

# 7310 4-D REACH-FORK TRUCK

**RAYMOND**



# 7310 4-D REACH-FORK TRUCK

VERSATILE. PRODUCTIVE.  
SPACE SAVER.

With increasing demands on operations, efficient use of storage space and increased productivity are critical. The Raymond 7310 Reach-Fork® truck is designed with four-directional travel capability — called 4-D® — increasing storage space and aiding operators in handling long, bulky loads with less damage.

The 4-D's articulating load wheels add lateral maneuverability to standard forward and rearward movement – eliminating the need for wide aisles and right-angle turns by allowing operators to travel sideways down narrower aisles with the same wide loads. Aisle widths can be reduced to create up to 40% more storage space.

Designed with our ACR System™, patented open view mast and highly intuitive simultaneous function control handle, operators can place, pick and move big loads more precisely and in less time.

**+ AC traction/AC lift**  
*36-Volt, single drive*

**+ longer battery life**  
*lowers energy costs with the exclusive ACR System*

**+ wrap-around operator compartment**  
*ample area/space for freedom of movement to perform work and provide comfort throughout shift*

**+ solid reach mechanism**  
*torsion tube anti-friction scissors and radial thrust bearings provide support for lateral stresses, improving load handling*

**+ 4-D travel**  
*articulating load wheels add lateral maneuverability to standard forward and rearward movement, eliminating need for right angle turns*



**+ patented, open view mast**  
*allows the operator to see the baselegs, load and rack*

**+ single-axis control handle**  
*provides intuitive and ergonomic control*

**+ operator's display**  
*allows for four-directional selection and provides directional and mode indicator lights for operators; includes weight sensing*

**+ battery compartments**  
*available in 16.12", 18.12" and 21.12" options*

**+ low 9.25" step height**  
*easy entry onto cushioned floor*

## GENERAL SPECIFICATIONS

This truck was designed to handle load widths from 8 feet to 22 feet\* and weighing up to 4,500 lbs.

Power Unit: 36-Volt, Single Drive

Max. Cap. @ 24 in. Load Center: 4,500 lb.

Mast Type: 3-Stage

Maximum Elevated Height: 268 in.

\*Recommended for loads over 10 feet wide.

## OPTIONS

Long or flexible loads that need extra support are easily handled with the auxiliary fork carriage option, adding two additional forks.

- optional auxiliary fork carriages in 8-1/2, 10, 12, and 15-foot widths.

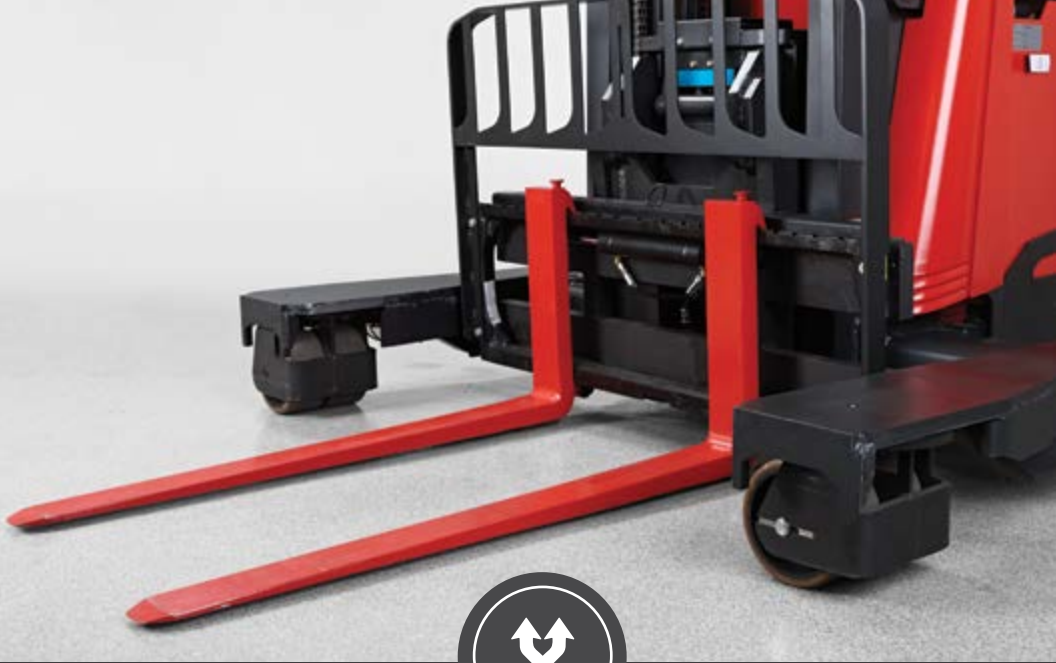
Additional options include, but are not limited to, Sideshift and Height Indicators. Ask your authorized Raymond Sales and Service Center for more details.

