



**MPB040-E • MPW045-E  
Walkie Pallet Trucks**

4,000 - 4,500 lbs

**Yale**<sup>®</sup>

**Yale Materials Handling Corporation**

1400 Sullivan Drive • Greenville, NC 27834

1.800.233.YALE  
www.yale.com

Manufactured in our own ISO 9002 Registered Facilities

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*Truck shown with optional equipment*

ergonomics

Yale Lift Trucks and Services are designed

performance

to maximize and continually improve your

serviceability

materials handling productivity.

**productivity**

Lift Trucks

Rental Services

Fleet Management

Financial Services

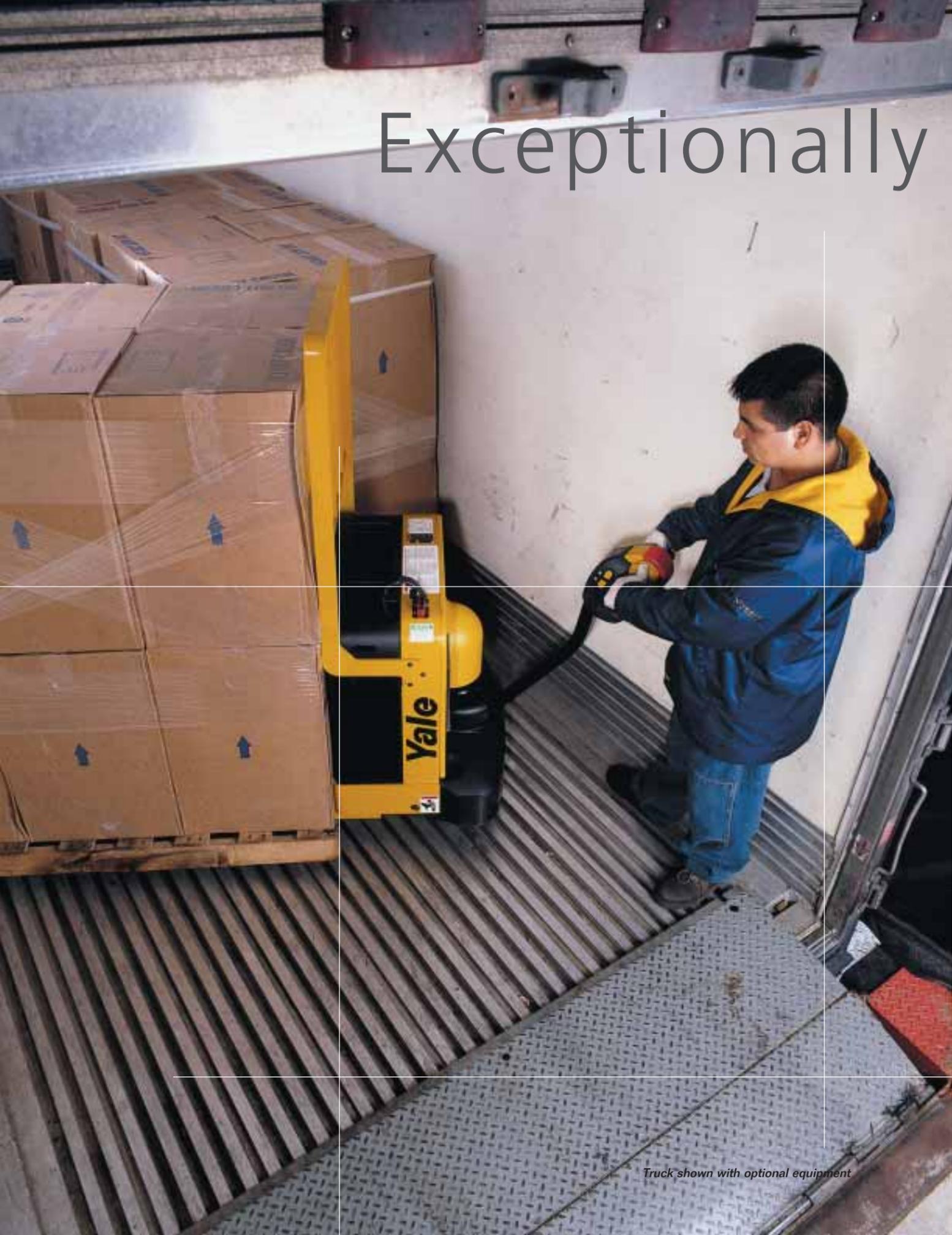
Gold Service<sup>™</sup>

Replacement Parts

Operator Training

**Yale**<sup>®</sup>



A photograph showing a worker in a blue and yellow jacket operating a yellow Yale motorized hand truck in a warehouse aisle. The truck is carrying a pallet of cardboard boxes. The worker is standing on a metal grating floor, and the truck is positioned next to a wall. The text 'Exceptionally hard working' is overlaid on the top of the image.

