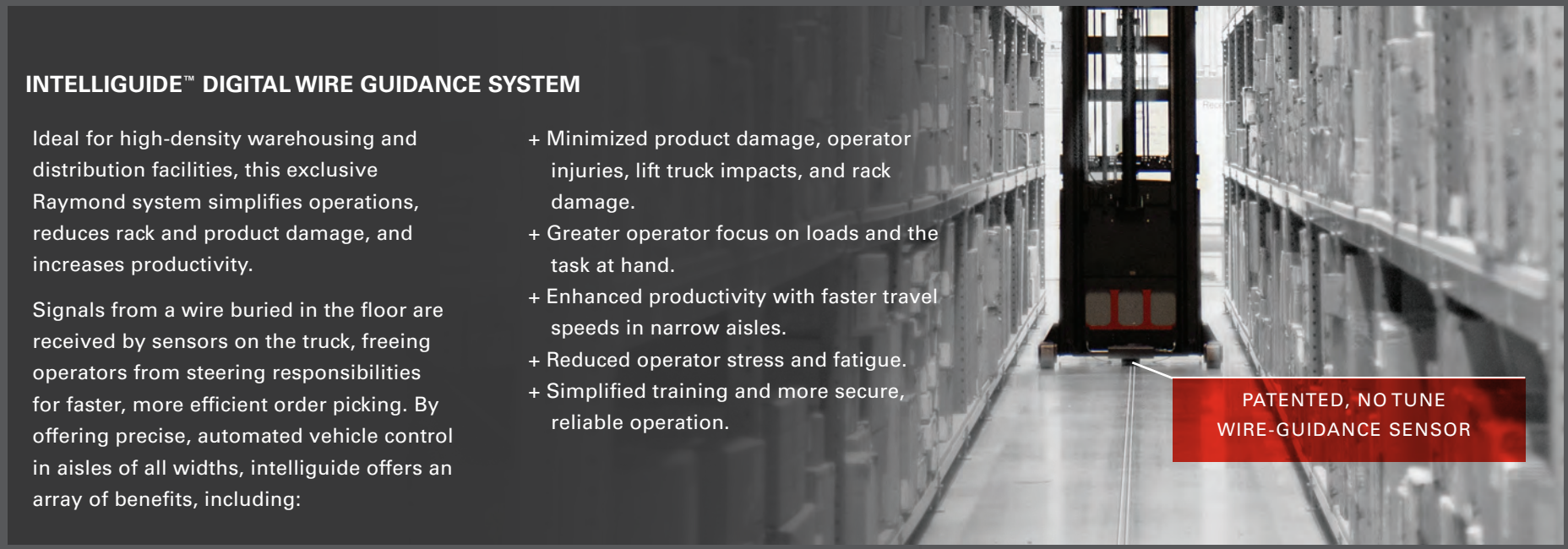
PRODUCTIVITY OPTIONS

INTELLIGUIDE™ DIGITAL WIRE GUIDANCE SYSTEM

Ideal for high-density warehousing and distribution facilities, this exclusive Raymond system simplifies operations, reduces rack and product damage, and increases productivity.

Signals from a wire buried in the floor are received by sensors on the truck, freeing operators from steering responsibilities for faster, more efficient order picking. By offering precise, automated vehicle control in aisles of all widths, intelliguide offers an array of benefits, including:

+ Minimized product damage, operator injuries, lift truck impacts, and rack damage.
+ Greater operator focus on loads and the task at hand.
+ Enhanced productivity with faster travel speeds in narrow aisles.
+ Reduced operator stress and fatigue.
+ Simplified training and more secure, reliable operation.



