



Raymond[®] Models 4100
and 4200 Lift Trucks

Trucks that **work** with
you, **dock** to **stock**.



RAYMOND
Above. And beyond.[®]

www.raymondcorp.com

Fits your operation and your operator.

High-performance system truck: the Model 4200.

You've been asking for a truck that takes you "dock to stock" and back again. A truck that functions together with the operator to create a cohesive, productive unit.

Raymond delivers with the Model 4200.

Designed for warehouse systems and other high-productivity applications, the Model 4200 is a powerhouse of versatility, with load capacities from 3,000 lbs. up to 5,000 lbs. Its attachment-friendly design lets you shift from pallets to slipsheets, cartons or drums quickly and easily.

Our exclusive *ACR System™* gives you both AC drive and lift to help you increase productivity, with faster, smoother operation, more torque, better acceleration and less downtime. And our superior multifunction control handle with its intuitive, featherable controls — an industry

first available only on the *Raymond* Model 4200 — allow the operator to fine-tune the movement of the forks and attachments by varying pressure on the controls. Your operators will appreciate how the Model 4200 performs in a wide variety of applications.

High-performance dock truck: the Model 4100.

If you have a dock application that calls for a reliable, cost-effective workhorse, the Model 4100 is the smart choice. It's easy to operate and maneuver, and features a load capacity of 3,000 or 3,500 lbs.

Raymond's AC drive provides power, torque and stamina to handle rough dock applications, 24/7.

So whether you're looking for a tough dock truck or a system solution, Raymond has the stand-up counterbalanced truck that fits.



RAYMOND
Above. And beyond.®



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Small rectangular label on the red seat with illegible text.

More uptime, lower costs and optimal performance.

Proven reliability that improves your bottom line.

Both Models 4100 and 4200 feature our exclusive *ACR System*, with two powerful AC drive motors to deliver more uptime, more performance per battery charge and lower maintenance costs compared with DC-powered trucks. You'll get faster, smoother operation and, with the Model 4200, the best lift-lower speeds in the industry. You'll get quicker response and consistent, more efficient load handling throughout the entire shift.

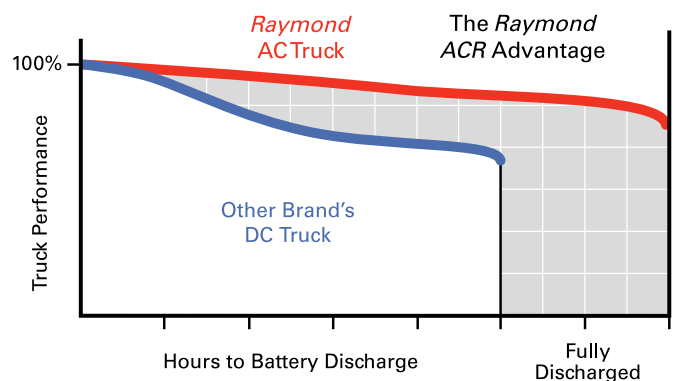
Unlike DC motors, AC motors have no brushes, spring sets or commutators. Fewer wearable parts means you'll save on parts and labor. Your trucks will spend more time working and less time in the maintenance shop.



Annual Maintenance Comparison

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

Performance as Battery Discharges



The exclusive *ACR System* uses less energy per cycle, giving you more runtime per battery charge.



Quick, clean attachment changes.

Our available, quick disconnect couplings for attachments make it easier to change from forks to a drum clamp, a carton clamp to a slipsheet attachment and many other attachment combinations in less time. The anti-drip, no-leak valves eliminate messy hydraulic fluid spills when you're switching attachments.



The fully programmable control system lets you accommodate the operator's experience and other variables in your operation. You can custom-configure travel speed, and acceleration and deceleration rates for forward, reverse, lift and lower.

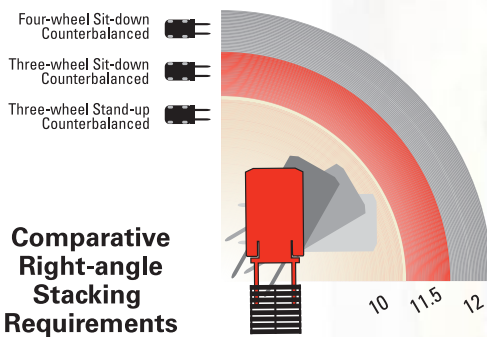
When your operators are traveling between the dock and the racks, our stand-up counterbalanced trucks offer larger-diameter cushion-drive tires to smooth the ride over ramps and rough floors.



