

INDUSTRIAL INNOVATION

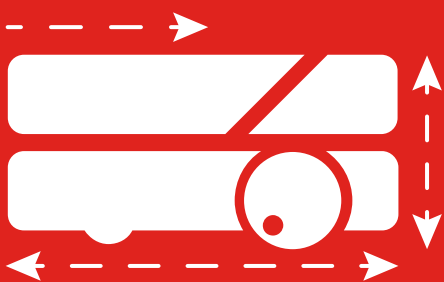
DIMENSIONS — **A new approach to mobile robotics:**
Your application's requirements define the AMR's technical specifications.

SPEED —

PAYLOAD —

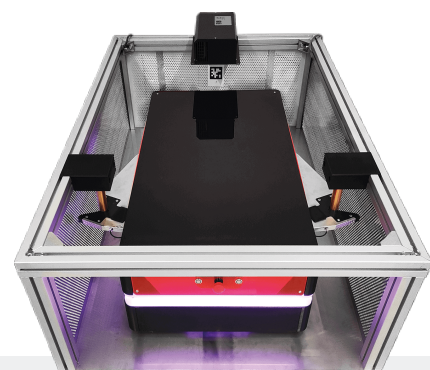
USAGE — **Towing industrial carts and assembly workbenches**

Fully adaptable and seamlessly integrable, HELKO is the result of years of expertise in Automation.



CUSTOM AMR SOLUTION

Both the robotic unit and the carts can be fully customised in terms of functionality, size, accessories, mechanics, and design to suit your application.



ADAPTIVE COUPLING TECHNOLOGY

HELKO's patented system detects the cart and automatically docks by adapting to its actual position, rather than relying solely on pre-mapped locations.

The electrified coupling system is used to recharge the AMR and can power the cart or its load while in motion.

THE ITALIAN TAILOR-MADE MOBILE ROBOTICS SOLUTION

HELKO is the AMR designed to meet your specific needs.



Discover HELKO



Discover Navarco



FLEXIBLE IT ARCHITECTURE



Multiple IT/OT architectures supported, including Wi-Fi and 5G connectivity.

ONE-AMR OR FLEET APPLICATIONS



Multi-map and multi-floor autonomous navigation. Different types of missions manually assignable or automatically generated by third-party software via RESTful API.

AUTONOMOUS NAVIGATION



Active/passive safety management; obstacle detection; management of different kinds of areas and interaction points.

SOFTWARE INTEGRATION



Flexible and scalable system; interoperability with third-party management systems (MES, MOM, SAP, ERP), machinery, lifts, doors...

COMPLETE SUPPORT



From pre-sales consultation to after-sales assistance: tailored integration; support in defining map layouts; staff training; specialised technical assistance.

FULL SOFTWARE CONTROL

The AMR HELKO comes with a comprehensive and customisable software suite entirely developed by our in-house team.



NAVARCO

Fleet Management System: mission assignment, fleet control, optimal route planning and energy management.



MAP EDITOR

Dynamic definition of map layouts and navigation paths, indication of interaction points, special areas and robot constraints.



FLEET LOOKOUT

Collection and analysis of navigation data, real-time telemetry and mission results, along with logs and graphical replays.



ALREADY HAVE AN AMR?

The Navarco software ecosystem can integrate and manage various mobile robot models.

TELL US ABOUT YOUR BUSINESS NEEDS

Let's work together to create the perfect AMR solution for your company.

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