## IDEAL APPLICATIONS

The 4-D truck fills the need for a typical reach truck user who has to handle loads wider than the common pallet width.

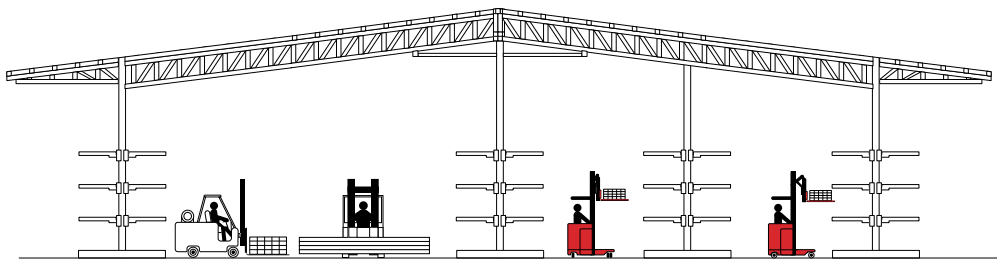
- Wide load handling like lumber, linoleum, carpet, drywall and piping.
- Applications like home service and lumber stores, steel service centers, plumbing supply, textile industries and manufacturing.





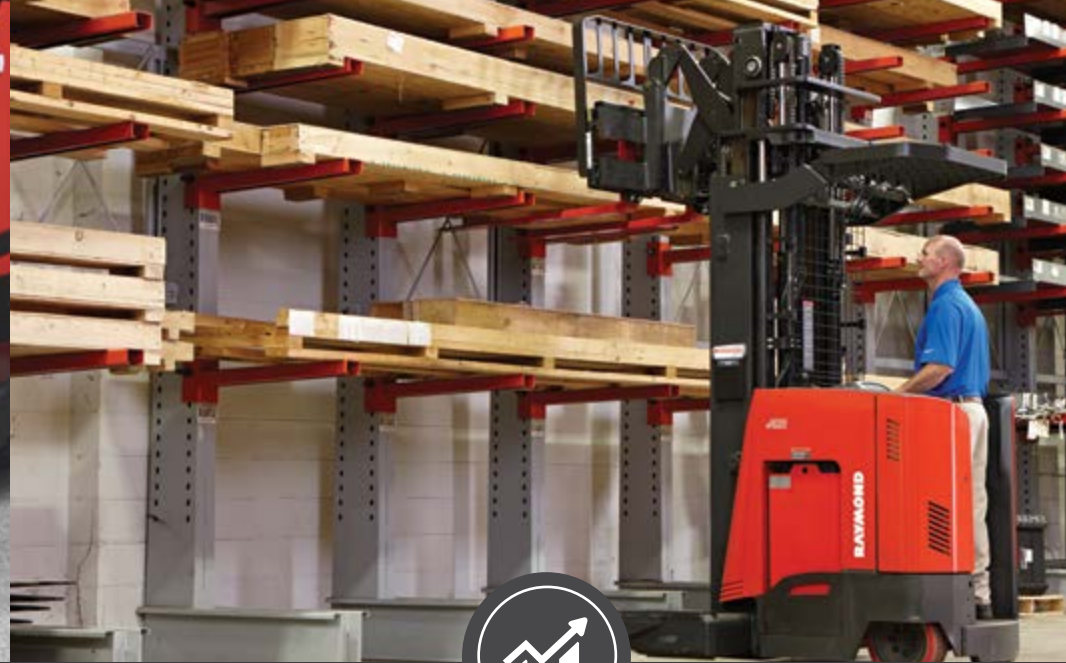
## MANEUVERABILITY AND EFFICIENCY

The precision and ease of operation of the 7310 4-D Reach-Fork truck allows denser storage and reduces damage to your inventory, rack and equipment when you need to handle long, bulky loads.



