



5000 Series Orderpickers

Putting  
productivity first.



**RAYMOND**  
*Above. And beyond.®*

[www.raymondcorp.com](http://www.raymondcorp.com)

# Move more product faster with the 5000 Series orderpickers.

Now Raymond brings you the 5000 Series – a whole new lineup of orderpickers specially designed to boost your productivity.

These new trucks feature our exclusive *ACR System™*. You'll get faster, smoother operation. Increased travel and lift speeds. And easier load handling. So you can move more product per shift.

Specially designed ergonomic controls increase efficiency. And a variety of other features improve your operators' comfort and security, including excellent



visibility, our exclusive wire guidance system, and programmable speeds to suit different operators and applications.

Best of all, these new 5000 Series orderpickers deliver all this performance at the lowest cost of ownership.

Our AC trucks deliver more uptime, with fewer battery changes and lower maintenance costs. Easy access for maintenance lets these trucks get back to work faster.

**RAYMOND**  
Above. And beyond.®





**Comfort and control**

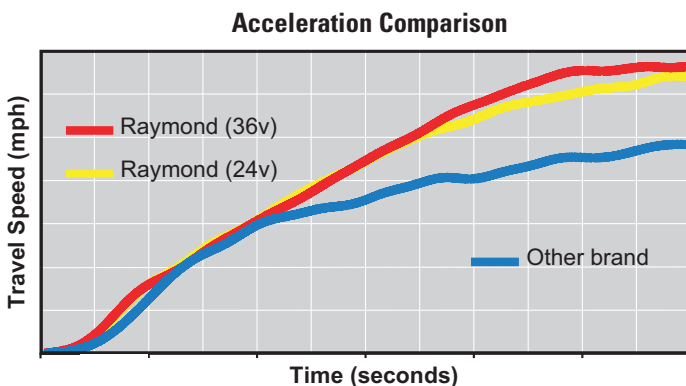
The 5000 Series orderpicker has an ergonomic control handle, easy-to-read display, power steering, and a roomy, 28<sup>1</sup>/<sub>4</sub>" x 39" compartment for increased operator comfort and control.

# Get the ultimate in order picking productivity.

Speed and efficiency are the keys to order picking productivity. And the new 5000 Series gives you the best of both.

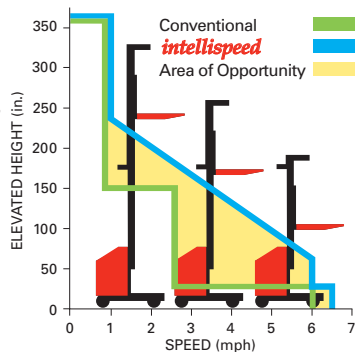
## AC power means better performance.

Our *ACR System*-equipped trucks use efficient AC power to give you faster travel and lift speeds. You get quicker acceleration. Better control of load handling. And with variable lift speeds, operators can get to the pick smoothly and efficiently, without the jerky motion they experience on other brands. Precise feathering of the platform takes the operator closer to the pick, and with Raymond's 36-volt AC lift, you'll get 26% faster lift speeds than with other brands.



## Optimal speed control.

The 5000 Series orderpicker is available with Raymond's advanced *intellispeed*™ system, which smoothly coordinates travel speeds and load height.



Compared to conventional speed control, *intellispeed* maximizes truck speed as the platform rises, capitalizing on an area of opportunity for providing faster travel between picks.

## Easier operation.

Intuitive, ergonomic controls make operation easy.

Our contoured handle naturally fits the hand, and provides a sure grip during travel. The

operator just pushes the

handle forward to move the

truck ahead, and pulls back to

reverse. Move the thumb switch up to lift the load, and down to lower it.



## Secure the pallet automatically.

To improve productivity even more, we offer our special auto-locking pallet clamp. It's

designed to work on a wide

range of pallets, and

accommodates pallet

stringers ranging from

1 $\frac{1}{4}$  to 5 inches. So your

operators can handle

virtually any pallet in

the building.



## No steering in very narrow aisles.

For the ultimate in efficiency, Raymond's *intelliguide*™

wire guidance system frees operators from steering

responsibilities in very narrow aisles. The system quickly

and reliably engages guide signals. And its patented

no-tune design provides excellent tracking and stability.







