

MOBILE ROBOTS

TITAN TRILATERAL

ADVANCED AUTONOMOUS SOLUTION
FOR HIGH-DENSITY WAREHOUSING



DESCRIPTION



The TITAN Trilateral is a highly versatile and efficient mobile robot, designed specifically for operations in very narrow aisles for high storage density. Equipped with rotating forks, this vehicle seamlessly retrieves pallet on both sides of the aisle, frontally and from the floor.

ICONS



FLEXIBILITY



MAXIMUM
VERSATILITY



TOP-NOTCH
ADAPTABILITY



PRECISION

TECHNICAL DETAILS

DIMENSIONS (L x W)	3200x1600 mm
MAX. SPEED	2 m/s
MAX. LOAD	1.5 tons 3,300 lbs
MAX. LIFTING HEIGHT	10 m 33 ft
TURNING RADIUS	1,800 mm 70 in

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FEATURES

- **Exceptional Load Capacity:** Capable of transporting pallets weighing up to 1,500 kg.
- **Height Reach:** Capable of storing and retrieving pallets from the floor up to 10 meters.
- **Compact Navigation:** Operates efficiently in very narrow aisles, ideal for high-density storage systems.
- Drives at a maximum speed of 1.5 meters per second, boosting overall productivity.
- **Trilateral Access:** Rotating forks enable operations on both sides of the aisle and frontally.



ADVANTAGES

- **Flexibility and Precision:** Tailored for storing multiple product codes, ensuring efficient pallet handling across varying warehouse layouts.
- **Space Optimization:** Maximizes storage capacity by minimizing aisle width requirements and optimizing pathways.
- **Reliability:** Ensures consistent handling of heavy loads, supporting smooth and uninterrupted operations.

The TITAN Trilateral is an ideal solution for modern warehouses seeking to enhance operational efficiency with full utilization of storage space, and meeting the demands of high density logistics.



WATCH THE VIDEO



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