



AUTONOMOUS HIGH-LIFT STACKER AGV

# K60 Stacker Series

Autonomous pallet stacking up to 3 meters with 360° safety.

**2,000 kg**  
payload

**1.2 m/s**

**LSLAM +  
VSLAM**

STANDARD  
**VDA5050**  
compatible

## APPLICATION

Stacker series for automatic pallet transport and placement in racks. It combines SLAM navigation, vision/cameras and precise positioning for demanding 24/7 warehouse operations.

### Key applications

- Automatic put-away in racks up to 3 m
- Feeding picking or production areas
- Intensive pallet handling
- Integration with WMS, ASRS and Fleet Manager

## TECHNICAL SPECIFICATIONS

Model	K60-S1516 / K60-S1530 / K60-S2030
Dimensions	1595 x 1012 x 1920 / 1595 x 1012 x 2315 / 1991 x 993 x 2336 mm
Lift height	1600 mm / 3000 mm / 3000 mm
Maximum payload	1,500 kg / 1,500 kg / 2,000 kg
Maximum speed	1.2 m/s
Navigation	LSLAM + VSLAM
Safety	360° laser coverage
System	Bidirectional + in-place rotation

### 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



K60 Stacker Series - autonomous high-lift stacking

## Key Features

- **Automatic rack put-away** - Places pallets in racks up to 3 m.
- **2,000 kg payload** - Handles intensive pallet flows.
- **3,000 mm lift height** - Supports high-lift pallet stacking.
- **LSLAM + VSLAM navigation** - Precise positioning with vision support.

**2,000 kg**

Payload capacity

**1.2 m/s**

Max speed

**3,000 mm**

Lift height

**LSLAM +  
VSLAM**

Navigation

## LSLAM + VSLAM Navigation - Autonomous High-Lift Stacking

The K60 Stacker Series transports pallets and places them in racks up to 3 m. Its LSLAM + VSLAM navigation supports vision-assisted positioning, 360° laser safety, bidirectional movement and in-place rotation for demanding warehouse operations.

Rack put-away

360° safety

LSLAM + VSLAM

In-place rotation

**VDA5050**

READY

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

## Global Partner Network

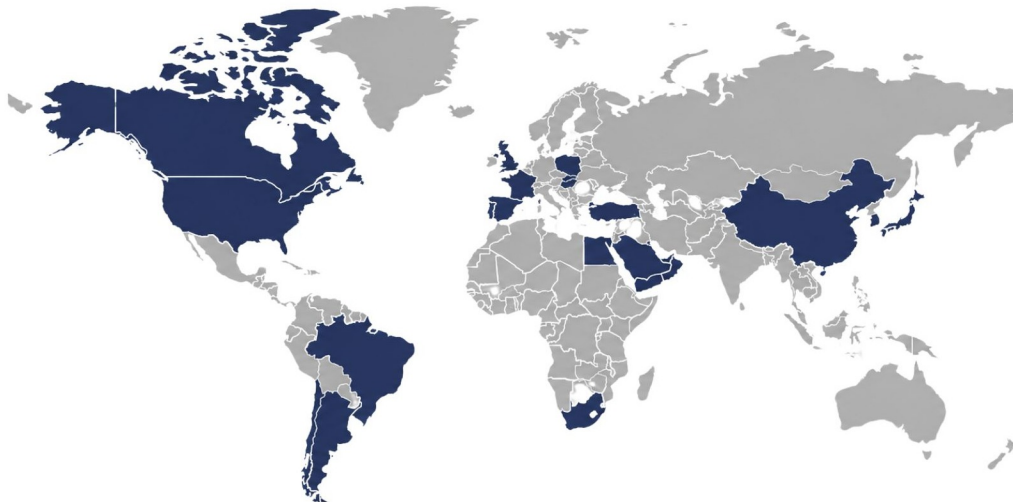
A worldwide network of certified integrators, distributors and technology partners ensures local implementation, after-sales service and continuous support.

Europe

Americas

Asia-Pacific

Middle East



## Trusted by global industry leaders

Gestamp

Benteler

Adient

Alps Alpine

SIG

Citroën

Ford

## Ready to automate your intralogistics?

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