**Conventional Storage:** Using standard counterbalanced lift trucks, aisles must be wide enough to permit right angle maneuvering with long loads.

**7310 4-D Reach-Fork truck:** Travel sideways down aisles, eliminate right angle turns, and reduce the potential of loads hitting racks, beams and other stock.



## PRODUCTIVITY



### OPERATOR'S DISPLAY

Informs operator of steering orientation and provides quick switching to 4-D mode for a more productive operation.



### PATENTED, OPEN VIEW MAST

Gives operator an unobstructed field of vision that allows them to clearly see the baselegs, load and rack for less product damage.



## ERGONOMICS



## VERSATILITY

### UNIVERSAL STANCE

Provides greater visibility and operator comfort in either direction.



### SINGLE AXIS CONTROL HANDLE

Easy, intuitive and designed for comfort; provides simultaneous control of travel, lift, load handling and horn.

### OPERATOR COMPARTMENT WITH LOW STEP HEIGHT

9.25" step height into a padded, wrap-around operator compartment; provides comfort throughout the shift.

### PROGRAMMABLE PERFORMANCE

Allows you to program the truck's performance to suit individual operator experience and training.



### AUXILIARY FORK CARRIAGE OPTION

Optional auxiliary fork carriage provides extra support for long, flexible loads.

### 4-D CAPABILITY

Four-directional travel capability adds lateral maneuverability to standard forward and rearward movement; eliminates the need for right angle turns for more efficient load storage and retrieval.



## ECO-PERFORMANCE



## MAINTAINABILITY



### ACR SYSTEM

Provides quicker acceleration and electronic braking, faster lift and lower speeds, and smoother direction changes; results in reduced energy and maintenance costs.



### 36-VOLT

36-volt units provide the speeds necessary for high performance operations.

### ON-BOARD ACTIVE MAINTENANCE

Provides on-board diagnostics and self-checking capabilities making it simpler to troubleshoot.

### CONVENIENT SERVICE ACCESS

Easy to remove cover and organized component layout provide convenient service access.

### REGENERATIVE BRAKING

Regenerative braking helps the truck run cooler.

### SOLID REACH MECHANISM

Torsion tube anti-friction scissor designed with radial thrust bearings extend the life of the mast and scissor mechanism.



### + 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 and continues for three years. Additional coverage options are available; select the option that fits your fleet so you can maximize performance while locking in affordable, predictable service costs.*



### + 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.*



### + 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.*



### + 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.*



### + 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.*



### + 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.*



### + iTRACK®

*iTRACK Fleet Asset Management System helps to reduce your overall cost of ownership by providing accurate, actionable fleet maintenance data and reports – from individual trucks to fleets or across your entire enterprise of lift trucks. iTRACK is your anytime, anywhere web-based asset management system that works for you 24/7/365.*



### + 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.*



### + iWAREHOUSE®

*Designed with an intuitive interface and information display, iWAREHOUSE Fleet and Warehouse Optimization System enables you to take 360 degree control of truck and operator efficiencies through a suite of electronic diagnostic tools that puts critical, real-time information about each and every truck you own right on your computer.*



### + 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.*



A Raymond forklift is shown in a dark, industrial warehouse environment. The forklift is red and black, with the Raymond logo visible on the side. The background shows the structural beams and ceiling of the warehouse, creating a sense of depth and scale.

# 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.

PO 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 improvements, specifications are subject to change without notice. Some systems and features shown are optional at extra cost. IWAREHOUSE, Raymond Asset Protection, iTRACK, Raymond Parts, Raymond RENEWED, Safety on the Move, ACR System, Raymond, 4-D and Reach-Fork are U.S. trademarks of The Raymond Corporation.

©2015 The Raymond Corporation  
Printed in USA  
SIPB-1048 0915 JSM-5

**RAYMOND**