



HIGH-SPEED ROTATIONAL LIFTING | AMR

K07 Twister Series

High speed, rotational lifting and maximum storage density.

1,500 kg
onboard

2.5 m/s
no load

QR / SLAM

VDA5050
compatible

APPLICATION

Twister series designed for onboard loads up to 1,500 kg with independent platform rotation. Ideal for high-density layouts, route changes and intensive flows between warehouse, production and logistics centers.

Key applications

- Dynamic, high-density warehouses
- Transport between lines and logistics centers
- Boxes, bins, KLTs and industrial loads
- Option to customize with conveyors

TECHNICAL SPECIFICATIONS

Models	SQ600 · SQ1000 · SQ1500
Dimensions	950x650 / 1150x820 mm
Height	250–255 mm
Maximum payload	600 / 1,000 / 1,500 kg onboard
Maximum speed	2.1–2.5 m/s no load
Navigation	QR Code or SLAM
Safety	Front + rear scanner
System	Rotational lifting platform

KEY INDUSTRIES

Automotive

Manufacturing

Logistics

Pharma & Health

Food & Beverage

Electronics

Retail

About Kivnon Robotics

Founded in Barcelona in 2009, Kivnon designs, manufactures and implements AGV and AMR solutions for intralogistics worldwide. With 16+ years of experience and 6,000+ mobile robots deployed, we deliver continuous, zero-downtime automation for the most demanding industries.

16+

Years

6,000+

Robots

Global

Reach

Part of Cap Capital · Green Robotics Division · Backed by 52M€ social capital



Drive unit, control panel & safety detail

Configuration Options

- **Rotational platform** — Independent 360° lifting platform for fast load reorientation.
- **Conveyor top** — Optional roller/belt deck for automatic load transfer.
- **Boxes & KLTs** — Handles bins, KLTs and industrial loads with precision.
- **Three payloads** — 600, 1,000 or 1,500 kg onboard variants available.

360° Platform rotation	2.5 m/s Top speed	1,500 kg Max onboard	3 Payload variants
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QR Code & SLAM Navigation — Flexible and High-Density

The K07 Twister Series navigates with QR Code or SLAM, combining the precision of coded references with the flexibility of map-based autonomy. This supports route changes, high-density layouts and intensive flows between warehouse, production and logistics centers — with front and rear scanners for full-perimeter safety.

High-density layouts	Route changes	QR or SLAM	Front+rear scanners
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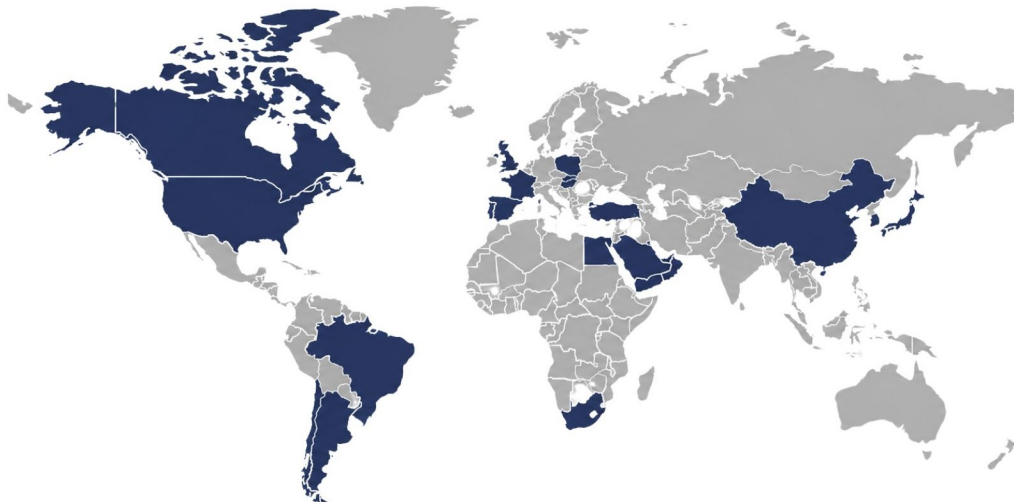
VDA5050
READY

Seamless integration into multi-vendor fleets, Fleet Manager and WMS.

Global Partner Network

A worldwide network of certified integrators, distributors and technology partners ensures local implementation, after-sales service and continuous support.

Europe	Americas	Asia-Pacific	Middle East
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Trusted by global industry leaders

Gestamp	Benteler	Adient	Alps Alpine	SIG	Citroën	Ford
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Ready to automate your intralogistics?

We design end-to-end AGV/AMR solutions tailored to your facility.