

**MTR005-E • MTR007-E**  
**Worksaver Tow Tractor**  
700 – 1,000 lbs dbp



*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™

Replacement Parts

Operator Training

**Yale**®



# Exceptionally hard working

*Truck shown with optional equipment*

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 leader. Both the MTR005-E and the new MTR007-E excel in low level order picking and horizontal transportation.

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 MTR005-E and the MTR007-E for the biggest advantage of all: They're from Yale...

the market leader.

**Yale**

# OPTIMUM operator comfort

# Intelligent ergonomics

## Ergonomic Highlights

Steering column has three tilt positions and locks forward for battery removal

Narrow width 17" handle is standard

Full rotary grip handle allows the operator to maintain full control of direction and speed

Conveniently located brake levers mounted on the control handle

Large horn button

Spacious operator compartment

Convenient "rabbit" speed floor switch

Removable, thick cushioned floormat

Cushioned knee and backpads

Low step height

Large trail wheels for smooth ride

## Ergonomic Options

Premium 3" thick backpad includes integral armrest

Wide grip 25" handle

Battery mounted convenience tray

Pick assist control handle

*The optional pick assist control handle is featured and is ideal for high throughput case picking operations. The easily activated system allows an operator to move the truck down an aisle while picking and building a load without having to get on and off the truck.*

*Trucks shown with optional equipment*

*Using innovative materials and operator-focused design, Yale engineers created an ergonomically designed operator's compartment. The compartment is designed for productivity with state-of-the-art technology, advanced engineering, solid construction, ergonomic operator controls and greater operator comfort.*

*Applying best-in-class ergonomics, the Yale MTR005-E and MTR007-E help you get the job done by reducing operator fatigue and improving productivity.*



*The vertically adjustable control handle design provides full control of travel, steering and horn while allowing optimum maneuverability.*



*The spacious operator's compartment features a convenient floor-mounted switch for "rabbit" speed. A removable, cushioned floormat and cushioned knee and back pads create a comfortable operator workspace.*



# ULTIMATE performance

# Ultimate productivity

## Performance Highlights

24 volt standard

Robotically welded steel frame

Two-stage brake is applied by squeezing the brake levers mounted on the control handle

Electric park brake switch is conveniently located on the cowl

Separately Excited Motor (SEM) technology for enhanced performance

Auto Deceleration System

Class H insulation on traction motor provides maximum thermal protection

Automatic latching, manually released jaw type coupler

Convenient "rabbit" speed floor switch

Electronic horn

## Performance Options

Cold storage/freezer packages

Pick assist control handle

Pin type coupler

Severe freezer/corrosion/food packages on the MTR007-E

Underwriters' Laboratories type "EE" construction on the MTR007-E

*Performance and productivity are built into every Yale truck. The MTR005-E and MTR007-E are no exception. From their Separately Excited Motor (SEM) traction control technology and Auto Deceleration System, to their stationary traction motor, these trucks deliver state-of-the art technology that adds up to reliable performance.*

*What's more, with their robotically welded steel frame and proven gearbox design, everything about these trucks makes them a leader in tractor/tugger 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.*

*The Auto Deceleration System reduces the need to manually apply a service brake for slow down. The operator simply returns the throttle control towards neutral for a controlled deceleration reducing fatigue and enhancing productivity. Two stage braking is activated by squeezing the brake levers mounted on the control handle.*

*Trucks shown with optional equipment*



*The standard coupler is an automatic latching, manually released jaw-type coupler. The tow height is adjustable between 7.4" and 12.6" from the floor.*



*The MTR electrical system has been designed using a Separately Excited Motor (SEM) in conjunction with an advanced transistorized controller to enhance truck performance and reliability*



**SUPERBLY** designed

# Yale Gold service

## Service Highlights

Designed for minimal troubleshooting and repair time

On-board diagnostics

Hall Effect speed control sensor eliminates the use of potentiometers, therefore reducing wear and adjustment

Fused traction controller

Stationary traction motor eliminates cable flex

Metal Oxide Semiconductor Field Effect Transistor (MOSFET) traction controller with self-diagnostics

Drive unit features integral steer bearings that are lubricated in the drive unit oil bath

Electrically released, spring applied, electro-mechanical parking brake

Drive axle seal string guard reduces potential damage from string, shrink-wrap or banding tape

8" x 5" trail wheels smoothly traverse expansion cracks

Solid-state electronic horn

## Service Options

Multi-function display with BDI, hour meter and status code readout

Diagnostic handset

Removable battery rollers

*Service technicians can utilize a handset to customize performance parameters as well as perform diagnostics. Stationary SEM traction motor eliminates directional contactors and flexing of power cables.*

*Trucks shown with optional equipment*

*Not only are the MTR005-E and MTR007-E designed to require less maintenance, they're also designed to be extremely easy to service.*

*From the easy to remove compartment cover, to easy access to components, 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.*



*The steering column has three tilt positions and locks forward for convenient battery removal.*



*Battery rollers with provisions from both sides are available as an option. The spring-loaded shaft design allows for easy removal and replacement of battery rollers. The roller height from the floor to the top of the roller is 10.3".*



# Key Features

- ❑ Rugged control handle design
- ❑ Maximum operator workspace
- ❑ Removable, thick cushioned floormat
- ❑ Cushioned knee and back pads
- ❑ Large trail wheels for smooth ride
- ❑ Separately Excited Motor (SEM) Technology
- ❑ MOSFET traction controller
- ❑ Robotically welded frame
- ❑ Rugged steel bumper
- ❑ On board diagnostics
- ❑ Hall Effect speed control sensor
- ❑ Easy to service

| Model   | MTR005-E  | MTR007-E   |
|---|-----------|------------|
| <i>Performance Specifications:</i>            |           |            |
| Travel Speed Empty/Loaded ( mph)              | 7.8/4.4 * | 8.4/4.2 ** |
| Drawbar Pull Capacity (lbs.)                  | 700       | 1000       |
| Rolling Load Capacity (lbs) ***               | 10,000    | 15,000     |
| <i>Dimensions &amp; Weights:</i>              |           |            |
| Wheelbase (inches)                            | 37.1      | 39.2       |
| Overall Length (includes coupler) (inches)    | 69.3      | 71.3       |
| Chassis Length (inches)                       | 58.3      | 60.3       |
| Outside Turning Radius Narrow Handle (inches) | 49.2      | 51.9       |
| Steer Handle Radius Narrow Handle (inches)    | 19.8      | 21.6       |

Note: \* 200 lb drawbar pull (normal)  
 \*\* 300 lb drawbar pull (normal)  
 \*\*\* Typical capacity based on level grade and tow trailers with solid compound tires

See Yale truck specification sheets for additional data. For a complete listing of truck options, contact your local Authorized Yale Dealer.



Trucks shown with optional equipment

Manufactured in our own ISO 9002 Registered Facilities

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**Yale Materials Handling Corporation**

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