

**Yale**<sup>®</sup>  
People. Products. Productivity.™

Walkie  
Low Lift Pallet



**MPB-VG**

4,500 lbs.

# As dependable as our people.

Warehouse and retail applications are about one thing: volume. And Yale can help boost yours with the redesigned walkie low lift pallet truck. Built around the user, it's exceptionally ergonomic and maneuverable. This truck is also smart. With a vast array of options and standard features, operators can move loads safely, quickly and efficiently at every stage of pallet handling. And, as with every Yale® lift truck, the Yale team comes standard. That's industry-leading support and service from a team that includes over 150 independent dealers all over the world.



# THE WALKIE LOW LIFT PALLET

## Highlights



- Smart. Inside and out.**
  - Largest handle run zone
  - Superior visibility
  - Ergonomically designed handle
  - Mid-mounted control handle
- Efficiency means productivity.**
  - Exclusive Yale Smart Lift™
  - Exclusive Yale Smart Slow Down™
  - Creep Speed
  - Enhanced maneuverability
- Smart and durable.**
  - Chip resistant drive unit cover
  - Enclosed, vertical mounted AC traction (drive) motor
  - Reinforced components
  - Tested and proven results
- Low cost of operation.**
  - Durable drive frame casting
  - Heavy duty torsion bar and linkage
  - Thickest bronze bushings available
  - Maintenance-free turntable steer bearings
- Service and parts support.**
  - World-class service
  - AC technology traction system
  - Guaranteed parts availability program
  - Easy to remove cover



# Smart. Inside and out.

A comfortable operator is a productive operator. It's why we've always engineered Yale® trucks to be operator friendly. Our walkies are no exception. From the shortened handle to the vertically mounted drive motor assembly, our intelligently designed ergonomics make our newest walkie pallet truck more comfortable and easier to operate.

## ○ Seeing is believing.

The operator interface with pallet load is crucial for a pedestrian walkie truck—an operator must be able to see the forks, place them, and enter and exit a pallet whether it's empty or loaded. Through experienced engineering and with a design built around the operator, the Yale® walkie offers superior visibility, saving time, thereby increasing productivity throughout your operation.

## ○ Work that doesn't feel like work.

The MPB-VG truck features a mid-mounted control handle placement, designed to balance the constraints of steer effort, visibility and maneuverability.

Because the tiller has a light, hold-down effort, little exertion is needed by the operator to move the handle to the run zone and easily maintain its position there.

The less energy the operator must use to steer the truck the more efficiently the pallet will be moved. That's why Yale implemented a large turntable bearing and standard rubber tire to reduce the force required to turn the steer tire.

## ○ You're in control.

The shorter, mid-mounted handle moves the operator closer to the truck, maximizing both visibility and maneuverability. The handle on the MPB-VG truck has the largest run zone in the industry, enabling it to be operated comfortably by a wide variety of operators.

The control handle has been ergonomically designed to minimize wrist movement and provide a solid grip for additional control while operating the unit in all applications, even the tightest of spaces. Lift, lower and horn push buttons are conveniently located at the operator's fingertips for easy access without having to release the hand from the grip. The butterfly throttle control provides maximum controllability when selecting direction and speed, minimizing operator fatigue.

The Creep Speed can be activated in all handle positions, throughout the run zone and in the full upright position. Being able to turn the Creep Speed on or off while operating the truck is extremely convenient when maneuvering in congested areas.





*The MPB-VG with factory installed batteries includes an operator convenience tray with large storage area. Units equipped with a 9" battery box have several convenience tray options. (9" battery box option shown.)*



*Optional aluminum control handle.*



*Handle features the largest run zone in the forklift industry.*



*Excellent visibility for the operator.*



# Efficiency means productivity.

With its small footprint, the MPB045VG is able to move pallets in and out of tight areas, so you'll have confidence no matter where you're operating. And with several exclusive productivity-enhancing features, you can move your product quickly and efficiently with minimum downtime.

