

Yale[®]
People. Products. Productivity.™

Heavy Duty End Riders



MPE060-080VG

6,000-8,000 lbs.

You asked for a solution. We delivered.

When it comes to end riders, you want a truck that gives you more. More dependability. More productivity. More comfort. More simplicity. You asked us for a truck engineered for your most demanding heavy duty applications and for extreme operating conditions. You told us what you needed and we heard you loud and clear.

From start to finish, we build every Yale® truck with your needs in mind. Every new truck begins with a conversation with you, our customer, as we work to understand your business, your challenges and your expectations when it comes to your lift trucks. Only then do we begin the design and manufacturing process to create a truck that addresses your needs. And once we've done that, we prove it. First to ourselves, then to you.



Expect more from your end rider

THE HEAVY DUTY END RIDER

Highlights

○ **Designed around you**

- Fingertip Controls
- Large Operator Platform
- Power Assist Steer

○ **Built to perform**

- Tight Turning Radius
- Full 6" Lift Height
- Smart Coast Control with Pick Assist

○ **Proven results**

- 1000+ Hours in Extreme Application
- Lifted 310,000,000 Lbs. Total
- Over 3,000 Miles Traveled

○ **Durability means reliability**

- Industry Leading Durability
- Heavy Duty Linkage System
- Heavy Corrosion/Wash Down Package

○ **We've got you covered**

- Easy Compartment Access
- Yale iSi Technology™
- CANbus Communication System



All trucks shown with optional equipment.

The comfort solution

Just because we're laser focused on engineering the most productive and durable truck on the market, doesn't mean we've forgotten the human factors. From the large operator platform to the intuitive controls, our intelligently designed ergonomics make our heavy duty end riders easier to operate and more comfortable to ride.

Operator-friendly engineering

We've engineered Yale® trucks to be operator friendly, with features like programmable performance modes that let operators tailor truck performance to the application or their skill level. The power assist steer option helps operators easily navigate tight turns and crowded loading areas. And our optional Smart Coast Control with Pick Assist feature enhances performance and productivity while increasing low-level order picking efficiency. Plus, our intelligent design provides improved torque, increased travel speeds and allows smoother acceleration and directional changes.





Butterfly/twist grip combination control handle has left-hand and right-hand controls, allowing fingertip control of lift/lower, travel and horn functions with both hands.



Contoured control handle makes comfort and handling a priority.



Large operator platform provides comfortable and productive positioning.



Padded and contoured steady rest offers a soft, comfortable grab point and integrated controls.

The productivity solution

The Yale® 6,000 lb. and 8,000 lb. heavy duty end riders are highly maneuverable. Thanks to their tight turning radius, short head length and control handle design, our end riders provide excellent maneuverability, even in tight spaces like on crowded loading docks. They also maneuver easily across dock plates because of the way we have positioned undercarriage components. And a full 6" of lift height allows you to pick up oversized pallets.

○ Performance

For such solidly built trucks, they are extraordinarily quick. Pace-setting, programmable acceleration and travel speeds allow more loads to be moved per hour. And a high-performance hydraulic system, coupled with the advanced pallet entry-exit system, produces outstanding cycle times.

○ Energy efficiency

With our Extended Shift feature, you get to choose how hard your trucks work. While using the Extended Shift feature, truck performance is tailored with energy efficiency in mind, so your truck can operate longer between battery changes. When the Extended Shift feature is disengaged, your truck operates in high-performance mode for quicker acceleration and higher travel speeds. Result? More pallet moves per hour.



○ Smart coast control with pick assist

Increase floor-and low-level picking efficiency with the Smart Coast Control with Pick Assist option. This option allows the operator to move the truck with the touch of a button, saving valuable seconds of pick time.

○ Smart coast control

The Smart Coast Control function is easily activated by a button on either side of the control handle. Once the operator has the handle in the optimum position for floor-level order picking, pushing the button engages the Smart Coast Control function and keeps the handle at that position until Smart Coast Control is disengaged.

○ Pick assist

The Pick Assist buttons (located on either arm of the control handle) allow the operator to advance the truck to the next picking location at walking speed. The Smart Coast Control with Pick Assist option is also available on the optional full twist metal control handle.



**HEAVY
DUTY
END RIDERS**

Tested and proven

It's through this approach that every detail of our new Yale® MPE 6,000 lb. and 8,000 lb. heavy duty end riders came to be meticulously designed and rigorously engineered to create the solution you've been waiting for. How can we be so sure? We tested them. Time and time again.

☐ Survived 1,000+ hours

After we tested them ourselves, we asked our customers. In a real-world, high-duty cycle application, Yale's heavy duty linkage set a new standard by surviving 1,000+ hours without lubrication.*

☐ Lifted a total of 310,000,000 lbs.

Our complete linkage system lifted a total of 310,000,000 lbs. before requiring service—significantly better than a major competitor. Of course, we don't recommend you treat your trucks this way. Always follow recommended maintenance intervals. Our trucks' bushing wear was three times better than the competition's.

