

# MPW 060/080E



*Truck shown with optional equipment*

Walkie Pallet Trucks 6,000–8,000 lbs



# Exceptionally



*Truck shown with optional equipment*

# hard working

When it comes to motorized hand trucks, you'll find Yale leads the way with over 80 years of experience. In fact, with top-of-the-line components, superior ergonomics and exceptional maneuverability, Yale motorized hand trucks are the industry sales leader. The MPW walkie pallet truck is a versatile hardworking truck for walk behind applications.

Because it's backed by a full range of Yale parts and services, you can count on this truck to deliver all the big advantages: ease of operation, productivity and peace of mind.

You can also rely on the MPW-E for the biggest advantage of all: It's from Yale... the market leader.

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the market leader.

**Yale**

# Optimum operator comfort

*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.*

*Applying best-in-class ergonomics, the Yale MPW helps you get the job done by reducing operator fatigue and improving productivity.*

# Intelligent



*The ergonomically designed bottom mounted control handle reduces operator steering effort.*

*MPW shown with optional equipment*

*“Smart companies recognize that good ergonomics not only avoids work injuries, but it also improves the productivity of their operations.”*

# ergonomics



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



*The bottom-mounted control handle design optimizes the operating position by increasing the walk behind clearance and reducing the steering effort.*



*The ergonomically designed bottom mounted control handle and buttons provide intuitive control of travel, steering, lift/lower and horn. All controls are fingertop accessible.*

## **Ergonomic Highlights**

- Contoured handgrip alleviates fatigue
- Controls provide easy operation with either right or left hand
- Low effort butterfly actuators rotate 30 degrees in either direction
- Large horn button
- Lift/lower control designed with tactile feel for intuitive use
- Bottom mounted control handle reduces steer effort
- Minimal actuating force required to pull down the handle
- Gas assist spring provides effortless positioning and controlled return of the handle to a vertical position

## **Ergonomic Options**

- Convenience tray
- Creep speed

*Trucks shown with optional equipment.*

# Ultimate performance

*Performance and productivity are built into every Yale truck. The MPW is no exception. From the Separately Excited Motor (SEM) traction control technology, high performance hydraulic system and integral lift pump motor control, this truck delivers state-of-the-art technology that adds up to reliable performance.*

*What's more, with its robotically welded steel forks and frame, and proven gearbox design, everything about this truck makes it a leader in 6000-8000 pound walkie applications. Because every part is designed for strength, dependability and long wear, it's also on the job more—exactly where you want your trucks and operators to be.*

*Yale's SEM transistorized drive controller gives smooth acceleration and infinitely variable speed control, providing superior command of the truck when entering a pallet or spotting a load.*

*MPW shown with optional equipment*

# Ultimate



*"On the road of materials handling there are drivers and there are movers. If you're not driving change, move over."*

# productivity



*The tapered fork design provides industry leading pallet entry and exit. The fork has been designed for smooth pallet entry/exit and the top profile has been tapered to allow easy handling of the last load in a trailer.*

*The forks on the MPW065/080 have additional structural reinforcements.*



*The electrical system has been designed using an advanced transistorized controller incorporating SEM technology to enhance truck performance and reliability. Each truck model uses a specifically sized traction motor with a controller programmed for that particular size motor. Further, your Yale technician can custom tailor the controller settings to meet the application requirements.*



*The Auto Deceleration System eliminates the need to manually apply a service brake for slow down. The operator simply returns the throttle control towards neutral for a controlled deceleration reducing fatigue and enhancing productivity.*

## Performance Highlights

24 volt standard on MPW-060/080

12 volt standard on MPW065

Industry leading pallet entry and exit

Robotically welded steel forks and frame

Battery box and forks are welded into an integral unit

Separately excited motor (SEM) technology for enhanced performance

High performance hydraulic system

Wrap around traction reversing switch

Class H installation provides maximum thermal protection

Fork length 48"

Fully programmable control system

Auto Deceleration System

## Additional Performance Highlights MPW080

Larger traction motor

Higher amp hour traction controller

Larger hydraulic pump and motor

4 bearings per load wheel

Reinforced forks

## Performance Options

Various fork lengths 32", 42" and 60"

Load backrest extension

Cooler/Freezer Package - Operating Temperatures: 0° to +120° F

SubZero Freezer Package - Operating Temperatures: -40° to +120° F

Heavy Corrosion/Wash Down Package - Operating Temperatures: 0° to +120° F (MPW065 & MPW080)

Battery rollers

Dual load wheels

Various caster wheel options

UL "EE" rated construction on MPW065 and MPW080

*Trucks shown with optional equipment.*

# Superbly designed

*Not only is the MPW designed to require less maintenance, it's also designed to be extremely easy to service. No tools are required to remove the compartment cover to access the vital components...it's held on by spring clips. These trucks were designed with the smallest service details in mind. But there's nothing small about the service access these trucks provide. In fact, its maximum access makes servicing fast, easy and convenient. It's the new standard in truck service-ability—only from Yale.*

