

Think smart.
Automate smarter.

With the AMR NXS 300



Designed to Deliver

The NXS 300 from Continental Mobile Robots sets new standards in mobile robots for transporting small load carriers in terms of efficiency enhancement, cost optimization and streamlining intralogistics. In production, warehouse and intralogistics environments, it ensures resilient and efficient material flow 24/7. According to our motto "Making Things Easy" the NXS 300 will elevate your intralogistics to the next level.

CAPACITY

Up to 300 kg load capacity with an ultra-compact design (1100 x 405 x 1025 mm).

OMNIDIRECTIONAL MOVEMENT

Suitable for use in the most challenging environments thanks to omnidirectional movement with speeds of up to 2.0 m/s.

CUSTOMIZABILITY / ADAPTABILITY / VARIABILITY

Two innovative vehicle variants for transporting small load carriers in standard and half-pallet sizes, the NXS 300 expands its range of applications across numerous use cases.

SAFETY

24/7 resilient and safe operation in production, warehouse and intralogistics with mixed traffic and high dynamics through 360° environment detection with obstacle recognition and option for autonomous bypassing.

COMPATIBILITY

Maximum interoperability and full integrability in compliance with VDA5050 through collaboration with established fleet management systems.

HANDLING

User-friendly HMI with ergonomic design for intuitive operation and maintenance.



Strong Partner for Mastering Stacked Small Load Carriers

COMPATIBILITY

Transporting a variety of dollies and available as standard variant for small load carriers (600x400mm) and extended variant for half pallets (800x600mm).

EFFICIENCY

Highest transport density due to stacked small load carrier transportation with a maximum payload (300kg).

AUTONOMY

Fully automatic loading and unloading of material with the integrated lifting platform at sources and sinks.

PRECISION

Maximum load handling precision with its omnidirectional drive compatible with floor guiding rail system at sources and sinks.



Unlock Your Full Potential

A robot by itself won't master your challenges. But when it's fully integrated, the sky is the limit. Learn how to make the most of your intralogistics with autonomous material flows, smart fleet master control software, and end-to-end 24/7 support.

SUPPORT

Get proactive support in every stage, from planning across implementation to maintenance.

EFFICIENCY

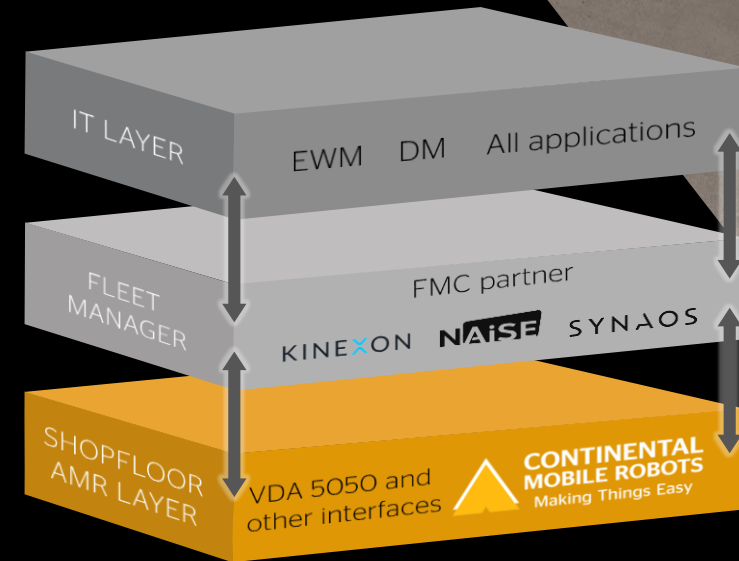
Maximize efficiency by tapping your fleet's full performance potential and slashing costs at the same time.

COMPATIBILITY

Enjoy knowing that you can integrate all your processes in a matter of days - without disrupting ongoing operations.

SAFETY

Maximize safety for people at your site and using your products while ensuring reliable material flows.