PERFORMANCE PACKAGE:

Optimize the speed and efficiency of your order picking with enhanced capabilities that include:

+ Increased lift/lower speeds
+ Faster travel speeds at height on the 5200

HI-PRO:

Enhance productivity by selecting the optional features and capabilities best suited to your application:

+ Increased lift/lower speeds
+ Larger battery compartment
+ Tandem load wheels

ADVANCED INTELLISPEED™:

Increase productivity by up to 30% with a unique package offering:

+ Increased travel speed at height
+ Integrated weight and height display

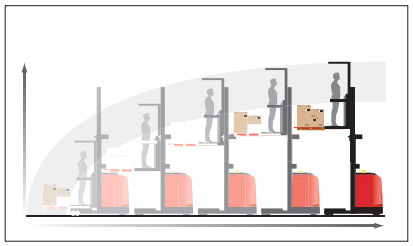
ERGONOMIC DESIGN. ECONOMIC BENEFITS

Comfortable, confident operators get more done in less time. And in the warehouse environment—perhaps more than anywhere—productivity equals profitability.

When operators can account for 72% of your cost of ownership for an orderpicker, you need to be sure they're getting the most out of their truck, and the most out of every minute of operation. At Raymond, we understand that we're not just engineering vehicles; we're building workstations. Comfort and simplicity are key. And the 5000 Series gives you both with ergonomically designed features and intuitive controls.

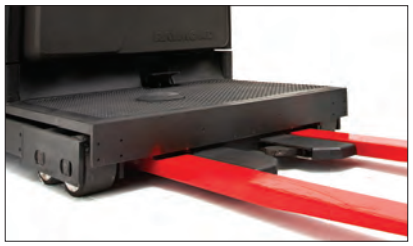
ENHANCED VISIBILITY FOR GREATER PRODUCTIVITY

Clear view mast with a wire mesh guard provides better airflow and panoramic views of racks, loads and aisles for more confident, efficient operation.



ENHANCED RIDE QUALITY

Patented suspension system and smooth hydraulic mast staging isolate the operator from vibrations for greater comfort.



EFFORTLESS, COMFORTABLE OPERATION

Unique low effort deadman brake pedal fits comfortably underfoot for easy operation. Lowest possible step height and a cushioned floor mat reduce fatigue and enhance operator comfort during long shifts.

CONVENIENT, AT-A-GLANCE DASHBOARD

Easy-to-read display puts useful truck-related information at an operator's fingertips for instant status updates, and a spacious storage compartment puts tools and other materials within easy reach.

INTUITIVE, COMFORTABLE CONTROLS

Unique, contoured handle uses intuitive, natural hand motions to control key vehicle functions—simultaneously. Sculpted and angled to fit an operator's hand, the ergonomically designed handle provides greater comfort, control, and convenience by offering:

- Simultaneous control of travel speed and lift/lower.
- Variable lift/lower control for precise platform work.
- Simultaneous wire on/off switch for easy and frequent activation.

CONSISTENT DESIGN ACROSS DIFFERENT RAYMOND MODELS FOR FASTER, EASIER CROSS TRAINING OF OPERATORS.

TAKE PRODUCTIVITY TO NEW HEIGHTS

From travel time to lift speed to operator interactions, every second counts in order picking. For optimum performance and productivity, trucks need to get the most out of their operators, and operators need to get the most out of their trucks.

That's why Raymond has engineered the 5000 Series to help operators pick faster, automating functions that may slow them down (like pallet locking), and minimizing the number of steps per pick.

Couple those benefits with the shortest, most efficient travel times between picks, and the result is a series of orderpickers that offers faster pick times, the industry's lowest cost-per-pick, and lowest overall cost of ownership.

LESS TIME PER PICK

Flip-up sidegates*—that based on customer preference, don't interlock or have to be engaged for travel—save valuable time on each pick. Optional fixed sidegates are also available.

**Optional on the 5200 model.*

SUPERIOR LOAD HANDLING STABILITY

Auto-locking pallet clamp designed to work on a wide range of pallets that instantly stabilizes load and greatly improves load handling speed.

GREATER ACCESSIBILITY AND PRODUCTIVITY

Narrow design allows two-way traffic in most aisles for optimum mobility and picking efficiency.

MINIMIZED TIME BETWEEN PICKS

The optional intellispeed system automatically optimizes travel speed at different heights, delivering up to 30% faster travel times between picks when included so you can move more orders per shift.

