

Robotic reach

NDR035EB

3,500 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



Robotic reach

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



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



Double-deep reach precision

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

GENERAL SPECIFICATIONS*

GENERAL	Model		NDR035EB
	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)
PERFORMANCE	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"	L x W x H in.	39.0" x 21.5" x 31.5"

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

For questions about Yale® robotic lift trucks contact robotics@yale.com or call (844) 984-1758



www.YaleRobotics.com