Processing of orders and analytical insights to various applications and business processes

Cloud- and/or edge-based layer that connects and orchestrates AMR operations

Multitude of AMR, AGV and other solutions serving a wide variety of tasks

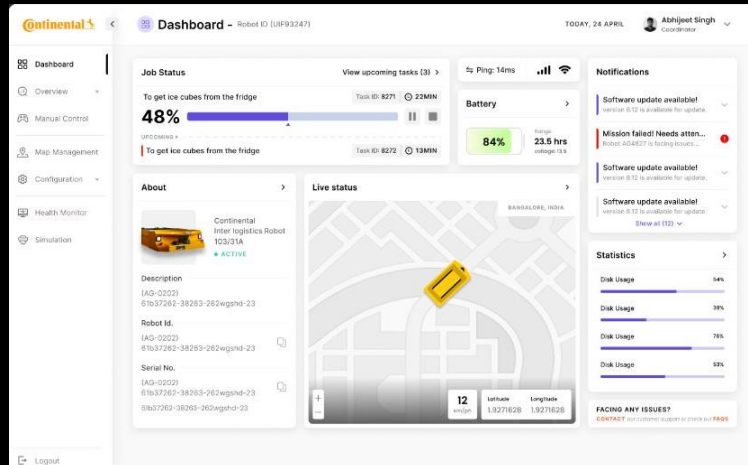
Full Transparency and Always in Control

Continental AMR Software Ecosystem

Our AMRs operate through three key platforms: AMR-I for robot control, AAP for admin management and FMC for fleet operations with strong partners.

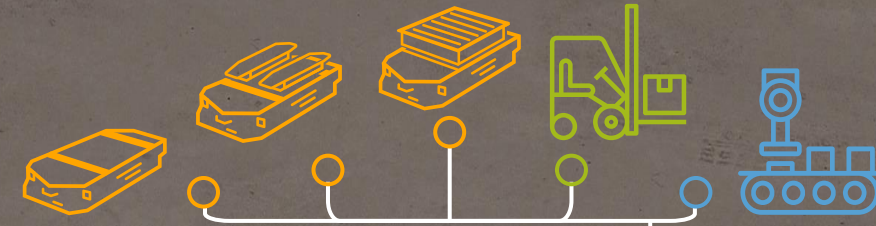
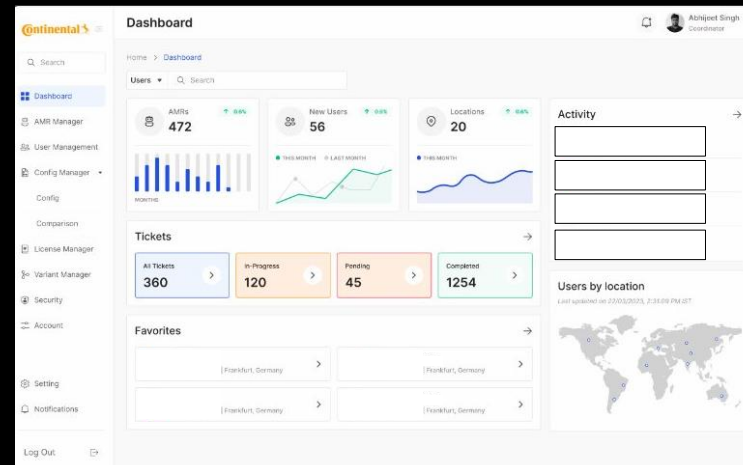
AMR-I - AMR Interface

Your interface for intuitive robot control and monitoring.



AAP - AMR Admin Portal

Your platform for managing all Continental AMRs and services.



FMC - Fleet Master Control

Your reliable fleet operation system according to VDA 5050 standards with strong partners.



Keep Everything Under Control.

With **AMR Fleet Master Control**, you have full control at your fingertips - monitor your robots in real time, track their movements and oversee material transport effortlessly. It orchestrates the entire AMR fleet, issues orders and ensures productive material flows.



Support you can count on.

Our AMRs keep your processes running smoothly and reliably. And if there's ever a need, you can count on us: we're available 24 / 7 to provide assistance and support.



Implementation

We install the AMR and get it up and running, then teach you to confidently manage the Fleet Master Control system on your own.



Analysis

We work with you to identify the areas and processes that can benefit from automation with our AMR.



Optimization

Processes, goods, and materials can change. We're available to optimize your AMR's performance whenever there's a need.

Let's Make Things Easy.



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