



MR Series

3,000-5,500 lb

Moving Mast Reach Truck

DELIVERING CUSTOMER SATISFACTION

Yale's unique relationship with our customers is a product of our customer satisfaction commitment combined with first-class manufacturing. Yale's goal is to anticipate the needs of every customer and address them with lift trucks that deliver the performance, value and dependability our customers demand.





Reach higher.

As your customers demand more from you, you should be able to expect more from your reach trucks. The Yale® MR moving mast reach truck series delivers **more**.

- **More** flexibility with seven models in capacities from 3,000-5,500 lbs. and lift heights up to 551 inches.
- **More** choices with five chassis available to match your application.
- **More** productivity with higher travel, lift and lower speeds.
- **More** comfort with unique ergonomic controls and enhanced visibility.

And with greater efficiency, easier serviceability and lower costs of ownership, you get a reach truck that is **more** than simply fit for use, but fits precisely for your business.

Driving productivity.

To increase the productivity of your business, speed and control is of the essence. The MR series gives you both higher travel speeds for long travel distances throughout your warehouse and lower speeds for precise load handling.

RESPONSIVE PERFORMANCE

To move more loads per hour, fast cycle times are essential. That's why the MR series offers maximum travel speeds up to 8.7 mph, mast speeds to 143 fpm and mast lifting heights up to 551 inches.

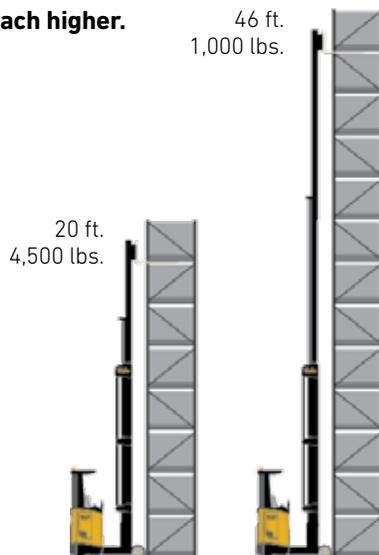
PRECISE PERFORMANCE

But, speed without control is not efficient. From adjustable speed reduction on cornering, auto regenerative braking and creep speed select, to the optional auto fork levelling and laser load positioning systems, the MR series puts your operator in control.

MOVE MORE

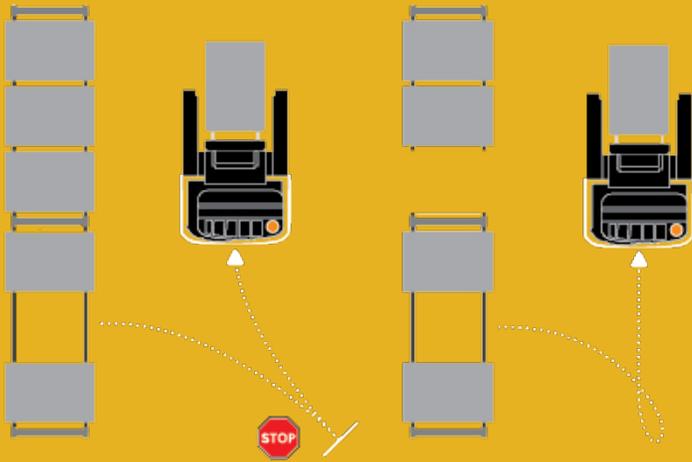
The robust heavy-duty mast design provides high residual capacities and stable load handling enabling faster put away and retrieval times. The 4,500 lb. MR model can lift a full capacity load to 20 ft., and 1,000 lbs. to 46 ft.

Reach higher.



Select 360°

Your operator can choose between 180° and 360° steering at the touch of a button.



180° STEERING

Truck has to come to a stop and direction of travel selected manually by operator.

360° STEERING

Drive wheel rotates 270° when maneuvering within the aisle without stopping.

MORE ENERGY EFFICIENT

The ECO-eLo energy efficiency mode reduces the maximum engine speed and optimizes fuel efficiency and can, dependent on the application, reduce energy consumption by **up to 20%** without having a significant negative effect on overall productivity.



HARDER WORKING

Yale builds reliability and dependability into every MR model, this can provide your business with the opportunity to increase productivity and realize a greater return on your investment.

- Fast travel and mast speed
- Enhanced controllability
- High residual capacities
- Optional 360° steering
- Longer uptime



Optional joystick with integrated controls

ERGONOMIC CONTROLS

Located on the display, push button 360° steering offers greater driving control and more accurate positioning at the rack face. The optional joystick with integrated controls mimics the natural shape of the hand, providing easy access for all lift functions, forward/reverse, and the horn. The standard Accutouch mini-lever module with built-in controls maximizes operator familiarity, while additional function buttons are integrated into the adjustable armrest.

