



# MP Series

**Pedestrian low lift pallet truck  
1600 – 2200kg**



# Smart

**swift and dependable.**

**The MP Series pedestrian low lift pallet truck has been designed to help you maximise the productivity of your operation.**

Designed around the needs of the operator, the MP Series offers impressive ergonomics with exceptional manoeuvrability, to work effortlessly and efficiently even in the most confined and congested areas.

It offers performance enhancing options and standard features, enabling dependable, efficient movement of loads at every stage of horizontal pallet handling.

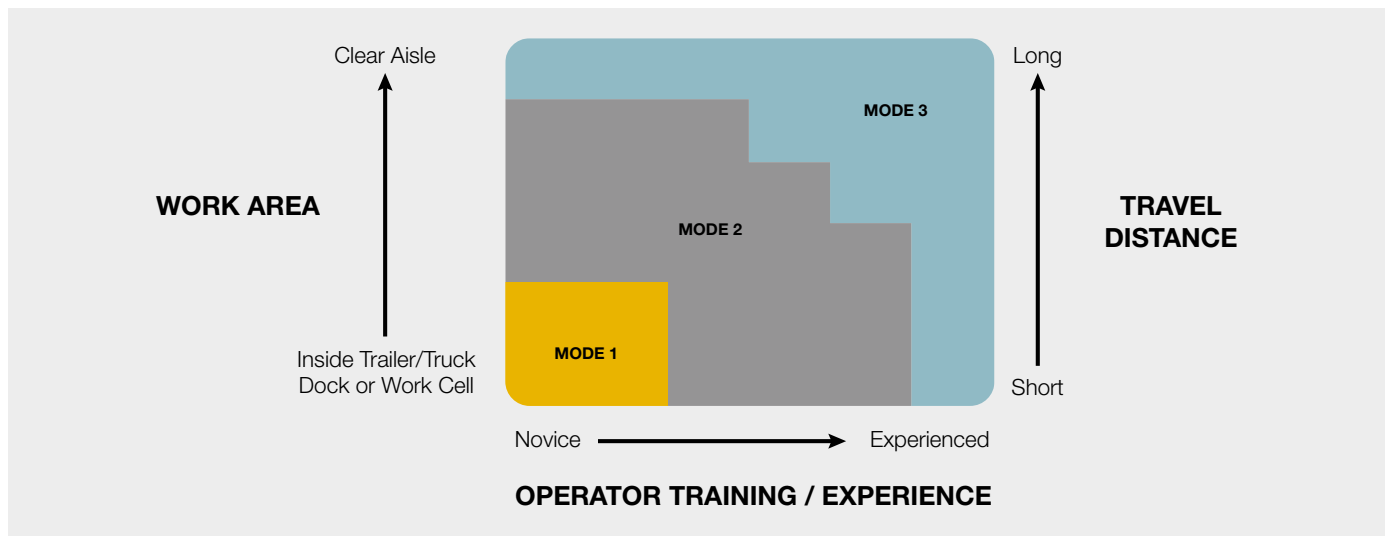
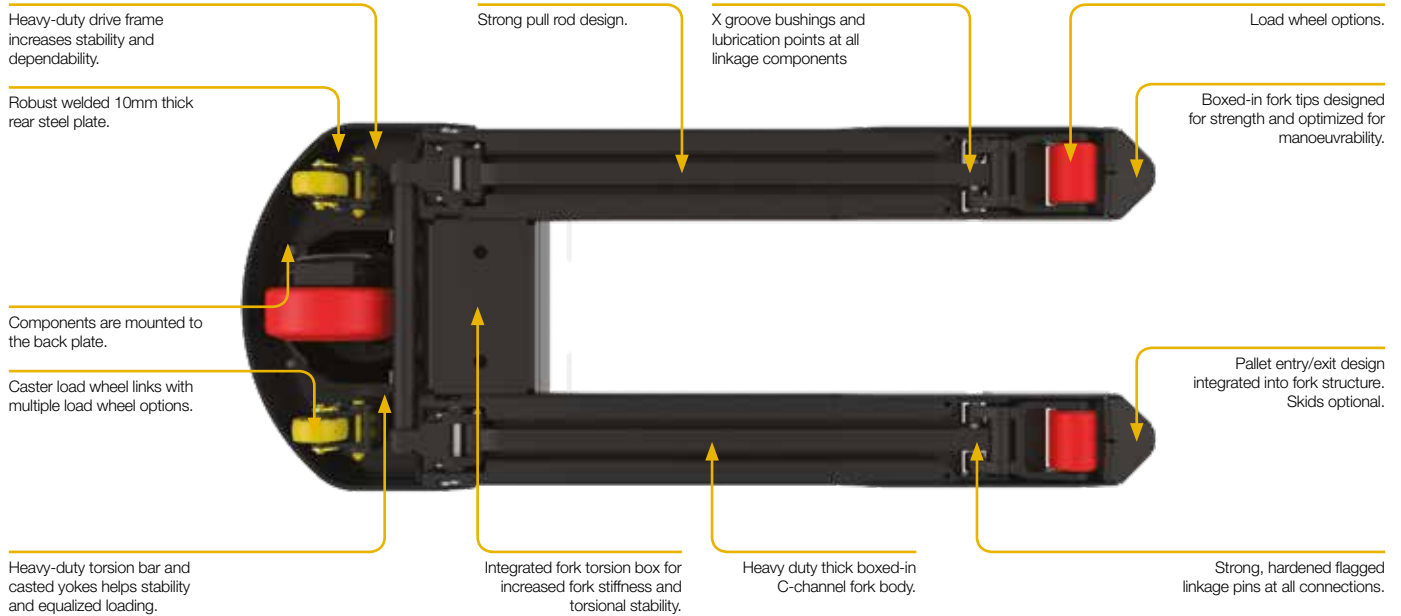
## **Tested and proven results**

