

MPE060

ACPOWER



**OPTIONAL POWER
ASSIST STEERING**

Truck shown with optional equipment

Rider/Walkie Pallet Truck 6,000 lbs.



MPE060

As a leader in materials handling, Yale® offers so much more than the most complete line of lift trucks. Yale has invested heavily in people, processes and capital equipment to encompass all the cornerstones of productivity and dependability... **Innovative Design, Comprehensive Testing, Highest Quality, Advanced Components and Superior Manufacturing.**



All trucks shown with optional equipment

When it comes to motorized hand trucks, Yale leads the way. In fact, with top-of-the-line components, superior ergonomics and exceptional maneuverability, Yale motorized hand trucks have been the industry sales leader for many years.

The MPE series has an optional **power assist steer** feature that significantly reduces operator steer effort and increases maneuverability. This results in reduced operator fatigue. This advanced system automatically provides the proper amount of assist based on handle position, steer angle, and truck travel speed.



Optional power assist steering

MPE060 Dependability

Yale® MPE060 trucks are designed and manufactured to be among the most dependable trucks in the industry today.

State of the art **robotic welding** of the forks and frame provides optimal frame rigidity for long truck life.

The UL listed **heavy-duty AC traction motor** is sealed to protect internal components from contamination. The stationary motor mounted design eliminates flexing/twisting of cables. The proven gearbox design includes maintenance-free, permanently lubricated steer bearings and heat-treated gears that are lubricated in an oil bath to provide long life.



Robotic welding



Sealed Wiring Harness Connectors

The Yale MPE060 Series offers the most reliable parts program available in the industry. Yale dealers provide off-the-shelf availability of maintenance and repair parts routinely serviced in the first two years of truck operation.

Yale parts

Ultimate productivity

Performance and productivity are built into every Yale® truck. The MPE060 Series is no exception. From their AC motor technology, high performance hydraulic system and integral lift pump motor control, these trucks are designed with state-of-the-art technology that adds up to reliable performance.



All trucks shown with optional equipment

Yale designs and builds motorized hand trucks that can be tailored to industry and application specific needs.

The truck features **four operator selectable modes**, as well as **two master level performance settings**. Adjustable parameters allow a qualified technician to customize the truck's performance based on the customer's application.



The electrical system uses **Yale® AC drive technology** designed for exceptional performance providing high starting torque and smooth acceleration. Yale AC motor technology provides faster travel speeds and quicker direction changes. A speed sensor built into the motor provides feedback to the control system, allowing motor speed and direction to be continuously monitored. The MPE provides industry leading acceleration and to speed up to 9 mph.

The **tapered fork design** incorporates pallet exit rollers for smooth, easy pallet entry and exit. The profile of the fork tip has been tapered to allow easy handling of the last load in a trailer.

The **optional Smart Coast Control with Pick Assist** is ideal for high throughput case picking operations. Simple, convenient button access allows the operator to set the steer handle in the optimal position (infinitely variable within handle travel limits) for low-level picking.

The **Auto Deceleration System** eliminates the need for an operator to manually apply a service brake to slow the truck down. The operator simply returns the throttle control towards neutral for a controlled deceleration. This feature reduces operator fatigue and enhances productivity.



AC technology



Tapered fork design



Optional Smart Coast Control (A) with Pick Assist (B)

Intelligent ergonomics

Operators prefer Yale® trucks. Applying best-in-class ergonomics, the Yale MPE060 Series helps your operators get the job done by reducing fatigue and improving productivity. The ergonomically designed handle puts full control at the operator's fingertips. Lifting, lowering, speed control and the horn are easily accessed regardless of operating position.



All trucks shown with optional equipment



Intuitive fingertip controls

The optional Yale® **power assist steering** feature reduces steer effort by up to 90% over industry average. With this unique Yale option, the operator can easily maneuver the truck with heavy loads through congested loading areas. The amount of assist varies based upon control handle position, steer angle and truck travel speed.

Controls for **lift, lower, speed control and the horn** can easily be operated with either hand. The wrap around traction reversing switch (belly switch) provides a large area of contact for the operator. The rotary throttle (butterfly) control has been designed to maximize tactile feel and reduce hand and arm fatigue.

The ergonomically designed **top-mounted handle** and **handrail buttons** provide intuitive control of travel, steering, lift, lower and horn. The throttle control includes both rotary and fingertip actuation to accommodate either walk or ride modes.

The **ergonomically designed platform** enables the operator to stand and operate the truck from either the left or right hand side. Recessed “pocket areas” in the motor compartment cover provide industry-leading foot room on the operator platform. A standard cushioned rubber floor mat with tapered edges provides excellent operator comfort. The cushion is easily removed for cleaning and service access.



Ergonomically designed control handle



Top-mounted handle



Industry leading foot room

innovative
design

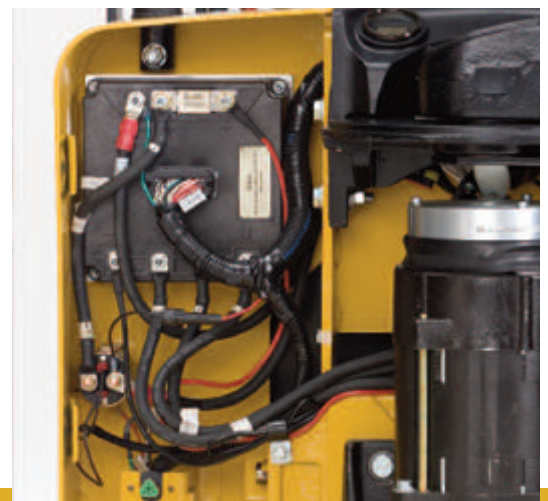
Yale[®] gold service

Not only are Yale MPE060 trucks designed to require less maintenance, they're also designed to be extremely easy to service. From the easy-to-remove compartment cover, to the easy access to vital components, these trucks are designed with the smallest service details in mind. But there's nothing small about the service access these trucks provide. Yale's dedication to providing maximum access makes servicing fast, easy and convenient. It's the new standard in truck serviceability—only from Yale.