## ○ Designed for performance

A stable truck instills confidence. Yale engineers targeted several areas to ensure we would have one of the most stable trucks on the market. The frame was reinforced to increase torsional stiffness. A heavy duty torsion bar and linkage were also implemented. The combination of these elements work together to reduce torsional twisting, giving the MPB-VG one of the most stable frames in the industry.

Yale designed a low-profile bumper and shortened fork tip lengths to provide a tight right angle turn for easier right angle stacking, equal aisle cornering and improved maneuverability within a trailer. Fork tips feature a tapered fork nose and blunt ends to allow for repositioning of pallets and enhanced pallet entry. The design is ideally suited for pinwheeling applications, allowing the customer to put up to 10% more pallets on each truck and reducing per pallet transportation costs.

## ○ Creep Speed control

Your Yale® walkie can utilize the Creep Speed control throughout the handle run zone. When the handle is in the **run zone** and the Creep Speed is engaged, the MPB-VG slows the speed and acceleration of the truck, giving the operator greater confidence in congested applications.

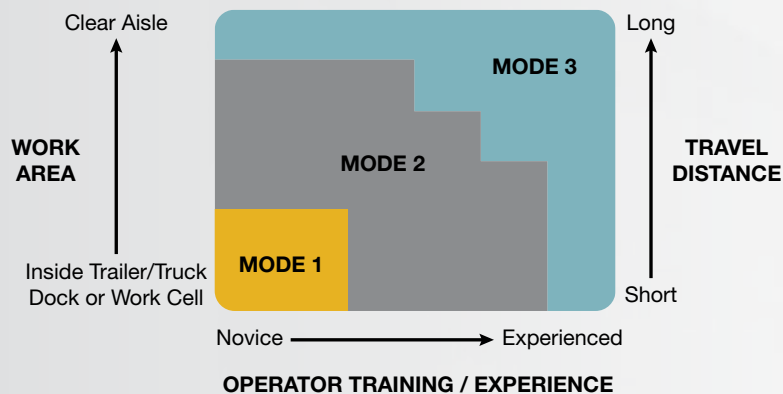
When the handle is in the **upper brake zone**, the operator can press and hold the creep speed button to maneuver the truck. This minimizes the truck profile, improving maneuverability inside trailers. Creep Speed is especially effective when the application requires pinwheeling loads.

Yale Smart Lift™ technology



## Yale® Flex Performance Technology™

The innovative Yale® Flex Performance Technology™ offers the flexibility to maximize fuel economy or productivity to match application needs. The MPB045VG series features selectable performance modes that allow customers to tailor productivity levels to the demands of their application. This feature provides operators the ability to achieve a balance of enhanced performance and superior fuel economy, or to maximize productivity during peak business periods when moving more loads is integral to the success of your operation.



**Mode 1** – new operator, inside trailer, short distances, or for improved battery life

**Mode 2** – operator with more experience, larger work area, medium runs

**Mode 3** – experienced operator, large work area, longer travel distances

## Exclusive Yale Smart Slow Down™

To further ensure that every load remains stable, the Yale® MPB-VG truck features optional Yale Smart Slow Down™ technology. When the operator turns the truck to change direction, the Yale Smart Slow Down™ feature intuitively reduces the truck's speed, assisting the operator through the corner. This enables the operator to maneuver through the warehouse with confidence—giving the MPB-VG best-in-class stability.



Yale Smart Slow Down™ sensor

## Exclusive Yale Smart Lift™

You've got to move loads—we understand that. Holding the lift button and waiting for the pallet to lift is time you don't have. That's why we created Yale Smart Lift™. It's a Yale patented feature that increases productivity by enabling the operator to begin transporting the pallet before the unit is at full lift. The MPB-VG equipped with this option will automatically lift the pallet to maximum fork height without having to continually hold the lift button. As a result of the simultaneous action of lifting and traveling, Yale Smart Lift™ can reduce cycle times by up to 25%.



