



TWA Extended Reach

Fully Autonomous Reach Truck Solution

Extend your reach with SHARED AUTONOMY: the only autonomous solution with SHARED AUTONOMY for double deep racking.

The Third Wave Automation Extended Reach is a fully automated, double deep capable reach truck solution. It can operate in 11ft+ aisles up to 406 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.



30118 Eigenbrodt Way,
Union City, CA 94587

(877) 367-5538
info@thirdwave.ai

Shared Autonomy Enabled Extended Reach Truck

SPECIFICATIONS

	Spec	Description
GENERAL	Load capacity & rack height	4,000 lbs max payload and 400" top beam (40" mast) 3,000 lbs up to 300" 2,250 lbs up to 406"
	Min aisle width for right angle turn	11 ft 6 in (assuming 3" overhang each side)
	Truck body width & weight	50 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)
	Charging Method(s)	Wired and wireless charging available
DIMENSIONS	Overall width	53"
	Overall length	103"
	Overall height	161"
	Certifications	Built with ISO 3691-4:2023 and ANSI/ITSDF B56.5-2019 as guiding principles