# Yale Gold



*MPW motorized hand trucks are designed for easy access, simplifying inspection and maintenance, thereby increasing productivity.*

*MPW shown with optional equipment*



*“Excellence today is defined by the company that can surprise with service and manage the supply chain in ways that deliver value above and beyond customer service.”*

# Service™



*Simplified electrical system features a transistorized drive controller with integral hoist control that is easily programmed and features built-in diagnostics. Control handle serial communication reduces truck wiring and connectors decreasing the possibility of electrical problems. Hall effect sensor in the control handle eliminates high maintenance associated with potentiometers.*



*The use of an SEM traction system eliminates the need for directional contactors. The rigidly-mounted traction motor design eliminates flexing and stretching of motor power cables. Drive unit features maintenance-free, permanently lubricated steer bearings. Electromechanical parking brake eliminates high maintenance associated with conventional drum and shoe brake. Standard string guard reduces the potential for drive axle bearing seal damage.*



*The lift linkage can be easily adjusted from the top and features a replaceable rod end. The rod ends are designed to be the “fuse” in the system and eliminates the need to replace the entire pull rod should a failure occur.*

## Serviceability Highlights

Designed for minimal troubleshooting and repair time

Control handle constructed of a durable steel reinforced composite material

Single sealed circuit board in handle

Hall Effect speed control sensor eliminates the use of potentiometers, therefore eliminating wear and adjustment

Durable and rugged steel tubing control handle arm

Fused traction controller

Solid-state lift pump motor control

Stationary traction motor

Metal Oxide Semiconductor Field Effect Transistor (MOSFET) traction controller

Electronic serial communication system requires fewer wires in the control handle wiring harness

Solid-state electronic horn

Low maintenance electromechanical park brake

Lubrication fittings on all lift linkage and steering points

Special plating process used on all critical lift linkage pivot pins to prevent corrosion

Translucent hydraulic tank allows for quick fluid level check

Low battery lift interrupt without display

Knock-out load wheel axles

Heavy-duty 1" x 2" pull rods with replaceable threaded ends

Drive tire wheel easily removed with five bolts

## Service Options

Multi-function display

Diagnostic handset

Battery rollers



## Key Features

- Ergonomically designed control handle
- Separately Excited Motor (SEM)
- MOSFET traction controller
- Solid-state lift pump motor control
- On-board diagnostics
- Robotically welded frame and forks
- Industry leading pallet entry/exit
- Rugged steel bumper
- Hall Effect speed control sensor
- Grease fittings on all pivot points
- Easy to service

Model	MPW060-E	MPW065-E	MPW080-E
<b><i>Performance Specifications:</i></b>			
Maximum Travel Speed - Empty	3.6	3.7	3.6
Maximum Travel Speed - Loaded	2.8	2.6	2.4
<b><i>Dimensions &amp; Weights:</i></b>			
Fork Length (inches)	48	48	48
Battery Compartment	13.4	9.0	13.4
Wheelbase Raised (inches)	61.1	56.7	61.1
Lowered (inches)	65.8	61.4	65.8
Overall Length (inches)	82.2	77.8	82.2
Chassis Length (inches)	34.4	30	34.4
Outside Turning Radius Raised (inches)	70.5	66.1	70.5
Lowered (inches)	75.2	70.8	75.2

See Yale truck specification sheets for additional data. For a complete listing of truck options, contact your local Authorized Yale Dealer.

Buy a truck, **get a company.**

As a leader in materials handling, Yale offers so much more than the most complete line of lift trucks.

All our **lift trucks**<sup>1</sup> come with the support of an entire company, our strategically located **dealer network**,<sup>2</sup> certified **service technicians**<sup>3</sup> and everything it takes to help **finance**<sup>4</sup> and **manage**<sup>5</sup> your lift truck fleet. With every Yale truck you also get total service and our continuing commitment to improving your materials handling productivity.

# Yale

**1** The most comprehensive line of trucks from 2,000 to 36,000 pounds, six manufacturing plants and four development engineering centers.

**2** More than 325 dealer locations in the Americas, Europe and Asia.

**3** The industry's best service and support program, Yale Gold Service™, with 2,000 service vans and over 2,500 service technicians.

**4** Showing customers the most cost-effective way to buy, lease or rent the trucks they require.

**5** Fleet management services for more than 85,000 trucks and 28,000 trucks in our rental fleet.

**Sales • Rentals • Financing • Fleet Management  
Parts • Service • Operator Training**



**Manufactured in our own ISO 9001 and 14001 Registered Facilities**



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