☐ The numbers don't lie

In test after test, the results are clear: Yale end riders outperform the competition. Our end riders can go fork-to-fork with any truck in the industry, delivering dependability, productivity, operator comfort and ease of maintenance that exceeds the industry's highest standards.

We're so confident that our heavy duty end riders are the best in the industry, we spent 1,000+ hours in an extreme cold storage application—that's 83 working days—to prove it. The results?

- 1,300+ trailers emptied
- 50,000+ pallets moved
- 30,000+ dock plates hits
- 100,000+ lift/lowers
- 105,000,000 lbs. of freight lifted and transported
- 3,000+ miles traveled
- Zero lubrication or service*

* This test was performed without additional undercarriage lubrication to prove the extremes that our heavy duty end riders can handle before needing service. Yale recommends following proper maintenance procedures to maximize truck life.



The durability solution

It takes some smart thinking to make a truck that can stand up to the brutal demands of your operation. When your heavy duty application demands that a truck run dependably 4,000+ hours a year in demanding environments, you want to be absolutely certain it can handle the pressure. We've built a truck that's up to the challenge.

Built to resist the elements

Designed to protect your truck from highly corrosive environments, the heavy corrosion/wash down package includes a completely galvanized frame, lift linkage, battery well and fork weldment. The galvanization process makes these components rust- and corrosion-resistant, making the truck more FDA- and EPA-friendly and reducing the overall cost of maintenance and operation by eliminating the need for accelerated painting schedules. The controller is also enclosed and sealed to protect it during the wash down process.



The serviceability solution

No truck is completely maintenance-free, but when it comes time to service our 6,000 lb. and 8,000 lb. heavy duty end riders, we've made certain it's easy to get the job done fast. The controls compartment requires no tools to open, and the translucent hydraulic reservoir allows technicians to check fluid levels at a glance. Your technicians will also appreciate our on-board diagnostic capability, which allows for quick troubleshooting. When parts or service help is required, your Authorized Yale® Lift Truck Dealer can provide genuine Yale parts as well as PREMIER™ parts for other makes—or service, from one of North America's most extensive full-line lift truck dealer networks, so you can feel confident your Yale® lift truck will be there when you need it.



Yale 
iSi Technology™



Yale iSi Technology™ incorporates a common control system with consistent functionality across the warehouse product line. The Integrated Smart Interface utilizes the same software, diagnostic codes and functionality for the main warehouse trucks creating commonality for users, supervisors and service personnel. The system offers full customization to allow a user to properly match the trucks' performance with the skill of the operator.

Built for low-maintenance and more uptime

- High-efficiency AC traction motor requires no service.
- Electro-mechanical brake has no service requirements.
- Stationary traction motor design eliminates power cable flexing and the potential for loose power wire connections.
- Non-contact Hall-Effect throttle control eliminates wear components and requires no mechanical adjustments.
- Controller absorbs excess current during hydraulic motor activation to extend motor life.
- Easily accessible lube fittings and serviceable bushings at all pivot points reduce wear and extend component life.
- CANbus communication system helps reduce wear by simplifying truck wiring—fewer wires mean fewer potential failure points.

Supporting customers with world-class parts and service

Our Guaranteed Availability Program (G.A.P.) ensures that parts that are normally required in the first two years of operation will be available 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 Yale's ProTech® Certification training program, available to our dealers' technicians. The ProTech® technical training program provides both systems level as well as product specific education to ensure lift trucks are repaired right the first time.



*Within the terms, rules and guidelines of the program, which can be provided by the dealer. The G.A.P. covers current Yale production units manufactured in U.S.A. (and our MPE060-080VG). Program may be discontinued, at the sole discretion of Yale Materials Handling Corporation, at any time.

It's what's underneath that counts

At Yale, knowing your business is our business. We know that to stay productive, your operation needs an end rider that can handle rigorous demands. Yale® trucks work hard. Running across uneven surfaces, pounding into pallets, stopping and starting and stopping and starting again—it's all in a day's work for your end rider pallet jack. That's why we've strengthened every inch of our heavy duty end riders. From enhancing frame stability, to reinforcing our forks with 25 percent more steel, to engineering the undercarriage to protect all of the truck's most critical components, we've designed our heavy duty end riders to be the durable solution to your application's toughest challenge.

Fork tips are specifically designed for smooth pallet entry. Increasing fork-pallet interlocking pressure by 500% allows for successful pallet exit on the first try.

Increased exit roller size reduces pallets' tendency to drag.

Forks are reinforced with 25% more steel to maximize durability.



Lubrication and "x" groove bushings at all pivot points.

Oversized pull rods tie linkage together for smooth lifting and lowering.

Enhanced frame has more metal in all the right places for greater strength and steadier load handling.

