

Robotic tow tractor

MO70T

15,000 lb



ROI

Less than 2 years for two to three shift operations

Flexible deployment

Runs with zero, partial or full integration with facility warehouse management systems (WMS)

Scalable

Has the ability to take on small tasks and expand as operational requirements grow

Augmenting labor

Allows people to focus on value added tasks, and robotic lift trucks on repetitive, low value added tasks

Yale®
People. Products. Productivity.™

Robotic tow tractor



The Robotic Tow Tractor offers an autonomous solution specifically for long, repetitive tasks such as milk runs and garbage hauls with a 15,000 pound capacity rating. Tasks that typically lead to higher operator turnover, you can now retain talent by automating these mundane repetitive tasks and promote your skilled operators to more engaging, value-added tasks.



Dual-mode operation

With the touch of a button, the truck goes into manual mode, allowing the operator to take control



Full-scale production

Take advantage of a fully developed offering, currently operating in distribution centers—not a conceptual pilot program



Infrastructure-free navigation

Integrates into existing operations by mapping structural features to self-locate and navigate; does not require tape, wires or magnets for guidance



Single source service

Our certified Yale® Dealers are trained to service both manual and robotic lift trucks enabling a single source provider for your entire fleet.

General Specifications*

GENERAL		MO70T	
Model			MO70T
Rated capacity	lb		15,000
Power type			Electric 24 volt
Operation type			Stand (manual)
DIMENSIONS			
Outside turning radius	in.		11'6"
Vertical clearance	ft./in.		8'3"
Travel path width (one-way traffic)	ft./in.		6'5" (minimum)
Travel path width (two-way traffic)	ft./in.		11'2" (minimum)
PERFORMANCE			
Travel speed (manual)	mph		8.1
Travel speed (robotic)	mph		4.5
Travel direction (manual)			Forward and reverse
Travel direction (robotic)			Forward only
Hitching to cart			Auto-hitching and auto-unhitching
Ramp elevation			Inclines/declines <3%
BATTERY			
Power source			Lead-acid, lithium-ion, or hydrogen fuel cells
Battery charging method			Auto Charge available for certain power sources
Battery compartment	in.		31.2" x 14.1" x 32"

* Please refer to the MO70T (base truck) specifications sheet for additional details

For questions about Yale® robotic lift trucks contact roboticsupport@yale.com or call (844) 337-1645



YALE MATERIALS HANDLING CORPORATION • P.O. Box 7367, Greenville, NC 27835-7367