QUICK-CHANGE BATTERY

A larger battery capacity and simpler battery change solutions keep your MR truck working harder for longer. The side extraction system enables rapid battery changeover, maximizing uptime and making battery changeover as easy as possible.



Side extraction battery system

Take control.

The more time your operator spends in the operator compartment, the more productive they will be, which is why we designed the compartment around their needs.

FOCUSED THINKING

For operators, constantly having to adjust their line of sight is time-consuming, which is why the MR series feature high visibility masts.

High visibility mast saves operators from constantly having to adjust their line of sight.



- Designed for the operator
- High visibility
- Easy access
- Spacious operator's compartment
- Adjustable full suspension seat
- Touch screen technology



- 1 OPTIONAL TOUCH SCREEN TECHNOLOGY**, includes PIN access, height pre-select, fleet management information, weight indication, lift interrupt override and creep speed selection, when equipped with applicable options.
- 2 OPTIONAL JOYSTICK** with integrated controls mimics the natural shape of the hand providing easy access to all lift functions.
- 3 CONTOURED ARM REST** provides support for the right arm and integrated raised palm rest.
- 4 WIDER SPACED FLOOR PEDALS** provide increased leg room.
- 5 EXTENSIVE FLOOR SPACE** and pedal clearances for easier on and off access.
- 6 FULL SUSPENSION ADJUSTABLE SEAT** with integral lumbar support reduces whole body vibration.
- 7 STEERING COLUMN** is mounted directly to the chassis with sturdy slider mechanism.
- 8 STEERING WHEEL DESIGN** with soft touch and comfort grip knob provides a comfortable driving posture to alleviate fatigue on the operator's wrist, elbow, and arm.
- 9 HIGH VISIBILITY MAST** saves operators from constantly having to adjust their line of sight.
- 10 INTEGRATED GRAB HANDLE** on left overhead guard post and underneath the arm rest.
- 11 LOWEST AND WIDEST STEP** in the industry for easy access.

COMFORTABLY BETTER

Getting into the operator compartment and retaining comfort throughout the shift is a Yale prerequisite. The truck has a low step height with generous width, integrated grab handles and an adjustable steering column to support easy seat access. A full suspension adjustable seat with integral lumbar support dramatically reduces whole body vibration; while wider spaced floor pedals provide increased leg room and a more comfortable operating position.

INTELLIGENT TECHNOLOGY

Should a problem ever occur, our integrated **dual CANbus** technology identifies both operator error and malfunctions, which sorts out the problem for a fast fix. Our unique **'Get Home'** function can even be activated after all functions come to rest, allowing the operator to drive the truck to an appropriate place of repair.

Full serviceability.



The MR series is designed for fast, simple servicing, reducing downtime and keeping your trucks on the move.

SIMPLE SERVICING

Everything about the MR series is designed to make servicing simple, from the 3-piece build that reduces replacement parts, to the swing-open door and fast-release floor plate which provides easy access to the motors, hydraulics and foot-well components. Maintenance-free, greased for 'life' mast rollers, 100% leak free disconnect hydraulic fittings and side access to load wheels all contribute to making regular maintenance easy, reducing service time.

LONGER SERVICE INTERVALS ON KEY COMPONENTS

Our trucks work harder for longer with recommended 3,000 hour hydraulic oil and filter service intervals and 7,500 hour transmission oil changes.

ADVANCED DIAGNOSTICS.

A single plug-in service point allows technicians to connect their laptop to our advanced truck diagnostics system, giving them instant access to service information. On-board, the unique dual integrated CANbus technology helps with fast identification of faults while the operator's display also provides critical status of components and error codes.

Reliability is built into every Yale® product through the use of quality industrial standard components. The latest generation AC motors, vehicle control manager and state-of-the-art controls contribute to increased levels of productivity and uptime.

NO JOB TOO TOUGH

High capacity masts and reinforced load arms give you the confidence to tackle any application – large or small.

INTELLIGENT TECHNOLOGY

Should a problem ever occur, our integrated **dual CANbus** technology identifies both operator error and malfunctions, which sorts out the problem for a fast fix. Our unique **'Get Home'** function can even be activated after all functions come to rest, allowing the operator to drive the truck to an appropriate place of repair.



YALE VISION WIRELESS ASSET MANAGEMENT

Takes your fleet operation to the next level by providing a true wireless fleet management solution that can drive fleet efficiency, improve operator performance, reduce your carbon footprint and lower your overall material handling costs.

