



HYSTER REACTION [od]

ADVANCED TECHNOLOGY FOR OPERATOR AWARENESS



Hyster Reaction™ is an industry-first technology package that helps reinforce lift truck operating best practices, tailored to the complexity of demanding, fast-paced indoor lift truck environments.

Hyster Reaction **Advanced Dynamic Stability (ADS)** continuously monitors the combined center of gravity of the lift truck and the load it carries to automatically apply carefully measured performance adjustments to avoid abrupt shifts or jerks that can upset stability.

Combined with ADS, **Object Detection (OD)** detects objects when traveling forks trailing. The system is governed at a maximum speed:

- Class 1 sit-down counterbalanced: 5.5 mph forks trailing and 8 mph forks leading
- Class 13-wheel stand: 5 mph forks trailing and leading
- Class 2/3: 5 mph forks trailing and leading

When the system is active, it will bring the vehicle to a controlled crawl speed of 1.5 mph. Utilizing speed requirements helps improve operator and pedestrian awareness while keeping the operator in control of the lift truck.

BENEFICIAL USE CASES



Advanced Dynamic Stability (traction & hydraulic controls)

- Adaptive speed controls
- Adaptive fork & load controls



Collision Avoidance Assist (within the path of travel with forks trailing*)

- Truck-to-truck assist
- Truck-to-object assist
- Truck-to-pedestrian assist

*Hyster Tracker™ Wireless Monitoring (Level 1) is required when ordering Hyster Reaction.
VNA does not utilize ADS, but utilizes the existing truck control systems for stability control.*

** VNA object detection is forks leading and trailing*

VISIT US AT [HYSTER.COM](https://www.hyster.com) OR EMAIL REACTION@HYSTER.COM TO LEARN MORE.



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Hyster Reaction **Advanced Dynamic Stability (ADS)** continuously monitors the combined center of gravity of the lift truck and the load it carries to automatically apply carefully measured performance adjustments to avoid abrupt shifts or jerks that can upset stability.

Combined with ADS, **Proximity Detection (PD)** provides 360° detection of other trucks and badged pedestrians. The system is governed at a maximum speed of 5 mph; when the system is active, it will bring the vehicle to a controlled crawl speed of 1.5 mph. Utilizing speed requirements helps improve operator and pedestrian awareness while keeping the operator in control of the lift truck.

BENEFICIAL USE CASES



Advanced Dynamic Stability (traction & hydraulic controls)

- Adaptive speed controls
- Adaptive fork & load controls



Proximity Detection (360° field of view)

- Truck-to-truck assist
- Truck-to-pedestrian assist
- Truck-to-beacon assist

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