



M0 Series

5,500 - 8,000 lb

Low-Level Order Picker

Take order picking to a new level.

When it comes to horizontal and multi-level order picking, the Yale® M055-80 takes productivity and ergonomics to greater heights. Its enhanced performance and maneuverability enables warehouses to deploy more efficient slotting strategies that increase SKU capacity and reduce travel times – all while using less space.

The MO Series can be adjusted to the needs of operators and specific applications, supporting comfort and efficiency in a variety of workflows and storage layouts. It's your solution for more productive, cost effective order picking.



Ergonomics – Operator compartment optimized with power steering, ergonomic layout and adjustable features help keep operators comfortable and productive all shift long.



Productivity – Proven AC motor technology with adjustable acceleration, travel and braking speeds and an available rising operator platform take productivity to the next level.



Cost of operation – Adjustable performance settings, an integrated control system and regenerative braking optimize efficiency and help reduce overall cost of operation.



Dependability & serviceability – Heavy-duty design built for long-term reliability, with easy-open hood and single-point diagnostics to streamline service requirements.



M055

(shown with rising operator platform option)

M060

M080



DID YOU KNOW?

Best-in-class operations, on average, utilize 90% of available warehouse space.* Optimizing slotting strategies to maximize storage density and equipping operators with the right equipment can help businesses respond to shifting business conditions and control costs.

** 2020 WERC DC Measures Report*

Push productivity in the right direction.

The M0 Series leverages the capabilities of a conventional pick vehicle with the speed and efficiency of a pallet truck. The innovative raising platform option provides operators access to a greater vertical picking range, enabling operations to store more product and pick faster without additional pick zones and travel time.

In addition to order picking in intensive and high throughput warehouse operations, the M055-80 is versatile enough for a wide range of tasks including cross docking and load shuttling.

MULTI-LEVEL ACCESS* – Operators can easily access the 6 to 10-foot strike zone without stretching and straining, enabling high-density slotting strategies to increase capacity and minimize the need to travel between picks

ENERGY EFFICIENT – The dual technology combi-controller and AC traction motor enable full capacity loads to be moved without an increase in energy consumption

TRAVEL SPEED – Speeds up to 8 mph help limit travel time between docking and picking

ADJUSTABLE PERFORMANCE SETTINGS – Customize truck acceleration, travel speed and braking to match the needs of the application and operator

* Requires rising operator platform option





DID YOU KNOW?

Travel time consumes up to 70% of the total order picking process.* There's no question you need to be as efficient as possible to keep costs down.

** SupplyChain247 - Travel time is the key to lowering labor costs in your DC*

Since order picking accounts for the majority of a typical warehouse's operating costs, how do you optimize your process? The secret may lie in reducing travel time. Usually operators are required to travel the whole pick path to complete one order and use multiple trucks - a pallet truck to access first-level product and a high-level order picker to access the second level.

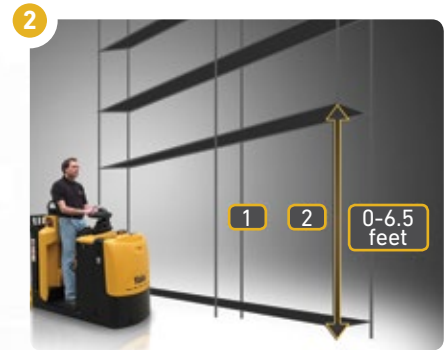
A low-level order picker can help reduce the need for multiple pick vehicles and save time otherwise lost to switching equipment and traveling between pick locations.

By slotting fast moving products in the 0 to 6.5-foot range and reserving the 6.5 to 10-foot range for slow movers and storage, warehouses can store more SKUs in the same space and greatly enhance efficiency. A single MO Series lift truck can access all slots in the bay, eliminating the need for a merge process.



2 SLOTS PER BAY

The conventional configuration, using a traditional slotting profile and rider pallet truck, is limited to 6 feet at floor level.



