

K.HARTWALL

Logistics Efficiency through Innovation



A-MATE®

AutoMate your load
carrier movements

AUTOMATION AT YOUR FINGERTIPS®

A-MATE® are intelligent mobile robots designed to transport load carriers such as pallets and roll containers in production and logistics environments like warehouses and sorting centers, without the need for an on board operator or driver.

The unique benefits include a compact design and advanced driving system to enable agile movements in tight spaces. Equipped with a powerful electric free lift*, they can pick up and drop off loads both from the floor as well as from shelves and conveyors. A 360 degree scanner coverage ensures maximum safety.

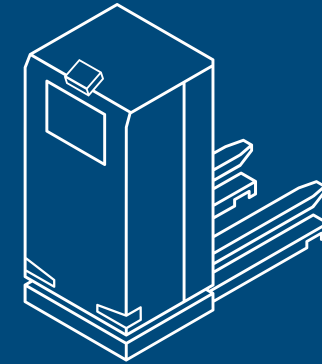
* no scissors below the forks



A-MATE® FreeLift



A-MATE® Lite



MEET THE FAMILY

- Compact design
- Electric free lift
- 360° safety
- Contour-based LiDAR navigation
- Long lasting Li-Ion batteries
- Load carrier detection
- Obstacle detection & avoidance

AVAILABLE MODELS

A-MATE® FreeLift | A-MATE® Lite
A-MATE® Counter



A-MATE® Counter

MOBILE ROBOTS FOR NUMEROUS LOAD CARRIERS



COMPATIBLE PRODUCTS



EURO PALLETS



EPAL MESH BOXES



K.HARTWALL DAUGHTER CARTS

Versatile for your business needs.



COMPATIBLE PRODUCTS



K.HARTWALL LEAN DOLLIES
800 x 600 mm



HALF-EURO-PALLETS



K.HARTWALL ROLL CONTAINERS



COMPATIBLE PRODUCTS



CHEP & GMA PALLETS



K.HARTWALL SMARTCUBE® CAGES

WHAT YOU CAN ACHIEVE WITH A-MATE®



Reduce your handling costs



Ensure interoperability with
other systems



Fast and safe integration into
your IT environment



Plug, Connect & Produce to
reduce your project lead time





The **implementation of A-MATE®** in your operation boosts the digitalization of your workflows and transparency of your processes.

This increases the flexibility and competitiveness of your production environment.

- Enhance scalability
- Facilitate rapid process modifications
- Utilize existing capacities and resources
- Track your load carriers systematically
- Minimize disruptions

SHAPE THE FUTURE WITH A-MATE®
AND GAIN A COMPETITIVE EDGE

ELECTRIC FREE LIFT



A-MATE® is a perfectly fitting solution for multiple use cases as it can both handle loads on the floor as well as deliver to or pick up from conveyor belts and shelves.

COMPACT DESIGN



The advanced driving system combined with a compact design enables A-MATE® to move very efficiently in narrow and tight environments.



VERSATILITY

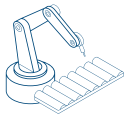


A-MATE® transports various types of load carriers, for example pallets, foldable cages, roll containers and dollies, in different sizes, empty or full.

This makes our AGVs a universal solution for a wide range of intralogistic process flows in manufacturing, warehousing and sorting operations for various industries.

They are designed to operate in demanding industrial environments with heavy traffic and rough conditions.

Manufacturing



Parcel & E-commerce



Retail



SAFE INTERACTION WITH HUMANS



MULTIPLE SCANNERS

to make the A-MATE® a 360° safe mobile robot



CLEAR LIGHT INDICATORS

to signal the operating status



EMERGENCY STOP BUTTONS

visible and accessible at any moment



INTERACTIVE DISPLAY

easy to access and easy to handle

OPEN SOFTWARE ARCHITECTURE

A-MATE® works reliably in a constantly changing environment, stand-alone and connected to customer WMS/MES or connected to via VDA5050 fleet manager.



WE ARE ALSO USING A-MATE®



BOSCH



Danfoss



ebm**papst**

SCHAEFFLER

EXPERIENCE. KNOWLEDGE. RELIABILITY.

SUCCESSFUL CUSTOMER PROJECTS



DANFOSS GRÅSTEN, DENMARK

- Four A-MATE® FreeLift
- Automated transport of full units from a buffer lane to various drop-off-locations
- Safe interaction with other AGVs, manually driven forklifts and human workers.



Watch video



SCHAEFFLER BUEHL, GERMANY

- Six A-MATE® FreeLift
- Automated transport of full and empty units between machines and shipping area
- Navigation in narrow aisles
- Floor-to-floor and conveyor handling
- Interaction between internal Schaeffler software and external fleet management



Watch video

VISIT [K-HARTWALL.COM](https://www.k-hartwall.com) FOR MORE CUSTOMER STORIES



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For over 90 years, our Finnish family-owned company has been innovating material handling solutions for global leaders in retail, industrial manufacturing, and parcel & e-commerce. With customers in 65+ countries, we design and deliver future-proof intralogistics solutions — from sustainable load carriers and electric tugger trains to advanced autonomous mobile robots. Our mission is simple: To optimise the efficiency of our customers' operations and help them build scalable, sustainable intralogistics for the future.

INNOVATION DRIVEN

We serve you
globally in
65 countries

CUSTOMER IN FOCUS

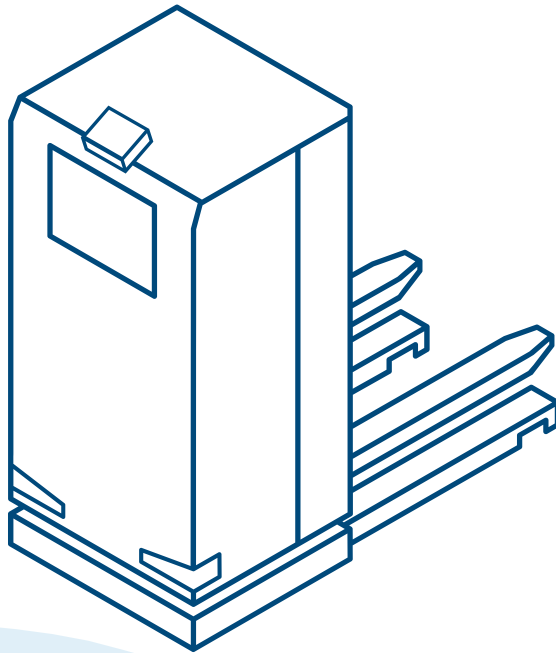
We serve more
than 1500 satisfied
customers

EXPERTISE IN AUTOMATION

Over ninety years
of design and
innovation

K.Hartwall Oy Ab

Kay Hartwallin tie 2
01150 Söderkulla, Finland
Tel. +358 9 413 1833
contact-khw@k-hartwall.com
www.k-hartwall.com



Watch A-MATE® in
action at Schaeffler



Watch A-MATE® in
action at Danfoss



A-MATE®

**MAKE THE NEXT
SMART MOVE
IN LOGISTICS**