MORE PICKS PER HOUR

Capable of higher lift heights, heavier loads and duty cycles, and operation over multiple shifts, 36-volt trucks allow you to boost your power and performance to suit different applications and meet peak-period demands.

REDUCED PRODUCT DAMAGE

Variable lift/lower speeds allow precise feathering of the platform so operators can get closer to the pick for greater accuracy and control.

MORE SPEED, LESS DOWNTIME

Exclusive ACR System provides quicker acceleration and electronic braking, faster lift and lower speeds, and smoother direction changes for more efficient load handling and movement in storage aisles.

It also delivers longer battery life for fewer changes, so you can move more pallets per battery charge.

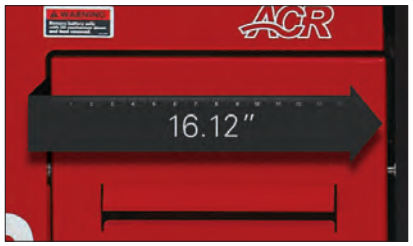
TAILORED TO THE NEEDS OF OPERATORS, AND OPERATIONS

We understand that vehicle adaptability is about more than just meeting the needs of different applications. It's about adjusting to different operator skill levels so you can easily add staff to meet seasonal demands. It's about offering a range of options so you can tailor vehicles to your needs. It's about working in virtually any warehouse environment, in any temperature. And it's about finding new ways to do things more quickly and efficiently.

Talk to us about customizing the perfect solution for you.

EFFICIENCY IN NARROWER AISLES

Raymond's exclusive intelliguide wire guidance system frees operators from steering responsibilities in very narrow aisles. Quick wire engagement supports fast and secure aisle changes and eliminates product and rack damage.



COST-EFFICIENT BATTERY COMMONALITY

Optional 16.12", 18.12" and 21.12" battery compartment allows for standardization across various models (Reach-Fork®, stand-up counterbalanced) to reduce battery inventories and charging areas.

GREATER PALLET-HANDLING FLEXIBILITY

Additional auto-locking pallet clamp options work on a wide range of pallets and accommodate pallet stringers ranging from 1.25" to 5" so operators can handle virtually any pallet in your building.

PROGRAMMED FOR PERFORMANCE

Everything from travel speed to acceleration and deceleration rates—forward, reverse, lift and lower—can be custom-configured to suit different operators and applications for optimum operation.

iWAREHOUSE®
FLEET MANAGEMENT AND WAREHOUSE OPTIMIZATION SYSTEM

The most comprehensive and scalable telematics platform in the industry, iWAREHOUSE Evolution™ offers the most complete and customizable solution for fleet and warehouse optimization.

From forklift battery monitoring and maintenance management, to vehicle and operator utilization, electronic checklists and impact management to a full suite of professional services, iWAREHOUSE Evolution gives you all the tools and insights you need to run more efficiently, reliably, and profitably.

ADDITIONAL OPTIONS:

+ End-of-Aisle Slowdown
+ Rail Guidance
+ Cold Storage Conditioning
+ Platform Extensions (from 44" to 67")
+ Retractable Tethers
+ LED Light and Fan Package

For additional information and available options, consult the Features Brochure for Raymond Trucks and Tow Tractors.

EASY UPKEEP. GREATER UPTIME

Keeping your orderpickers up and running is vital in any warehousing operation. That's why the 5000 Series has been engineered to minimize maintenance requirements and to simplify all aspects of care and repair.

Raymond's ACR System contains fewer components than other models, reducing service requirements and parts costs.

Our trucks run cooler so unscheduled downtime is reduced and component life is increased. Which all results in superior uptime, better productivity, and lower operating costs.

QUALITY AND RELIABILITY FROM DAY ONE

Raymond 5000 Series orderpickers are designed and engineered using the principles and practices of the Toyota Production System (TPS) to ensure the highest quality standards through continuous improvement and lowest cost of ownership.

