



MC 10-15

SPEC SHEET

Robotic counterbalanced
stacker

2,200-2,750 lbs.

Robotic CB stacker

The robotic counterbalanced stacker offers an automous solution for both your horizontal and vertical transport needs with a capacity rating ranging from 2,200 to 2,750 pounds. By automating these needs, you can reduce your ongoing labor challenges and avoidable damages to your product, facility and lift trucks.

MC10

MC12

MC15



DUAL-MODE OPERATION

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



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.



FULL-SCALE PRODUCTION

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

→ 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.

GENERAL SPECIFICATIONS*

		MC10	MC12	MC15	
GENERAL	Model				
	Rated capacity (at 64" @ 24" LC)	lb.	2,200	2,645	2,750
	Power type		Electric 24 volt		
DIMENSIONS	Outside turning radius	in.	147.75	159.5	171.5
	Max lift height (robotic)	in.	146.25		
	Vertical clearance	ft.	92.5		
	Travel path width (one-way traffic) ¹	in.	80		
	Travel path width (two-way traffic) ¹	in.	140		
	Right angle stack ²	in.	158	164	170
PERFORMANCE	Travel speed (manual)	mph	4.5		
	Travel speed (robotic)	mph	4.5		
	Travel direction		Forward and reverse		
	Ramp elevation		<3% incline/decline		
BATTERY	Power source		Lead-acid, lithium-ion, or hydrogen fuel cells		
	Battery charging method		Auto Charge available for certain power sources		
	Battery compartment	in.	26.1 x 10.2 x 32.0		

¹ carrying 40" x 48" pallet @ 4.5 mph

² carrying 40" x 48" pallet

* Please refer to the MC10-15 (base truck) specifications sheet for additional details

CERTIFICATION: Hyster 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. Certification of compliance with the applicable ANSI standards appears on the lift truck. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature and condition of the operating area. Specifications are subject to change and the proposed application should be discussed with your authorized Hyster Company dealer.

NOTE: Above specifications, unless otherwise listed, are for a standard unladen truck without optional equipment.



About Yale



Yale Lift Truck Technologies leverages over a century of material handling experience and substantial investment in innovation to bring the most advanced technology-driven lift truck solutions to market. The company offers a full line of award-winning lift trucks, including reach trucks, order pickers, turret trucks, pallet jacks and trucks, pallet stackers, tow tractors and counterbalanced forklifts, as well as powerful operator assist solutions, proven robotics and a wide range of power sources to help customers adapt to today's demanding supply chain. Yale and its independent dealer network support these solutions with comprehensive after-sales service, parts, financing and training.

MATERIALS HANDLING FOR:

Third-party logistics (3PL)

Auto parts distribution

Beverage

Cold & frozen foods

Food distribution

Food processing

Furniture & furnishings

Government

Health & pharma

Home centers & durables

Retail & e-commerce

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For questions about Yale® robotic lift trucks,
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www.yale.com/robotics



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Trucks may be shown with optional equipment and/or features not available in all regions. 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.