# Exceptionally 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. Both the MPB040-E and MPW045-E can easily turn in a trailer and maneuver through high-density areas or retail aisles. The MPB040-E is one of the most compact "walkie" trucks in the industry.

Because they're backed by a full range of Yale parts and services, you can count on these trucks to deliver all the big advantages: ease of operation, productivity and peace of mind.

You can also rely on the MPB040-E and MPW045-E for the biggest advantage of all: They're from Yale...

the market leader.

**Yale**

Truck shown with optional equipment

# 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. A bottom mounted handle makes steering and maneuvering easy.

Applying best-in-class ergonomics, the Yale MPB040-E and MPW045-E help you get the job done by reducing operator fatigue and improving productivity.

The handgrips follow the natural angle of the wrist to help alleviate fatigue over the working day.

MPB040-E shown with optional multi-functional display, load backrest and stability tabs.

# Intelligent Ergonomics

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



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



The optional creep speed control allows an operator to maneuver the truck in tight areas with the handle in the upright position.



The MPB040-E with standard battery pack includes a hinged convenience tray with large storage area.

## Ergonomic Highlights

- Angled handgrips help alleviate fatigue
- Gas assist spring provides effortless positioning and controlled return of the handle to a vertical position
- 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 reduces steer effort
- Duplicated controls provide easy operation with either right or left hand
- Minimal actuating force required to pull down the handle

## Ergonomic Options

- Keyless toggle ignition switch

# Ultimate performance

Performance and productivity are built into every Yale truck. The MPB040-E and MPW045-E are no exception. From their Separately Excited Motor (SEM) traction control technology, user selectable performance modes and integral hoist control, these trucks deliver state-of-the-art technology that adds up to reliable performance.

What's more, with their robotically welded steel forks and frame, and proven gearbox design, everything about these trucks make them a leader in 4000-4500 pound walkie applications. Because every part is designed for strength, dependability and long wear, they're also on the job more --- exactly where you want your trucks and operators to be.

Walkie pallet trucks are predominately used for loading, unloading and transporting over short distances.

MPW045-E shown with multi-functional display, industrial battery and stabilizing casters.



# Ultimate productivity

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



Three performance modes easily changed by the operator through the control handle allow you to tailor truck performance to the application.



The tapered fork design provides industry leading pallet entry and exit. The pallet entry/exit system consists of a tapered fork nose and pallet exit roller.



The MPB040-E comes standard with a battery pack consisting of four deep cycle batteries, an integral 20 amp charger and battery cover with hinged convenience tray. The battery is charged by simply plugging in the removable power cord. There is no need to disconnect the battery connector from the truck.



The MPW045-E can accommodate a 12 or 24 volt power system. The truck can be equipped with a GNB PalletPro™ (24 volt) or an industrial battery (12 or 24 volt) for longer duty cycles. Battery is not included.

## Performance Highlights

- Maneuverability
- Easy pallet entry and exit
- Robotically welded frame and forks (additional reinforcement added to forks on the MPW045-E)
- Steel wrap around bumper
- Separately Excited Motor (SEM) technology for enhanced performance
- MPB040-E 24 volt battery pack and on-board charger with cord storage
- MPW045-E 24 volt system designed to accommodate industrial battery
- Molded-on rubber drive tire on MPB040-E
- Press-on rubber drive tire on MPW045-E
- User selectable performance modes
- Low battery lift interrupt without display

## Performance Options

### MPB040-E and MPW045-E

- Cold storage packages
- Creep speed control
- Various drive tires
- Load backrest extension in 48" and 60" heights
- Stabilizing casters
- Stability tabs
- GNB PalletPro™ - 24 volt maintenance free battery with 25 amp charger
- Fork pallet lengths - 36" and 42"