**Every component of the MP Series has been designed to provide exceptional reliability.**

**Tested against equivalent competitor trucks the MP Series:**

- Is up to 11% more productive when unloading
- Uses up to 7% less energy
- Has completed 200,000 work cycles without failure
- Has lifted over 450 million kg without failure

If you want to move pallets quickly and efficiently in the most confined areas, the MP Series fits the bill perfectly with its small footprint. Full of smart performance enhancing features, the MP Series is designed to increase the overall productivity of your operation.



### Performance drive modes

Three performance drive modes are available, which allows a Yale service engineer to tailor truck performance to the specific application. Below is a guide for choosing the appropriate mode.

#### 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.

# Low lift, high productivity.

## Exclusive Yale Smart Lift™

This ingenious feature enables the operator to lift loads and start transporting the pallet before it's at full lift, eliminating the need for the operator to continually hold the lift button. As a result, cycle times can be reduced by up to 25%.

## Creep Speed control

When engaged in the tiller arm run zone, Creep Speed automatically slows the truck down. In the upper brake zone, if the operator presses and holds the creep speed button, the profile is minimised to improve manoeuvrability within trailers and containers.

## Superior visibility

The operator can see the forks, place them, enter and exit an empty or loaded pallet efficiently.

Mid-mounted tiller arm placement requires little hold-down effort, minimal exertion is required to move the tiller to the run zone and maintain its position there.

Low-profile rear steel plate and shortened fork tip lengths, provides easier right angle stacking, equal aisle cornering and improved manoeuvrability within a trailer or container.

Tapered fork noses and blunt fork tips enable easier pallet repositioning and enhanced pallet entry. Ideally suited for pin wheeling applications, increasing productivity by up to 10% and reduces per pallet transportation costs.



Yale Smart Lift™ technology reduces cycle times.

# Longer lasting durability.

**The MP Series is one of the most stable trucks around thanks to a design that better engages and supports the pallet.**

Reliability and durability is further enhanced by the integrated drive unit, linkage and hydraulic cylinder mounting. While the heavy-duty steel drive frame with a highly engineered drive unit casting make for one of the most durable drive unit frames in the industry.

## Added protection

Components are protected to provide a longer life. The drive unit cover is manufactured from a highly durable, engineered thermoplastic elastomer that is flexible and resistant to chipping and rust. The charger is built into the drive frame, protecting it from the harsh elements, while a stationary motor during steering protects power cables from wear and strain. Lastly, an enclosed vertical mounted AC drive motor not only offers ease of access, but is protected from splashes and debris.



## Harder trucks working harder

Every part of your MP Series has been strengthened to provide you with a pallet truck that can withstand the rigours of daily use in the toughest of applications. From the enhanced frame and the reinforced forks to the specially engineered undercarriage to protect the most critical components. Whatever the surfaces your trucks run over, whatever the level of pallet movements required, trust the Yale MP Series to do more.

## Performance drive modes

Yale is not just making servicing easier – we're eliminating it altogether in some places. Take our AC technology traction system, for instance. This ingenious development means there are no brushes to service, no items subjected to wear and tear, contributing to reducing service requirements significantly.

# Low lift, lower costs.

**A heavy-duty torsion bar ensures a more uniform loading of pins and linkage rods to reduce wear and tear, increase durability and extend life.**

The linkage rod itself comprises a uniform square bar with welded ends to maximise strength and lower maintenance. Bushings are the thickest available and provide maximum contact area for an improved distribution of force and increased service life.