6 SLOTS PER BAY

Multi-level order selector with reconfigured slot design provides access to the 6.5 to 10-foot strike zone for a 200% increase in pick slot capacity over a conventional configuration.



8 SLOTS PER BAY

Flexible slotting strategies enabled by the MO Series allows for virtually limitless configurations, including an 8-slot design for a 300% increase in pick slot capacity over a conventional configuration.



Increase operator comfort and confidence.

The Yale M055-80 is specifically designed to provide a comfortable working environment for warehouse picking operators. These combined ergonomic features can help reduce fatigue, increasing operator productivity and operational efficiency.



1 COAST CONTROL – Slow-speed forward and reverse buttons on both sides of the backrest allow the operator to advance the truck to the next location while walking alongside it. This eliminates the need for operators to climb back onto the truck, helping reduce fatigue and improve efficiency.



2 OPERATOR COMPARTMENT – The low step height of just 6 inches provides easy on/off access, while the floor compartment area accommodates large steel-toed boots. A high backrest that is soft to the touch and contoured, allows the operator to locate the most comfortable operating position.



3 CONTROL HANDLE– Fingertip control reduces arm movement required to change direction, helping reduce fatigue and allows the operator to remain within the truck footprint at all times for protection. The wrap-around design keeps the operator's hands within the interior perimeter of the handle and the large control buttons are conveniently positioned to help reduce repetitive movement.



4 OPERATOR PLATFORM – The suspended platform helps increase operator comfort and allows easier pass through to optimize picking from both sides of the truck. The operator sensing floor mat covers the entire platform area to detect when the operator is on board. The optional lifting platform is foot controlled to facilitate ground and second level picking, reducing the distance the operator must reach when picking from rack to pallet.

Designed for demanding applications

POWERFUL MOTOR – The powerful AC traction motor with built-in thermal protection is fully enclosed for protection against damage and debris. Travel speeds up to 8 mph, high performance acceleration and braking make the MO Series well suited for stop-and-go applications

EASY SERVICE ACCESS – The one-piece, durable polymer covers can be easily removed for quick access to all components. This allows service and maintenance to be carried out with minimal downtime

TROUBLE-FREE CONNECTORS AND SENSORS – Double sealed IP65 industrial wire harness connectors provide reliable operation, long life and trouble-free service. Non-contact hall effect sensors deliver reliable, dependable operation, reducing the high maintenance associated with potentiometers

DURABLE FORKS – The robust design of the fork system helps reduce stress and improve overall durability. The heavy-duty pull rod and load wheel axle helps long-term reliability

RELIABLE FRAME – The industrial grade design, helps achieve long-term reliability and durability. A sturdy wrap-around bumper plate protects the truck and internal components against impacts and damage and minimizes repair costs

COLD STORE OPTION – A cold store option is available to operate in temperatures as low as -22°F (-30°C)



POWER STEERING – Fully adjustable fly-by-wire power steering helps reduce steering effort by up to 90% by varying the amount of resistance based on the control handle position, steer tire angle and truck travel speed.



About Yale®



Yale Materials Handling Corporation is one of the oldest manufacturers of lift trucks in the world. We've been in the business of lifting since 1875 and we apply that experience to help customers solve materials handling challenges. Our full line of lift trucks range in capacity from 2,000 to 36,000 pounds and are powered by internal combustion engines or electric options. Yale also offers robotic solutions, telemetry, fleet management, parts, financing and training. From traditional lift truck equipment to emerging technologies, our goal, every day, is to work with our nationwide dealer network to continually improve and provide the solutions you need, when and how you need them.

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Trucks may be shown with optional equipment. Truck performance may be affected by the condition of the vehicle, how it is equipped and the application. Specifications are subject to change without notice. Consult your Yale® Dealer if any of the information shown is critical to your application.

CERTIFICATION: Yale lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Classified by Underwriters' Laboratories, Inc.