# Give operators more confidence.

## Increased comfort and security.

Comfortable, confident operators are more productive. That's why Raymond engineered the 5000 Series to make operators feel more secure and capable. From top to bottom, these trucks are designed with comfort and efficiency in mind.



**Large pick window**  
Easily raised, flip-up sidegates create a generous case-picking window.

## Fully programmable.

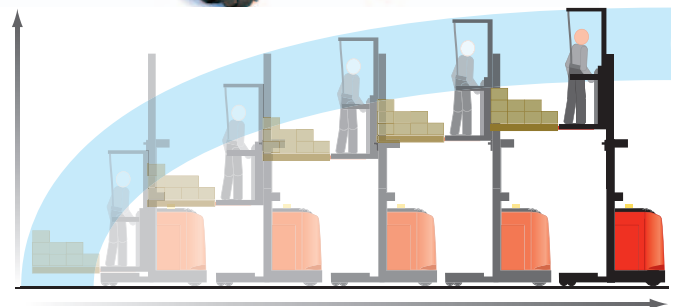
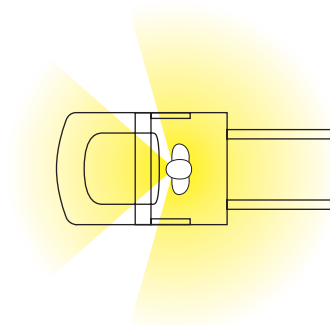
To accommodate operator skill levels and other variables, you can custom-configure travel speed, and acceleration and deceleration rates for forward, reverse, lift and lower.



**Enhanced ride quality**  
Patented suspension and smooth mast staging isolate vibrations from the operator.

## Better visibility

The wraparound operator envelope offers a panoramic view of racks, loads, and aisles.



## Smooth, precise operation

Raymond's infinitely variable lift and lower control provides smooth, precise up-and-down motion for the platform. Non-Raymond trucks are preset with only one or two lift and lower speeds, resulting in jerky movements that affect the load and the operator.

**Operators get excellent visibility** with panoramic views of racks, loads and aisles.

**Protective mast guard** made of durable wire mesh provides clear view, and allows better airflow to help the operator stay cool.