For added stability, there's a steel drive frame that decreases service costs and load damage. If even greater stability is required, casters with reinforced heavy-duty castings are available as standard.

## **Battery power options**

The MP Series offers various choices of battery compartment sizes, and power alternatives to meet every application need. On-board chassis mounted Smart chargers are available for convenient recharging. The power cord simply has to be plugged into the battery charge port and outlet. The charger automatically prevents the truck from being operated.

## **Saving energy, effort and time**

Steering a pallet truck has never been easier. Because the mid-mounted tiller arm placement requires little hold-down effort, minimal exertion is required to move the tiller to the run zone and maintain its position there. With its large turntable bearing and standard poly drive tyre, less effort is required to steer and turn, enabling a more efficient pallet movement.

## **Complete control**

The tiller arm on the MP Series has a large run zone, making it ideal for a wide variety of operations. It also provides improved visibility and manoeuvrability.

An array of features are included to add to the comfort of the operator and reduce levels of fatigue. The tiller arm, for instance, has been designed to minimise wrist movement at the same time as offering additional control in the tightest of spaces. While the lift, lower and horn push buttons are all very conveniently located at the operator's fingertips. Last but not least, the butterfly control offers effortless changes in direction and speed.



Battery side extraction available on MP 18-22 kg models.



Tiller arm with large run zone.

# More options.

Yale gives you the option of not only tailoring your lift trucks performance and features to best suit your application demands, but to also choose from an extensive range of options including:

- Smart Slow Down™
- Smart Lift™
- Cold store specification to -30°C
- Key pad start
- Lateral battery extraction – MP18 -22
- Different battery compartments
- Battery cable extension
- Load backrest
- Different fork lengths to suit your application
- 520mm, 560mm or 670mm overall fork width
- Tophane and Vulkollan drive tyres
- Tandem polyurethane load wheels
- Audible alarm
- 36 months/6000 hours extended warranty



**The Noise Reduction option allows the truck to operate at night when noise levels must be kept low, typically below 60dB(A).**

This option is designed for use in a range of industries such as retail, food, beverage and logistics environments in and around residential areas, for when quiet operation is required.

**A number of adaptations have been made to reduce the noise produced by the truck including:**

- Hydraulic pump noise isolation
- Open cell foam added to reduce noise propagation outside of the motor compartment
- Clamp added to prevent battery movement
- Removal of metal-to-metal contact points
- Triple roller assembly and fork frame modifications
- Softer drive tyre

Available for the MP16-18 range of pedestrian pallet trucks, the option has successfully passed the tests performed by an independent authority and the official Piek label identifies the truck as certified.



Triple roller assembly.



Foam padding on metal-to-metal surfaces.



Open cell foam in motor compartment.



Foam padding on motor cover.



Piek certification.

# Precision control tiller head option for the pedestrian pallet truck.

## Yale offers an optional precision control tiller head feature for the MP16-22 pedestrian pallet truck.

This handle design offers greater control when operating in congested aisles or trailer, thus providing the right truck for the right application.

### Benefits

- Auxiliary traction control and lift/lower buttons provide operators full command of the truck's functionality when the handle is in the upright position
- With the handle in this position the truck can be operated in a very compact configuration for maximum manoeuvrability as well as visibility



## Features



### Throttle switch

- Throttle actuators allow for multiple hand positions
- Proportional speed control in both directions

### Reverse button

- Red traction reverse button positioned at the leading edge at the end of the handle

### Handle

- Specifically designed to allow the operator to use the truck with the handle in the full upright position
- The operator's hands are ergonomically positioned and protected by the handle, to easily steer and manoeuvre the truck in tight spaces
- The traction activation switch is a comfortable rocking action that provides variable traction input in both directions
- Effective operation in all positions no matter which side of the truck the operator is standing

# About Yale<sup>®</sup>



Yale is a leading global manufacturer and supplier of high-quality counterbalance forklift trucks, warehouse equipment and fleet solutions. 'People, products and productivity' sums up our approach to the materials handling business. With over 140 years' experience, we are proud of our reputation as an innovative, forward-thinking manufacturer.

Yale dealerships provide flexible truck servicing solutions and are linked to one of the industry's most sophisticated parts distribution operations. You'll find support for Yale forklifts throughout the EMEA region – provided by a big regional footprint stretching through Europe, Middle East and Africa.

## Materials handling for:



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Beverages



Chemical



Construction



Food



Logistics



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Retail



Wood

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