### Additional MPW045-E Options

- 12 volt system
- Pallet fork length - 60"
- Battery rollers

# Superbly designed

# Yale Gold Service™

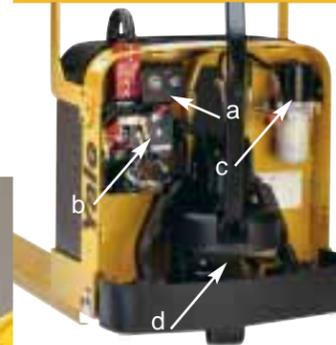
Not only are the MPB040-E and MPW045-E designed to require less maintenance, they're also designed to be extremely easy to service.

From the easy to remove compartment cover, to quick battery access, 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 serviceability --- only from Yale.

Service technicians can utilize a handset to customize performance parameters as well as perform diagnostics. MPW045-E shown with optional multi-function display, handset and stabilizing casters.



"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."



Easy to remove cover to give technicians total access to key components, a) optional multi-functional display, b) traction controller with integral hoist control, c) hydraulic power unit, d) drive unit.



The optional multi-function display provides battery state-of-charge indication, truck hours, fault codes and lift interrupt warning.



The drive unit gearbox is designed for ease of maintenance. All gears are immersed in an oil bath for long life and quiet operation. Protection of the drive unit is provided by a rugged steel bumper.



The standard MPB040-E battery pack consists of four deep cycle batteries. The top two batteries swing out for easy inspection of fluid level in the bottom batteries.

## Serviceability Highlights

- Designed for minimal troubleshooting and repair time
- Control handle constructed of durable glass fiber impregnated material
- No special tools required to disassemble the handle
- All control handle electronics are incorporated in one sealed circuit board
- Hall Effect speed control sensor eliminates the use of potentiometers, therefore eliminating wear and adjustment
- Solid state proximity switch for tiller position eliminates brake micro switch adjustments
- Durable and rugged steel tubing tiller bar
- Fused traction controller
- Solid-state hydraulic pump control
- Separately Excited Motor (SEM) with regenerative braking
- Metal Oxide Semiconductor Field Effect Transistor (MOSFET) traction controller
- One line contactor provides reverse polarity protection and power disconnect
- Electronic serial communication system requires only 4 conductors in the control handle wiring harness
- Solid-state electric horn
- No pump or directional control contactors
- Auto power down feature
- Low maintenance electric park brake
- Lubrication fittings on all lift linkage and steering points
- Hydraulic translucent tank allows for quick fluid level check
- Low battery lift interrupt without display
- Knock-out load wheel axles

## Service Options

- Multi-function display
- PC laptop diagnostic system
- Diagnostic handset



## Key Features

- Compact size with exceptional maneuverability
- Ergonomically designed control handle
- Superior pallet entry and exit
- User selectable performance modes
- Separately Excited Motor (SEM)
- MOSFET traction controller
- Solid-state hoist control
- On-board diagnostics
- Proven gearbox
- Robotically welded frame and forks
- Rugged steel bumper
- Hall Effect speed control sensor
- Grease fittings on all pivot points
- Easy to service

Model	MPB040-E	MPW045-E
<b>Performance Specifications:</b>		
Travel Speed 24 Volt Empty/Loaded (mph)	3.7/3.0	3.7/3.0
12 Volt Empty/Loaded (mph)	N/A	3.7/2.8
<b>Dimensions &amp; Weights:</b>		
Fork Length (inches)	47.2	47.2
Wheelbase Raised (inches)	52.5	52.5
Lowered (inches)	54.9	55.9
Overall Length (inches)	69.6	69.6
Chassis Length (inches)	21.4	22.4
Outside Turning Radius Raised (inches)	60.3	60.3
Lowered (inches)	63.7	63.7

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. In fact, **Yale is the number one selling lift truck company** in the Americas for units sold, since 1994, according to the Industrial Truck Association.

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

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

<sup>2</sup> More than 325 dealer locations in the Americas, Europe and Asia.

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

<sup>4</sup> Showing customers the most cost-effective way to buy, lease or rent the trucks they require.

<sup>5</sup> Fleet management services for more than 85,000 trucks and 28,000 trucks in our rental fleet.