**Ergonomic hand rest** provides comfort and stability.

**Auto-steer centering** reduces the risk of damage to the truck and racks by centering the drive tire at startup.

**Low step height** reduces fatigue for operators, who are continually getting on and off the truck.

**Thick, ergonomic floor pad and low effort deadman brake** provide comfort during long shifts.

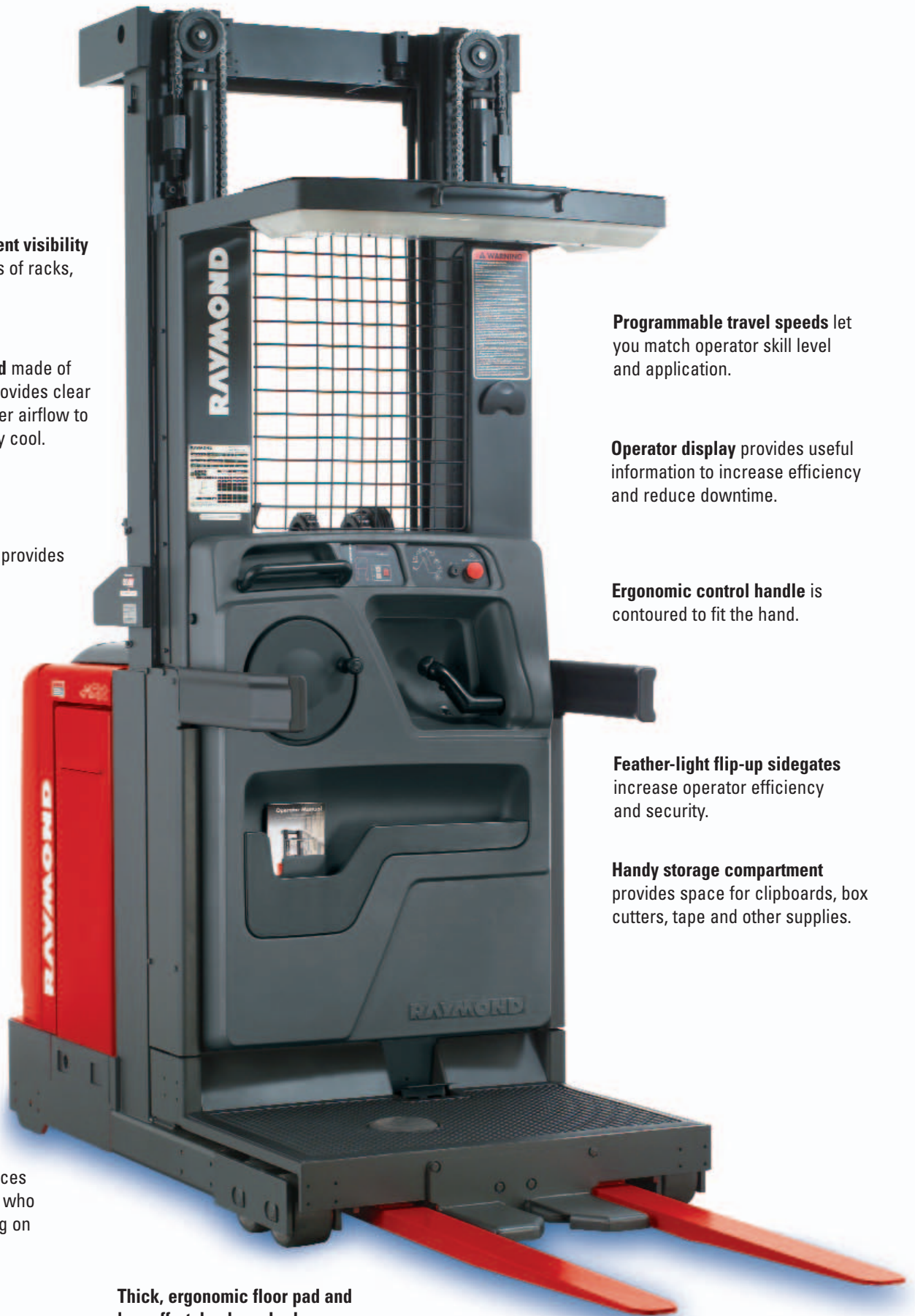
**Programmable travel speeds** let you match operator skill level and application.

**Operator display** provides useful information to increase efficiency and reduce downtime.

**Ergonomic control handle** is contoured to fit the hand.

**Feather-light flip-up sidegates** increase operator efficiency and security.

**Handy storage compartment** provides space for clipboards, box cutters, tape and other supplies.



# Lower your operating costs.

Get special advantages with our **ACR System** models.

Trucks equipped with the *ACR System* have lower maintenance and parts costs, fewer service requirements, increased battery performance, and superior truck utilization rates compared to DC-powered lift trucks. That means a better bottom line for you.

**AC motors have no wearable parts.** Unlike DC motors, AC motors have no brushes, spring sets or commutators. So maintenance and repair are easier, faster and more economical.

## Annual Maintenance Comparison

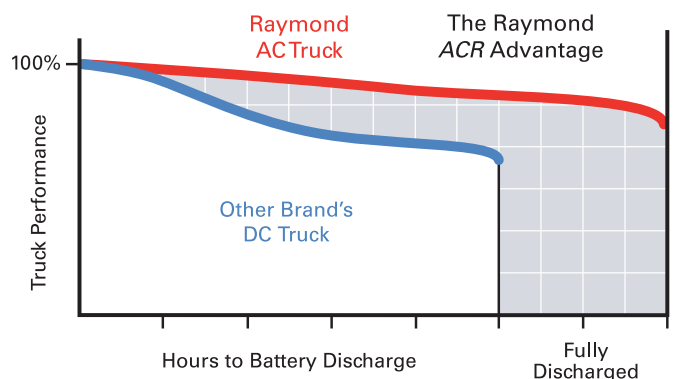
DC Motors	AC Motors
<b>Parts</b> <ul style="list-style-type: none"> <li>• Brush Sets</li> <li>• Spring Sets</li> <li>• Commutators</li> </ul>	<b>Parts</b> <ul style="list-style-type: none"> <li>• <b>No</b> Brush Sets</li> <li>• <b>No</b> Spring Sets</li> <li>• <b>No</b> Commutators</li> </ul>
<b>Labor</b> <ul style="list-style-type: none"> <li>• Monthly Cleaning</li> <li>• Removing Carbon Dust</li> <li>• Monthly Brush Inspections</li> <li>• Replacing Brushes &amp; Springs</li> <li>• Servicing Commutators</li> </ul>	<b>Labor</b> <ul style="list-style-type: none"> <li>• <b>No</b> Monthly Cleaning</li> <li>• <b>No</b> Carbon Dust</li> <li>• <b>No</b> Brushes</li> <li>• <b>No</b> Brushes &amp; Springs</li> <li>• <b>No</b> Commutators</li> </ul>