HALF THE SCHEDULED MAINTENANCE OF OTHER TRUCKS

Raymond orderpickers can go up to twice as long between scheduled maintenance as competitor trucks for higher utilization rates and lower cost of ownership.

RAYMOND:
500 HOURS

COMPETITORS:
250 HOURS

LONGER TRUCK LIFE

Automatic hydraulic staging of the mast cushions operation and reduces wear and tear for minimized maintenance. Regenerative braking and proportional plugging offer more responsive deceleration and vehicle control, extending the life of brushes and drive motors for reduced downtime.

SIMPLIFIED TROUBLESHOOTING AND PREVENTIVE MAINTENANCE

Comprehensive self-diagnostics alert operators to service issues with audible and visual signals.

LOWER COST OF OWNERSHIP

With Raymond's exclusive ACR System—our advanced AC motor technology—5000 Series orderpickers require less maintenance and offer longer battery shift life for superior uptime.

EASY ACCESS TO CRITICAL COMPONENTS

Impact-resistant cover can be easily removed from the back of the truck—without tools—for instant access to components, even in narrow aisles.

GREATER CONTROL FEWER IMPACTS

Automatic drive tire centering at startup reduces potential damage to truck, products and racks.

FASTER DRIVE TIRE CHANGES

Greater simplicity and accessibility allow change outs to be made 75% faster than on competing trucks.

RED TRUCK, GREEN HISTORY

From fuel and electricity costs to sustainability initiatives and public image, businesses have different reasons for managing their energy consumption. And in the material handling industry, lift trucks—with their sheer numbers and substantial energy consumption—provide significant opportunities to make a difference on all fronts.

Raymond has proudly been at the forefront of energy-efficient lift truck design for decades. Not only were we the first company in North America to introduce clean, efficient AC motor technology to our lift trucks, we were also the first to incorporate it into both Reach-Fork® trucks and orderpickers.

We offered 36V orderpickers years before any other manufacturer, and we continue to lead the way with cleaner, greener solutions to meet the needs of an ever more energy-efficient global supply chain.

Come see how environmentally responsible business is not just the right thing to do; it's the smart thing to do.

PRODUCT ACHIEVEMENTS

ENERGY ADVANCEMENTS

We are committed to continuous improvement in sustainability performance with innovations that include regenerative braking, in a concept similar to the energy-saving technology used on hybrid automobiles. Regenerative braking can extend run time per battery charge.

HIGHER PERFORMANCE, LOWER ENERGY

Exclusive ACR System incorporates all the benefits of AC motor technology, reducing costs while enhancing truck performance. Battery charging—and changing—is required less often, with fewer batteries used over the life of the truck for cleaner, greener operation.

DESIGN EFFICIENCIES

Smaller batteries—made possible by the truck's high efficiency—save on recharging power without compromising shift life. With a variety of configurations and battery compartments available, you can select the commonality that matches your fleet—saving space and minimizing charging costs.

INTELLIGENT ENGINEERING

Raymond sources best-in-class components and fine-tunes motors and controllers to achieve peak efficiencies. Our trucks are built with strong, light composites when possible, reducing energy demand by eliminating unnecessary weight.

EXCLUSIVE CONFIGURATIONS

An industry first, the 5500 is the only 24-volt model on the market with both AC drive and AC lift motor for unsurpassed operational efficiencies.

PICK LOCALLY, THINK GLOBALLY

Intelligently designed and precisely engineered with best-in-class materials, Raymond's 5000 Series orderpickers deliver better acceleration, faster speeds, and less downtime than other trucks so you can do more work with every battery charge. That means fewer stops, less recharging and lower energy consumption. We call it Eco-Performance. And it offers a world of benefits, both economical and ecological.

+ warranty coverage

Raymond Asset Protection™ is Raymond's industry-leading warranty that begins with a Standard Warranty – coverage that starts the moment the new truck arrives at your facility. Additional coverage options are available; select the option that fits your fleet so you can maximize performance while locking in affordable, predictable service costs.*

**For complete details, refer to the Raymond Standard Warranty.*

+ expert technicians

For those customers who have lift truck technicians on-site, Raymond offers Customer Technician Courses. Training is available at Raymond headquarters, at your facility or your local Raymond authorized Sales and Service Center.

