MiR1200 Pallet Jack

Smarter moves, faster results

Revolutionizing Material Handling with AI-Powered Efficiency

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The MiR1200 Pallet Jack is the latest innovation in smarter, faster and more efficient material handling. This state-of-the-art solution combines intelligence, robust power, and industrial-grade quality to provide streamlined pallet detection, transport, and delivery from floor-to-floor.

Powered by an AI-based pallet perception system, the MiR1200 Pallet Jack enhances throughput, reducing pick-and-place cycle times, leading to increased productivity with faster movement of your goods up to 1200 kg at 1.5 m/s.

This agile robot operates continuously, with long-lasting battery capacity and opportunity charging for uninterrupted performance, relieving employees from heavy lifting and monotonous tasks. Navigating tight spaces effortlessly, the MiR1200 Pallet Jack optimizes logistics efficiency, ensuring timely pallet delivery without additional infrastructure. This robot is designed to comply to the latest safety standards and navigates safely around people and obstacles.

Embrace the future of material handling with MiR1200 Pallet Jack, where intelligent technology achieves unparalleled efficiency.

Benefits

Maximized Efficiency: Automated movement of pallets up to 1200 kg at 1.5 m/sec.

Empowered Teams: Relief from monotonous tasks to higher-value work.

Faster Throughput: AI-based perception system for fast and accurate pallet detection.

Enhanced Safety: Manual forklift replacement with safety certified AMR.

Accelerated Workflow Automation: Control an entire fleet of MiR AMRs with MiR Fleet software integration.

24/7 Productivity: Enabled by long-lasting battery capacity and seamless charging.

Specifications

Payload:	1,200 kg
Max. speed:	1.5 m/sec
Dimensions:	W=820 mm L=1934 mm H=1990mm
Charging ratio:	1:14

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Unique Features of MiR1200 Pallet Jack

AI-based perception enables shrinked-wrapped pallet recognition and rapid, precise, and reliable pallet detection.

Build for challenging environments with IP52 rating and reliable industrial design, created through collaboration with Logitrans, leveraging +80 years of lift-product expertise.

Features high battery capacity and fast charging, ensuring seamless operation in 24/7 workflows.

Equipped with MiR's latest software and seamlessly integrates with MiR Fleet alongside other MiR robots.

Analyzes the landing zone with a 3D sensor for detection of obstacles on the floor, overhead, and around, ensuring precise and secure pallet placement.

Incorporates load-jam detection, which enables the robot to safely interact with compromised pallets.

Designed to comply to ISO 3691-4 safety standard and offers comprehensive 360-degree safety coverage.

Detects and avoids obstacles up to the full height of the robot.

Manual tiller for easy interaction with employees used to working with traditional forklifts