Yale Smart Lift™ technology reduces cycle times.

# Smart and durable.

By designing the frame of the truck to better engage and support the pallet, Yale increased the stability of a loaded truck. Plus, integrated drive unit mounting, linkage mounting and hydraulic cylinder mounting improve durability and reliability for the life of the truck. And by combining a heavy duty steel drive frame with a highly engineered drive unit casting, the Yale® walkie offers one of the most durable drive unit frames in the industry. Additionally, the heavy duty casting replaces fabricated components. In other words, you get a more reliable truck—a truck as reliable as the company that stands behind it.

## Protected components, longer life

- The drive unit cover is comprised of a highly durable, engineered thermoplastic elastomer, which is flexible, resistant to chipping, not susceptible to rust and gives full protection of components.
- The charger is enclosed within the drive frame, protected from the harsh elements.
- The motor remains stationary during steering, protecting power cables from wear and strain.
- Enclosed, vertical mounted AC drive motor is easily accessed and is protected from splashes and debris.



## Tested and proven results

Each component of the MPB045VG walkie has been designed to provide the best quality possible. Furthermore, Yale has tested those components against competitors to make sure you're operating a durable, highly productive lift truck.

**7% less energy usage**

**43 pallets per hour**

**1 billion pounds lifted without failure**

**11% more productive when unloading trailers**

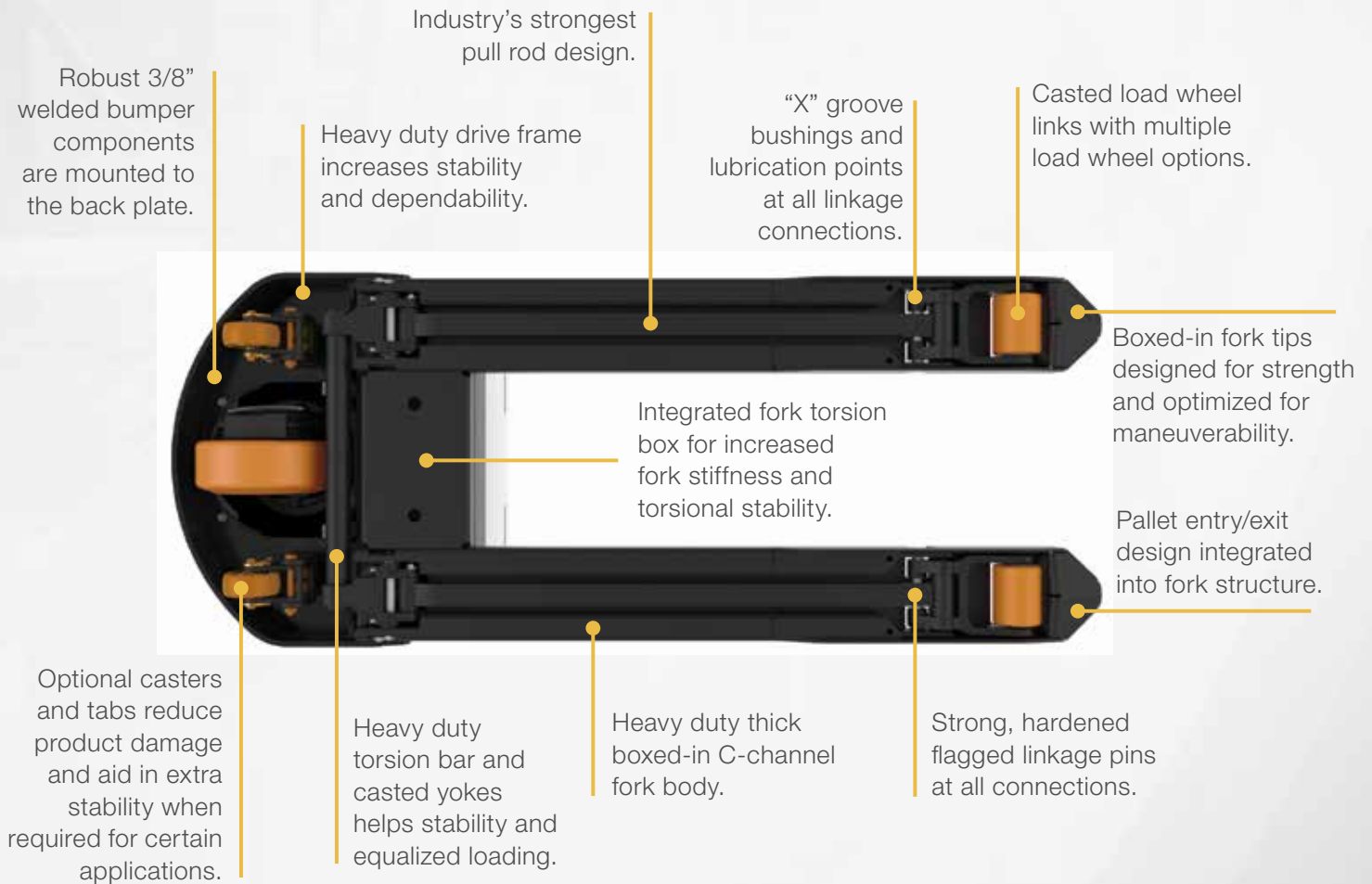
**2X thicker bushings**

**100,000+ full capacity cycles without failure**



## Reinforced components

At Yale, knowing your business is our business. We know that to stay productive, your operation needs a truck that can handle rigorous demands. Yale® walkie low lift pallet trucks work hard. Running across various surfaces, engaging pallets, stopping and starting and stopping and starting again—it's all in a day's work for your pallet jack. That's why we've strengthened every inch of our MPB-VG lift truck. From enhancing frame stability, to reinforcing our forks, to engineering the undercarriage to protect all of the truck's most critical components, we've designed the MPB-VG to be the durable solution to your application's toughest challenge.



**WALKIE**  
LOW  
LIFT PALLET

