CAUTOMATION

AZA

CALL OF THE AVE

TWA Reach

Fully Autonomous Reach Truck Solution

The only autonomous solution with **SHARED AUTONOMY** for single deep racking configurations.

The Third Wave Automation Reach is a fully automated reach truck solution. It can operate in 10ft+ aisles up to 366 inches high in base configurations without requiring significant changes to infrastructure or operations. The automated truck works alongside warehouse teams and utilizes TWA's Core automation technology and Shared Autonomy Platform[™] to enable remote operation, remote assistance, fleet management, and continuous learning capabilities.



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Shared Autonomy Enabled Reach Truck

SPECIFICATIONS

	Spec	Description
GENERAL	Load capacity & rack height	4,000 lbs max payload and 360" top beam (366" mast) 4,000 lbs up to 210" 2,500 lbs up to 300"
	Min aisle width for right angle turn	10 ft 6 in (assuming 3" overhang each side)
	Truck body width & weight	53 inches and 7,120 lb.
	Max Travel Speed	3.0 m/s (6.7mph)
	Sensors/cameras for Obstacle Detection and Perception	3D LiDAR (4), 3D Cameras (5), and RGB cameras (4)
	Sensors for Navigation (SLAM)	3D LiDAR - 128 layers
	Battery Technology	36 Volts (lead acid, TPPL, Lithium available)
DIMENSIONS	Overall width	53"
	Overall length	90.1"
	Overall height	161"
	Certifications	Built with ISO 3691-4:2023 and ANSI/ITSDF B56.5-2019 as guiding principles



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