



M0 Series

10,000 - 15,000 lb

Tow Tractor

Pull the weight of your operation.

Designed for a wide range of applications in warehouses and manufacturing facilities, the Yale® MO100-150T tow tractor is a powerful solution to efficiently move product through your operation. With a jaw-dropping 10,000-15,000-pound towing capacity, it provides a reliable solution for jobs like multi-level order picking and both short- and long-range horizontal transport.



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.



MO100-150T
(shown with rising operator platform option)



DID YOU KNOW?

Best-in-class operations, on average, deliver more than 99.7% of orders on time* On-time deliveries start inside the four walls, with the right equipment keeping goods moving efficiently through warehousing and production processes.

** 2021 WERC DC Measures Report*

Equip operators for elite performance.

The Yale M0100-150T is specifically designed to provide a comfortable working environment for operators picking orders, towing products or feeding lines in just-in-time workflows. 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, helping the operator 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.





5



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.

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Reach for new levels of productivity.

The M0 Series leverages the capabilities of a conventional tow vehicle with an innovative, raising platform option that lifts operators for efficient access to a greater vertical picking range. This capability enables operations to store more product and pick faster without additional pick zones and travel time.

MULTI-LEVEL ACCESS* – Operators can easily access the 6 to 10-foot strike zone without stretching and straining which helps increase picking efficiency

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 7 mph help limit travel time between runs

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

* Requires raising operator platform option





DID YOU KNOW?

50% of warehouse leaders surveyed identified labor performance as one of their largest picking and fulfillment issues.* You need to optimize labor productivity to keep up with demand.

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



Built for the toughest applications

High-throughput warehouse applications require a truck that has the stamina to keep up. The MO Series provides reliable power and simple maintenance in equal measures.

POWERFUL MOTOR – The powerful high thermal capacity AC traction motor with built-in thermal protection is fully enclosed for protection against damage and debris. Travel speeds up to 7 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 are retained by two easily removed screws providing quick and easy 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

RELIABLE FRAME – The M0100-150T frame utilizes industrial grade design, helping 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 storage option is available to operate in temperatures as low as -22°F (-30°C)

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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Distribution



Food
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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.