

# N35ZDR2

---



## ROBOTIC REACH PRODUCT TECHNICAL GUIDE



Hyster robotic solutions help optimize workflow, provide flexibility and help achieve significant cost savings. Our robotic vehicles are available in dual mode (manual and automatic) and require no added infrastructure, providing easy integration into your existing operations. Hyster robotic vehicles are programmed to perform repetitive, non-value added tasks so that current employees can be elevated to more rewarding jobs, helping to avoid high turnover, absenteeism and new employee training.

## ROBOTIC REACH / N35ZDR2 / 3500 LB

- Double-deep reach capabilities
- Deposit or remove pallets from as high as 30 feet
- Maximize vertical storage space
- Ideal fit for distribution centers



### ROBOTICS

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



### INFRASTRUCTURE FREE NAVIGATION

Integrates into existing operations by mapping structural features to self-locate and navigate; does not require laser reflectors, guide wire or magnets.



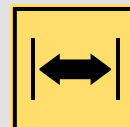
### RAPID DEPLOYMENT

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



### FLEXIBLE

Can switch to manual mode with the touch of a button, helping accommodate changing operational needs.



### SCALABLE

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

# SPECIFICATIONS

GENERAL	Model		N35ZDR2
	Rated capacity	lb	3,500
	Reach		Single/Double
	Power type		Electric 36 volt
	Operator type		Side stance (manual)
	Mast		All standard 3 stage FFL masts available
DIMENSIONS	Max. lift height	in	401
	Basearm OEC	in	34-39.5 (1 inch increments)
	Travel path width (one-way traffic)	in	103 (minimum)
	Travel path width (two-way traffic)	in	186 (minimum)
	Right angle stack (single deep)	in	128 (minimum)
	Right angle stack (double deep)	in	134 (minimum)
PERFORMANCE	Travel speed (manual mode) - empty	mph	7.4
	Travel speed (robotic mode) - empty	mph	4.5
	Ramp elevation		<3% incline/decline
	Steering		Automotive or reverse steering available
WHL	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

\*Refer to the N35ZDR2 (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. Classified by Underwriters' Laboratories, Inc.





Hyster Company  
P.O. Box 7006, Greenville, North Carolina 27835-7006

Visit us at [www.hyster.com/robotics](http://www.hyster.com/robotics)  
For questions about Hyster Robotics contact [robotics@hyster.com](mailto:robotics@hyster.com)

© Hyster Company. 2024, all rights reserved. Hyster and  are trademarks of Hyster-Yale Group, Inc.

Hyster products are subject to change without notice. Trucks may be shown with optional equipment and/or features not available in all regions.