**AC motors run cooler.** In a DC motor, brushes and commutators cause heat that decreases the life of some parts such as wires, brakes and bearings. AC truck owners experience fewer heat-related parts failures, so there is less maintenance, and parts costs are lower.



AC motors have at least 10% higher operating efficiency than DC motors. Our AC trucks use fewer amps per cycle, so you'll save on batteries, chargers and downtime. And superior energy efficiency means batteries last longer.

## Performance as Battery Discharges





### Lower maintenance costs.

Integrated component safeguards and comprehensive self-diagnostics keep the 5000 Series orderpickers working reliably and help contain maintenance costs.

**Component and system diagnostics** feature audible and visual signals that alert operators instantly when service issues arise, and provide detailed information to simplify troubleshooting and service.

**Multi-step thermal limiting** promotes cooler running, and saves wear and tear on the drive motor.

**Maintenance Minder™** tools tell operators when it's time for scheduled maintenance.

**On-board Active Maintenance™** lets technicians perform tests while the truck is operating and view results on the digital display.

**Auto Power Off™** shuts down an unattended truck, saving energy and increasing safety. Time-out period is programmable.



### Easier maintenance.

The 5000 Series orderpickers are designed for faster, more efficient service, with an impact-resistant cover that allows easy access to the drive tire and other components. Three built-in hour meters – key hours, deadman hours, lifting hours – and an odometer help you to schedule maintenance tasks based on usage, for more uptime and lower costs of operation.

Built-in diagnostics make troubleshooting easy. All *Raymond®* 5000 Series trucks include on-board, self-checking capabilities for regulating motor performance. This ongoing monitoring minimizes downtime by making it simple to troubleshoot problems and improve the truck's reliability.

### Predictable operating costs.

Guaranteed with Raymond's Comprehensive Fixed Price Maintenance program. Ask your *Raymond* Dealer for details.



# See the new 5000 Series for yourself.

## Rely on Raymond performance and expertise.

With *Raymond* trucks, you can count on years of dependable service.



Smooth performance. Easy maintenance. Maximum uptime. And the best overall value.

Best of all, you can always rely on your *Raymond* Dealer for unmatched expertise and support. Including a full range of parts; operator and maintenance training; rentals, leasing and financing; plus complete fleet management services. Contact your Dealer today.

To locate your nearest *Raymond* Dealer, visit [www.raymondcorp.com](http://www.raymondcorp.com) or call 1-800-235-7200.

## Choose the 5000 Series orderpicker that's right for you.



**Model 5200**

- Value-driven applications
- DC drive
- Heights to 241"
- 24V system



**Model 5400**

- Busy applications
- AC drive
- Heights to 366"
- 24V system



**Model 5500**

- High throughput applications
- AC drive and lift
- Heights to 366"
- 24V system



**Model 5600**

- High performance applications
- 36V system
- AC drive and lift
- Heights to 366"









**RAYMOND**  
*Above. And beyond.®*

The Raymond Corporation  
P.O. Box 130  
Greene, New York 13778-0130  
Toll free 1 (800) 235-7200  
Fax 1 (607) 656-9005

[www.raymondcorp.com](http://www.raymondcorp.com)



Due to continuous product improvement, specifications are subject to change without notice.  
*Raymond, Above. And beyond., ACR System, Active Maintenance, Auto Power Off, intelliguide, intellspeed and Maintenance Minder* are U.S. trademarks of The Raymond Corporation.  
©2006 The Raymond Corporation. Greene, N.Y. Printed in USA.  
SIPB-0107 406CT-30