- Manage your total cost of operation
- Helps provide maximum productivity from your lift truck investment
- Monitor operator behavior, promote safety
- Convenient web-based access, and your choice of three levels of management



- Reduced service costs
- On-board diagnostics
- Easily accessible components
- Parts availability program

SUPPORTING CUSTOMERS - WITH WORLD-CLASS PARTS AND SERVICE

Our Guaranteed Availability Program (G.A.P.) helps to provide parts that are normally required in the first two years of operation from your Yale® parts dealer within 24 hours or they are free. With four Parts Distribution Centers strategically located around the world, we provide a full range of original equipment and aftermarket parts that maintain our customers' uptime.*

We also take that commitment into the field with the Yale ProTech® Certification Training Program, available to dealer technicians. The training program provides both systems level as well as product specific education so that lift trucks can be repaired right the first time.

Add more.

You can choose from a range of options to tailor your MR reach truck to your exact application needs.

COLD STORAGE CABIN

A drop in temperatures doesn't mean a drop in performance.

The optional, fully insulated cold storage cabin is available in both standard and narrow chassis models. Heated windows and cabin doors maintain an optimum temperature for the operator. And combined with a sophisticated air circulation system, your operators can work longer more comfortably.

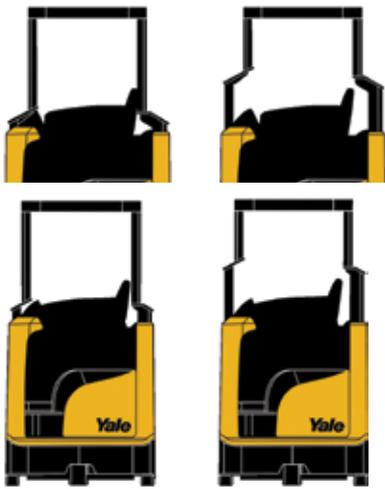
Visibility isn't compromised either; operators have a clear view with large windows on all four sides and above the operator. The truck is available with glass or polycarbonate, heated or unheated windows.

In freezing temperatures moving parts can adversely affect reliability. That's why we've optimized hydraulic lubrication to withstand the effects of temperatures down to -22°F (-30°C) without compromising truck performance.



Fully insulated cabin has heated windows and built-in heaters in the doors.





OVERHEAD GUARD

Four different drive-in racking overhead guards are available to meet various application requirements.

EXTENDABLE FORKS

Optional hydraulically operated extendable forks can provide up to 30% more storage density while maintaining operational flexibility when operating in other areas of the warehouse.

WEIGHT INDICATOR

At the touch of a button, your operator can quickly check the load weight on the forks to an accuracy of +/- 22 lbs.

PREMIUM DISPLAY

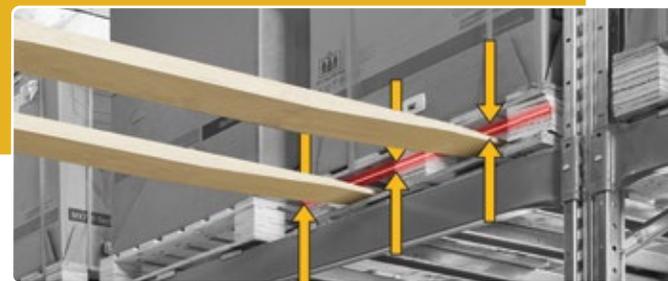
A premium touch screen display allows operators to be constantly aware of the operational status. The display provides PIN access, height preselect, fleet management information, weight indication, lift interrupt override and creep speed selection, when equipped with applicable options, all at the touch of the screen.



Premium touch screen display allows operators to be aware of the operational status at all times.

LASER POSITIONING

Laser positioning allows the operator to work faster, and helps reduce damage to products and racking. The laser projects a red line from the location on the fork carriage, enabling the operator to clearly see where the forks need to be positioned. This helps reduce human error, particularly where operators have to position or pick loads high in the racking. The laser is automatically switched on when the mast is above free lift.



Optional laser

*Consult your local dealer for G.A.P. program rules.

About Yale



Yale Materials Handling Corporation is one of the oldest manufacturers of lift trucks in the world. We've been in the business of lifting since 1875 and we apply that experience to help customers solve materials handling challenges. Our full line of lift trucks range in capacity from 2,000 to 36,000 pounds and are powered by internal combustion engines or electric options. Yale also offers robotic solutions, telemetry, fleet management, parts, financing and training. From traditional lift truck equipment to emerging technologies, our goal, every day, is to work with our nationwide dealer network to continually improve and provide the solutions you need, when and how you need them.

MATERIALS HANDLING FOR:



3PL



Auto Parts
Distribution



Beverage



Cold & Frozen
Foods



Food
Distribution



Food
Processing



Furniture &
Furnishings



Government



Health &
Pharma



Home
Centers



Retail &
E-Commerce

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Trucks may be shown with optional equipment and/or features not available in all regions. Truck performance may be affected by the condition of the vehicle, how it is equipped and the application. Specifications are subject to change without notice. Consult your Yale® Dealer if any of the information shown is critical to your application.

CERTIFICATION: Yale lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Classified by Underwriters' Laboratories, Inc.