

AiTEN Robotics to Unveil Next-Gen Autonomous Forklifts at ProMat 2025

Revolutionizing Smart Logistics with Award-Winning Innovations

CHICAGO, IL, UNITED STATES, March 26, 2025 /EINPresswire.com/ -- [AiTEN Robotics](#), a global leader in [autonomous material handling solutions](#), is set to transform the landscape of warehouse automation at ProMat 2025 (March 17-21). Join us at Booth E12713 to experience live demos of four groundbreaking forklift systems that combine award-winning design with industry-first technologies—poised to redefine efficiency in smart logistics.

Why You Can't Miss Booth E12713

1) UPX20 – The Shape-Shifting Workhorse

The UPX20 effortlessly switches between autonomous and manual modes, with even its offline version featuring AI-powered route planning. Ready for deployment in just 48 hours.

2) AE1545 – The Future of Narrow-Aisle Efficiency

Engineered to conquer tight spaces, the AE1545 unmanned forklift navigates 2.7-meter-wide aisles with unmatched precision, handling diverse pallets (9ft, 3-runner) and loads up to 1500kg. Its advanced stacking (4500mm height) and seamless system integration slash labor costs and boost ROI within 1-2 years.



AiTEN Robotics Company Logo



UPX20

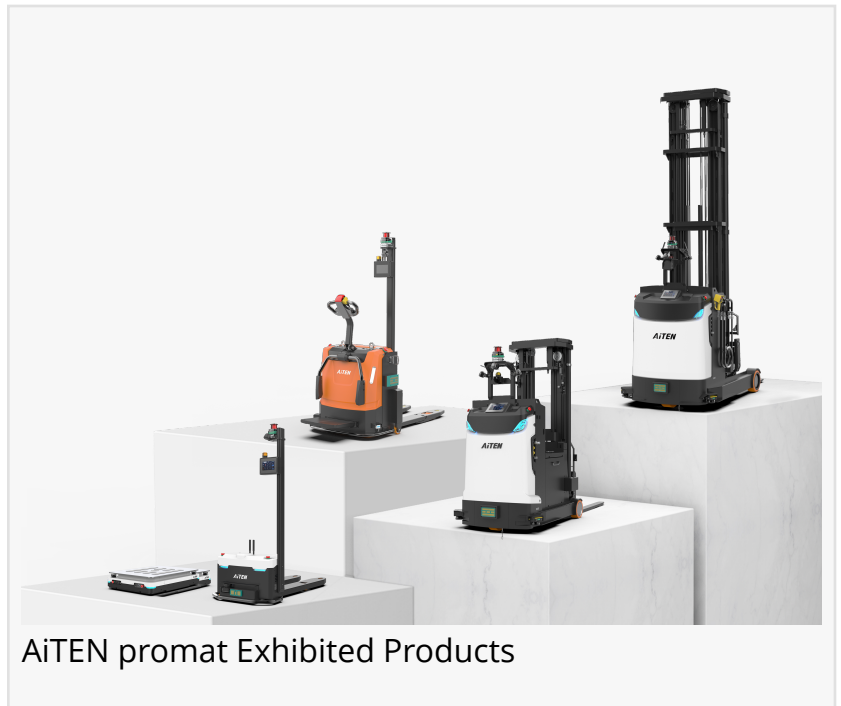
3) MP10 – The Red Dot Award Winner in Action

[Experience the award-winning EMP10](#)—celebrated for its compact turning radius and innovative “drift mode” that enables zero-waste maneuvers in even the most chaotic dockyards.

4) UTP100 – E-Commerce’s Secret Weapon

Designed for hyper-scale sorting centers, the stealthy ETP60 autonomously shuttles over 60 payloads per hour between conveyors, offering an anti-congestion solution during peak seasons.

“We’re not just automating forklifts—we’re democratizing automation. Our plug-and-play AMRs prove 200% throughput gains with low-code setup that workers master in 2 hours,” says Dr. Henry Yao, CEO of AiTEN Robotics.



AiTEN promat Exhibited Products

Meet the Minds Behind the Machines

Mr. Fabian Wu (Sales & Marketing VP): “Human-Centric Automation: Reducing Labor Intensity, Elevating Safety & Adaptive Deployment”

Focus:

Reducing Labor Intensity by 67%: AMR-driven Automation in High-frequency Material Handling
Enhanced Safety Protocols: AI-driven collision avoidance and fail-safe mechanisms for hazardous environments.

Adaptive Deployment Frameworks: Tailored automation strategies for diverse climates, layouts, and operational challenges.

Prof. XW Shen (CTO): “Next-Gen Autonomy: Precision Motion Control, Environmental Perception & Secure AI Integration”

Focus:

Advanced Environmental Perception: Multi-sensor fusion (LiDAR, vision, IoT) for dynamic obstacle detection in complex spaces.

AI-Driven Motion Optimization: Real-time path planning and adaptive speed control for peak efficiency.

Data Integrity & Protection: Ensuring secure, encrypted communication across fleet management systems.

Key Stats for Editors

- 70% faster deployment compared to legacy AGVs
- 15 patents spanning our innovative product range
- 100% successful installations across EU and APAC regions

For Pre-Show Briefings, Contact:

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Hashtags: #ProMat2025 #AiTENautonomous #WarehouseRevolution

About AiTEN Robotics

AiTEN Robotics provides leading intralogistics automation solutions & Driving digital transformation, blending cutting-edge Autonomous Mobile Robots (AMRs) and Automated Guided Forklifts (AGFs) with intelligent management systems. Our solutions unlock unprecedented efficiency and productivity in material handling. Visit www.aitenrobot.com for more information.

Booth E12713 Awaits – Where Algorithms Meet Pallet Jacks.

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