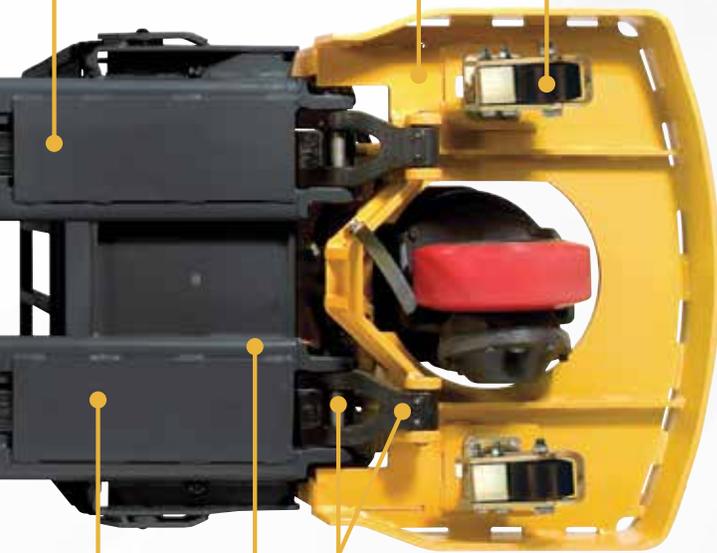
Springless, quick adjust, heavy duty casters enhance load handling stability, reduce maintenance time, and resist damage from dockplates.

Frame and forks connect for reduced twist and increased torsional stiffness.

Lubrication and "x" groove bushings at all pivot points.

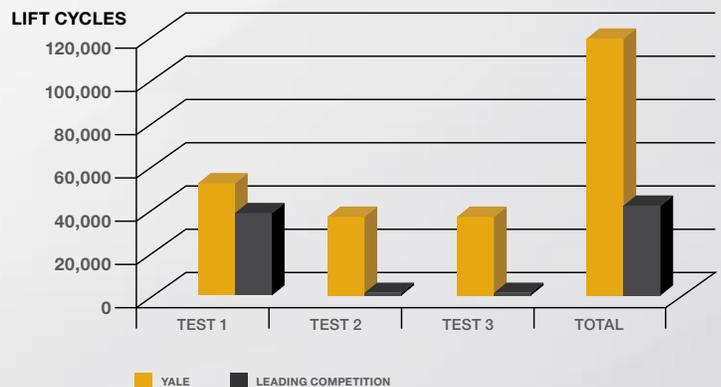
Forks' connection with the battery box reduces strain on the undercarriage and linkage.

Reinforced undercarriage is protected against impacts.



○ Tests show that Yale's linkage system outperformed that of the leading competitor

In an accelerated lift test of the full undercarriage linkage system, the Yale® end rider provided nearly three times the lift cycles than the leading competitor. A lift cycle equaled raising and lowering a load every five to seven seconds. Cycles continued until bushing or lift failure. Bushings were replaced and the testing started again. After three rounds of tests, the results were obvious:



Experience More. Experience Yale.

With Yale, you know you're getting more than just a truck. You're getting the complete Yale experience. It's the promise we make that goes beyond our products, and it's our commitment to support you with the best service in the industry.



Dealer Network - Yale customers have direct access to the best forklift products and services through our extensive, independent dealer network, featuring 340 worldwide dealer locations (225 in the Americas) with an average of more than 25 years of experience in materials handling.



Financial Services - Yale® Financial Services specializes in financing your lift truck needs. Our programs make it easy to acquire the use of a lift truck or an entire fleet.



Fleet Management - Even if you operate other brands, we can manage your maintenance and replacement plan. We can offer complete fleet analysis, fleet history summary and a cost-effective proposal for replacement and scheduled maintenance.



Innovations - One size doesn't always fit all. Yale has engineered a variety of truck modifications to meet the ever-changing needs of its customers and their changing applications. In addition to standard and optional truck features, Yale offers an impressive list of special truck enhancements designed to increase your productivity.



Operator Training - Proper education in operating lift trucks minimizes the risk of injuries due to accidents while increasing productivity. Yale offers OSHA compliant materials that support the training of qualified operators.



Replacement Parts - Your authorized Yale® lift truck dealer offers genuine Yale® parts and quality parts for other makes (PREMIER® Parts) as well as service programs—all designed to keep your trucks running efficiently and cost-effectively.



Rental - Long-term rental can provide flexibility for equipment and term tailored to your operation, fixed cost, maintenance and maximum uptime without major capital investment. Coupled with Yale® dealers' extensive short-term rental fleets, businesses can meet peak production or seasonal requirements while keeping their fleets sized for their everyday needs.



□ Anything. Anywhere. Anytime.

With top-of-the-line components, superior ergonomics and maneuverability and extended service intervals, Yale® trucks are engineered to excel. But Yale's commitment to its customers, which includes meeting every need of every customer, is equally exceptional. Why does Yale go the extra mile? Because Yale is only successful when its customers are successful.



For more information, or to find your nearest Yale® dealer, go to Yale.com.



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Manufactured in our own ISO 9001 and 14001 Registered Facilities

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Trucks shown with optional equipment.