# Low cost of operation.

When your job demands a heavy duty truck, you need a truck that won't let you down. That's why we built the Yale® walkie to be one of the toughest, smartest and most reliable in the industry—and backed by one of the best teams in the industry.

## □ Engineered to keep your costs down

- Heavy duty torsion bar ensures a more uniform loading of pins and linkage rods reducing wear and tear, increasing durability and reliability, and extending life.
- The linkage rod is comprised of a uniform square bar with welded ends for maximum strength and low maintenance.
- Bushings are the thickest bronze bushings available and provide the most contact area, resulting in improved distribution of force and increased service life. The “X” groove allows for full spread of lubrication throughout bushing, minimizing wear.
- Steel drive frame enhances stability and durability, decreasing service costs and damage to loads.
- For applications where even more stability is needed, optional casters have been reinforced with heavy duty casting. Coil springs have been replaced with poly block which is more durable and resistant to corrosion, reducing cost and service requirements.
- Large, maintenance-free turntable steer bearings distribute and handle driving and steering forces better than small taper bearings, lowering cost of ownership.
- AC traction motor is maintenance-free and external speed sensor is easy to access, reducing cost of maintenance.

## □ Brushless AC technology

The MPB-VG incorporates an AC technology traction system, which means no brushes to service and no wear items. Service requirements are eliminated due to no brush wear and dust. The AC transistorized traction controller requires no periodic maintenance, reducing scheduled downtime and the cost for parts and service.



## ○ World-class service

Easy service is the hallmark of Yale® trucks, so when it comes time to service the new walkie, we've made certain you'll be back up and running faster than ever. For instance, the easy-to-remove cover provides convenient access to main components—and requires no tools. Plus, lube fittings at all major linkage points are highly accessible, ensuring easy maintenance and a longer service life. And flag pins throughout the linkage system enable pins and bushings to be easily serviced. Not to mention, an optional charge port is conveniently mounted to the front of the truck for easier access.



