



NDR 035EB

SPEC SHEET

Robotic
reach truck

3,500 lbs.

Robotic reach truck

NDR035EB

The dual-mode, pantograph robotic reach truck from Yale is the first of its kind, capable of autonomously storing and retrieving loads from locations over 30 feet high to maximize vertical storage space and address labor shortages. The robotic solution can service double-deep pallet storage and offers a 3,500 pound capacity rating, ideal for distribution centers challenged with inventory growth.



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.



DOUBLE-DEEP REACH PRECISION

Capable of exceeding the productivity of operator-driven trucks at great heights.



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*

GENERAL		Model		NDR035EB	
GENERAL	Rated capacity	lb.	3,500		
	Reach	Single/Double			
	Power type - Electric, Diesel, LPG	Electric 36 volt			
	Operator type	Side stance (required for dual-mode)			
	Mast	All standard 3 stage FFL masts available			
DIMENSIONS	Basearm OEC	in.	34-39.5" (1 inch increments)		
	Travel path (one-way traffic)	ft./in.	8'7" (minimum)		
	Travel path (two-way traffic)	ft./in.	15'6" (minimum)		
	Right angle stack (single deep)	ft./in.	10'8" (minimum)		
	Right angle stack (double deep)	ft./in.	11'2" (minimum)		
PERF.	Travel speed (manual mode) - empty	mph	7.4		
	Travel speed (robotic mode) - empty	mph	4.5		
	Steering	Automotive or reverse steering available			
WHEELS & TIRES	Caster configuration	Non-steered cast only			
POWER	Power source	Lead-acid, lithium-ion, or hydrogen fuel cells			
	Battery charging method	Auto Charge available for certain power sources			
	Battery compartment 21.25"	in.	39.0 L x 21.5 W x 31.5 H		

* Please refer to the NDR035EB (base truck) specifications sheet for additional details



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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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.