Tighter turns, greater control.

Our three-wheel, stand-up design delivers a reduced turning radius for greater maneuverability and easier handling in tight spaces.

Compared with other three- and four-wheel counterbalanced trucks, our proven three-wheel design performs right-angle stacking maneuvers in less total area. You can create narrower aisles while increasing your storage space by as much as 10%. A shorter head length further enhances maneuverability in confined spaces.



Helping operators do more.

Take control.

Our single-axis, multifunction control handle provides a stable, solid grip point. It is designed to comfortably fit the hand, and to place the operator's hand and arm in a natural and neutral position. This helps reduce stress and enhance comfort through the entire shift. The truck responds to the operator's intuitions about driving. Push the handle forward to move forward, pull back to reverse. This ease of use contributes to operator productivity and can reduce the amount of time it takes to train new operators.

Raymond's available, exclusive, four-way switch sideshifts the forks and tilts the mast.



Unlike digital on/off controls, the virtually infinite variability of the switch, along with the featherable attachment control buttons, lets the operator fine-tune the movement of all hydraulic functions based on the amount of pressure placed on the controls. This results in smooth load handling and precise control of attachments.

Exceptional comfort.

We've designed the compartment to fit operators so well that they will be more productive and comfortable throughout their entire shift.

A wide roomy operator compartment entrance, coupled with a low, 8-inch step height makes getting on and off the truck feel easy and natural.



Our compartment is spacious with a slanted floor that naturally positions the operator in a comfortable, stable, three-point stance leaning against the padded backrest.

A clearer view.

Raymond's newly designed open view mast gives operators a clearer line of sight to the load, for more efficient handling and stacking, and less product damage. You can choose from a wide selection of masts to meet your individual needs, from low collapsed heights to a wide range of quad masts for high rack interface.



Mast

Wide selection of masts to meet your operation's needs.

Single-axis, Multifunction Control Handle

Natural and neutral design. Featherable hydraulic control available.

Comfortable Compartment

Wide entry area, angled and padded floor, and spacious standing area help enhance productivity.

Low 8" Step Height

Makes getting on and off the truck easy and natural.

Angled Crossties

Provide greater visibility through the overhead guard.

Open View Mast Design

Improves visibility of the forks at floor level and of the load at height.

Integral Sideshift

Reduces head length for tighter turns. Standard on the Model 4200.

Quick Disconnect Couplings

Make it easier to change from forks to attachments.

Two Powerful AC Drive Motors

Deliver more uptime, more performance per battery charge, and lower maintenance costs.

Motor Compartment

Clean, simple design makes service easier. Vertical orientation makes the motors more accessible for maintenance.



Choose the model that's right for you.



Model 4100

- Dual AC Drive Motors
- AC Drive/DC Lift
- Single-axis, Multifunction Control Handle
- Standard Hang On Sideshift
- 3,000-and 3,500-lb. Capacities



Model 4200

- Dual AC Drive Motors
- AC Drive/AC Lift
- Single-axis, Multifunction Control Handle
- Available Featherable Control Handle for Hydraulic Functions
- Standard Integral Sideshift
- 3,000-3,500-4,000-and 5,000-lb. Capacities

Ask your Raymond Dealer for more details on the Model 4100 and Model 4200 stand-up counterbalanced lift trucks. You'll get more comfort, confidence and productivity for your operators, while minimizing your overall costs.

The Raymond Dealer Network focuses on selling and

servicing electric warehouse trucks. More than 1,700 trained, certified, electric truck technicians are ready to serve you in North America. So you can count on your Raymond Dealer for fast service and valuable advice.

Contact your Raymond Dealer today. Visit our Web site at www.raymondcorp.com or call 1-800-235-7200.



Due to continuous product improvement, specifications are subject to change without notice. Some systems and features shown are optional at extra cost.

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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