+ financing

For an outstanding and flexible Raymond equipment solution, your Raymond Sales and Service Center and Raymond Leasing Corporation deliver what your business needs – the equipment you need to grow, at fixed costs. Raymond offers low ownership interest rates and variety of affordable and flexible lease options.

+ iTRACK®

The iTRACK Asset and Cost Management System helps to reduce your overall cost of ownership. It provides accurate, actionable maintenance data and reports—from individual assets, to a fleet at a single location, or across your entire enterprise. iTRACK is your anytime, anywhere web-based asset management system.

+ iWAREHOUSE®

iWAREHOUSE delivers the industry's most comprehensive and scalable fleet telematics solution. From battery monitoring and impact management to vehicle and operator utilization, electronic checklists, labor management and professional services – iWAREHOUSE gives you all the tools and insights you need to run more efficiently, reliably and profitably.

+ maintenance

Designed to fit your budget, Raymond offers three plans specific to your needs which you can tailor for individual trucks or entire fleets: contract maintenance, comprehensive fixed-price maintenance and scheduled maintenance audit.

+ parts

Raymond Parts™ is the industry's most comprehensive one-stop shop for world-class lift truck parts. Raymond is committed to meet all your parts and supply needs, regardless of the make or model of the truck. We sell only the highest quality parts that meet or exceed OEM quality standards.

+ pre-owned lift trucks

Raymond RENEWED™ offers certified, pre-owned electric lift trucks that have undergone a rigorous quality inspection and reconditioned with genuine OEM parts from top to bottom. Every truck is delivered with full warranty coverage.

+ rentals

A Raymond rental is the smart and economical solution to meet your interim material handling needs – whether you are looking for seasonal rentals, unplanned peaks in activity, replacing trucks for scheduled repairs or waiting for delivery of new equipment. Or, if you just want to establish the value of the equipment before purchasing or leasing.

+ training

Studies have shown that effective operator training can help improve how your operation runs. Designed to help you protect your people, equipment and materials, Safety on the Move® can assist in satisfying the OSHA mandate to train your operators.

FROM FLEET TO FINANCE, WE'VE GOT YOU COVERED

In warehouse management, the bottom line is the bottom line. And because efficiency works best when it works end to end, everything Raymond offers is built to work together.

+ Trucks and Training

+ Fleet Maintenance and Parts

+ Warehouse Optimization System

+ Certified, Pre-owned Lift Trucks and Rentals

+ Industry Leading Warranties

+ Flexible Financing Solutions

From initial consultation to custom-designed solutions to long-term product and operational support – and with a network of more than 100 Sales and Service Centers – Raymond provides unmatched, world-class support tailored to meet your needs, help you drive down costs and run your business better and smarter.

RUN BETTER.
MANAGE SMARTER.®

At Raymond, our aim is to deliver the utmost quality and to work for continuous improvement every day, in every aspect of our business. We are proud of what we build. We are proud of the level of service we provide to keep our customers' business up and running. We take pride in our commitment to our customers through our end-to-end approach in helping them find smarter, more efficient, and more effective solutions.

We value the trust that Raymond has earned through decades of proven performance and hands-on innovation. Since the patenting of the first hand-pallet truck to the invention of the reach truck to our pioneering work in narrow aisle operations and beyond, Raymond has led the way in providing customers with the tools and expertise to improve their business.

IF YOU'RE LOOKING FOR A PARTNER WITH THE TOOLS AND EXPERIENCE TO HELP YOU RUN BETTER AND MANAGE SMARTER, LET'S TALK.

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Due to continuous product improvements, specifications are subject to change without notice. Some systems and features shown are optional at extra cost. ACR System, intelliguide, intellispeed, Reach-Fork, Raymond, Safety On The Move, Raymond Asset Protection, Raymond Parts, iTRACK and iWAREHOUSE are U.S. trademarks of The Raymond Corporation.

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