All trucks shown with optional equipment

CANbus Technology streamlines communications between truck systems. Wiring and electrical connections are simplified, resulting in improved reliability. The motor controller, display, steer handle card and Power Assist Steer Option are controlled via the CANbus network.



Motor Controller

The Yale® electrical system features a **transistorized drive controller with integral lift pump motor control** that is easily to program. Built-in diagnostics speed up trouble-shooting and increase uptime. Control handle CANbus communications reduces truck wiring and sealed connectors decreasing wiring complexity. A Hall effect speed sensor in the control handle eliminates high maintenance associated with the potentiometers found on other brand trucks.

The AC motors and controllers offer reduced maintenance through the elimination of motor brushes and a commutator. More efficient than DC motors and controls, AC technology eliminates arcing, sparking and brush dust from brushwear.

The **optional power assist steer system** is also brushless to help reduce maintenance requirements.

The **lift linkage can be easily adjusted** from the top of the fork. Yale's replaceable rod ends are designed to be the "fuse" in the system. They eliminate the need to replace the entire pull rod like competitive models.

The truck's **compartment cover** is made out of a custom thermal plastic material that is exceptionally rugged. It is attached with spring clips and is easily removed without tools.



Excellent service access



Optional power assist steer motor



Easy to adjust lift linkage

maximum
access

Yale® MPE060 highlights/options



Productivity highlights

24 volt battery	Std
Industry leading pallet entry and exit	Std
AC technology for maximum performance	Std
High performance hydraulic system	Std
Class H installation provides maximum thermal protection	Std
Fully programmable control system	Std
Auto Deceleration System	Std
Heavy-duty traction motor	Std
4 bearings per load wheel	Opt
Reinforced forks	Std
Large drive tire	Std
Single Pallet Fork Length 48"	Std

Productivity options

Single pallet fork lengths 36", 42", 60"	Opt
Double and triple length pallet fork lengths 64", 84", 93", 96", 144"	N/A
Pivoting or stationary load backrest extension and convenience tray	Opt
Manual Coast Control with pick assist	Opt
Smart Coast Control with pick assist	Opt
Heavy-duty caster wheels with sealed bearings for wet applications	Opt
Cooler/Freezer Package*	Opt
SubZero Freezer Package**	Opt
Heavy Corrosion/Wash Down Package	N/A
Battery rollers	Opt
Dual load wheels	Opt
UL "EE" rated construction	N/A
RF Terminal Power Supply	Opt
4 bearings per load wheel	Opt
Power Assist Steer	Opt

Ergonomic highlights

Contoured handgrip alleviates fatigue	Std
Controls provide easy operation with either right or left hand	Std
Low effort butterfly actuators rotate 30 degrees in either direction	Std
Large horn buttons	Std
Lift/lower control designed with tactile feel for intuitive use	Std
Top mounted handle optimizes the rider position	Std
Large platform enhances operator stability	Std
Thick cushion floor mat	Std
Padded contoured hand rail	Std
Gas assist spring provides effortless positioning and controlled return of the handle to a vertical position	Std
Four operator selectable performance modes	Std
Low 10" step height	Std

* Cooler/Freezer(Operating temperatures: 0° to +120° F)

** SubZero Freezer (Operating temperatures: -40° to +120° F)

Note: Std = Standard, Opt = Optional, N/A = Not Available

Yale® MPE060 highlights/options



Ergonomic options

Convenience tray	Opt
Manual Coast Control with pick assist	Opt
Smart Coast Control with pick assist	Opt
Power assist steering provides reduced steer effort and easier maneuverability	Opt
Amber strobe	Opt
Audible alarm	Opt

Serviceability highlights

CANbus communications provides fewer wires, greater reliability	Std
Designed for minimal troubleshooting and repair time	Std
Single sealed circuit board in handle	Std
Hall Effect speed control sensor eliminates the use of potentiometers, therefore eliminating wear and adjustment	Std
Durable steel reinforced composite material and rugged steel tubing control handle arm	Std
Fused traction controller	Std
Solid-state hydraulic pump control	Std
Stationary traction motor	Std
Metal Oxide Semiconductor Field Effect Transistor (MOSFET) traction controller	Std
Solid-state electric horn	Std
Low maintenance electro-mechanical park brake	Std
Lubrication fittings on all lift linkage and steer handle	Std
Special plating process used on all critical lift linkage pivot points to prevent corrosion	Std
Hydraulic translucent tank allows for quick fluid level check	Std
Multi-function display (with service reminder, lift interrupt, on-board test, diagnostics)	Std
Knock-out load wheel axles	Std
Heavy-duty 1" x 2" pull rods with replaceable threaded ends	Std
Drive tire wheel easily removed with five bolts	Std

Serviceability options

Battery rollers	Opt
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**Sales • Rentals • Financing • Fleet Management
Parts • Service • Operator Training**




Manufactured in our own ISO 9001 and ISO 14001 Registered Facilities



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