*Optional  
easy access  
charge port.*

## 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 helps 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.



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



# Application matched performance.

Tough applications come in all shapes and sizes. That's why Yale gives you the option of tailoring your lift truck's performance and features to best suit your job's demands. Customize speed settings and choose from a wide array of options and accessories.



## ○ Moveable load backrest

The moveable load backrest, optional on the 8-inch battery configuration only, is ideally suited for use in the beverage industry. When moving 36" and 48" pallets, the load backrest adjusts to extend further toward the fork tips. The backrest incorporates three secure points of attachment and an easy-to-use locking mechanism.

## ○ Application/environmental construction options

**Standard Construction:** Operating Temperatures: +32° F to +120° F

**Cooler/Freezer Package:** Operating Temperatures: 0° F to +120° F (Red Polyurethane Groove or Rubber Drive Tire Recommended)

**SubZero Freezer Package:** Operating Temperatures: -40° F to +120° F (Red Polyurethane Groove or Rubber Drive Tire Recommended)

**Wash Down Package:** Includes electric brake enclosure, lubrication (hydraulic freezer oil) and corrosion inhibitor on unpainted surfaces of drive wheel and drive unit. Operating Temperatures: 0° F to +120° F (Red Polyurethane Groove or Rubber Drive Tire Recommended. Stainless steel load wheel bearings recommended.)

**Heavy Corrosion Wash Down Package:** Includes galvanized frame and lift linkage, electric brake enclosure, lubrication (hydraulic freezer oil) and corrosion inhibitor on unpainted surfaces of drive wheel and drive unit. Operating Temperatures: 0° F to +120° F (Red Polyurethane Groove or Rubber Drive Tire Recommended. Stainless steel load wheel bearings recommended.)

## ○ Innovative power options

### Industry First Lithium-Ion Advanced Performance Power System

The completely sealed, maintenance free, 56 Ah lithium-ion battery 1-pack is the **first UL recognized lithium-ion pack in the walkie industry**. In addition to the 56 Ah 1-pack, a 112 Ah 2-pack and a 168 Ah 3-pack is also an available option. The lithium-ion packs have a lifespan of 5+ years, up to 5 times longer than traditional battery solutions. The longer lifespan can result in fewer battery replacements over the life of the truck. A shorter, more compact 6" battery compartment enhances the unit's performance in congested areas and tight spaces.

The cell construction design is ideal for applications where vibration or contamination issues are a concern. No equalization charge is required, and opportunity charging is performed with no negative effect. The lithium-ion battery pack comes with a 60 month/10,000 hour warranty.



*Lithium-ion battery pack*



*AGM batteries*

### Wet-Cell 4-Pack

170 aH battery pack comes with (4) 6V wet-cell batteries.

### Industrial Battery

Yale offers dealer installed 12-85-7 industrial batteries for the MPB-VG. As a result, your truck will be able to handle all the rigors of a high duty cycle application.

### AGM 4-Pack

187 aH AGM pack is by far one of the best in the industry in terms of power and life. The maintenance free option has been optimized specifically to work with our smart charger to create one of the best power options on the market.



*Wet-cell batteries*

## ○ Delivery handle option

Because Yale recognizes the unique challenges in direct store delivery applications, we designed a unique retail delivery handle option for the MPB045VG. The ergonomically designed handle gives the operator full command of the truck's functionality with the handle in the full upright position and while moving at Creep Speed. Consequently, the operator can move closer to the truck to operate in the most compact of areas, such as a retail store, crowded trailer, or on the end of a tailgate.



# The Yale experience

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 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.





## Delivering total customer satisfaction

Yale's unique relationship with our customers is a product of our total customer satisfaction commitment combined with world-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.



For more information, or to find your nearest Yale® dealer, go to [Yale.com](http://Yale.com).



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Manufactured in our own ISO 9001 and 14001 Registered Facilities

2516C - 7/2016 All trucks shown with optional equipment.