



Designed to fit. Built to perform.

Our AMR IL 600 | 1200

robotic-solutions.aumovio.com



Make the most of your potential.

A robot alone won't solve your challenges. But when fully integrated into your processes, the possibilities are limitless. Discover how autonomous material flows, intelligent fleet master control, and our 24/7 end-to-end support can optimize your operations.



Proactive support

We guide you from planning to daily operations - with reliable implementation and 24/7 support.



Seamless compatibility

Integrate our AMRs into your processes within days - quickly, smoothly, and without disruption.



Scalable capacity

From small parts to heavy pallets: select the AMR that fits your process, up to 600 | 1200 kg.



Intelligent handling

Take control with fleet master control software: smart charging, predictive diagnostics and real-time optimization.



Maximum efficiency

Optimize routes, minimize idle time, and reduce operating costs across your fleet.



Proven safety

Protect people and processes. Advanced sensors and AI navigation ensure safe, collision-free transport.





Attention to detail.

We build long-term, trust-based partnerships. While our products are highly technical, it's our personal interaction that creates real value.

- Empathy for people and machines
- Deep understanding of intralogistics
- Ability to scale up in terms of size and regional footprint
- Multiple years of reliable use in AUMOVIO plants
- Experts who have implemented intralogistics solutions worldwide

Our top performers for your goods.

Wherever flexibility and performance meet – the IL series delivers reliable transport for heavy loads and changing processes.



Lifting Unit

- Maximum payload: 600 kg | 1200 kg
- For picking up and transporting carts
- Use case: carts



Top Roller

- Top Roller modules from our partner ROEQ
- Fixed-height version
- Version with automatic height adjustment

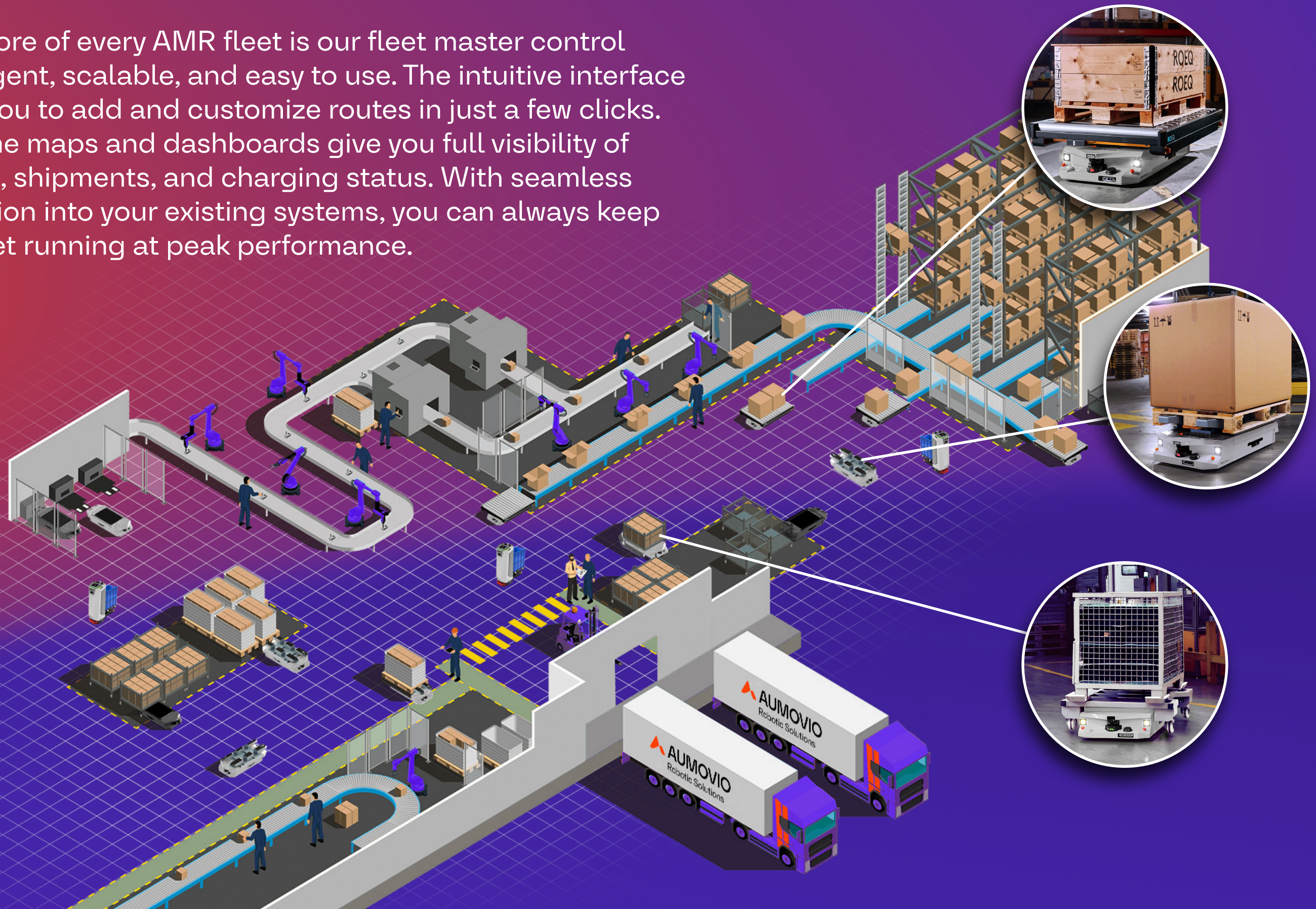


Load Module

- For moving EU/industrial pallets and boxes
- Use case: pallets

Take it to the next level on-site.

At the core of every AMR fleet is our fleet master control – intelligent, scalable, and easy to use. The intuitive interface allows you to add and customize routes in just a few clicks. Real-time maps and dashboards give you full visibility of vehicles, shipments, and charging status. With seamless integration into your existing systems, you can always keep your fleet running at peak performance.



Keep everything under control.

The AMR fleet master control puts everything at your fingertips: where your robots are at any given time and which goods they're moving. It monitors 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.



Analysis

We identify where automation with AMRs creates the most value in your processes.



Implementation

We set up your AMRs, train your team, and ensure you can run the robots and the fleet independently.

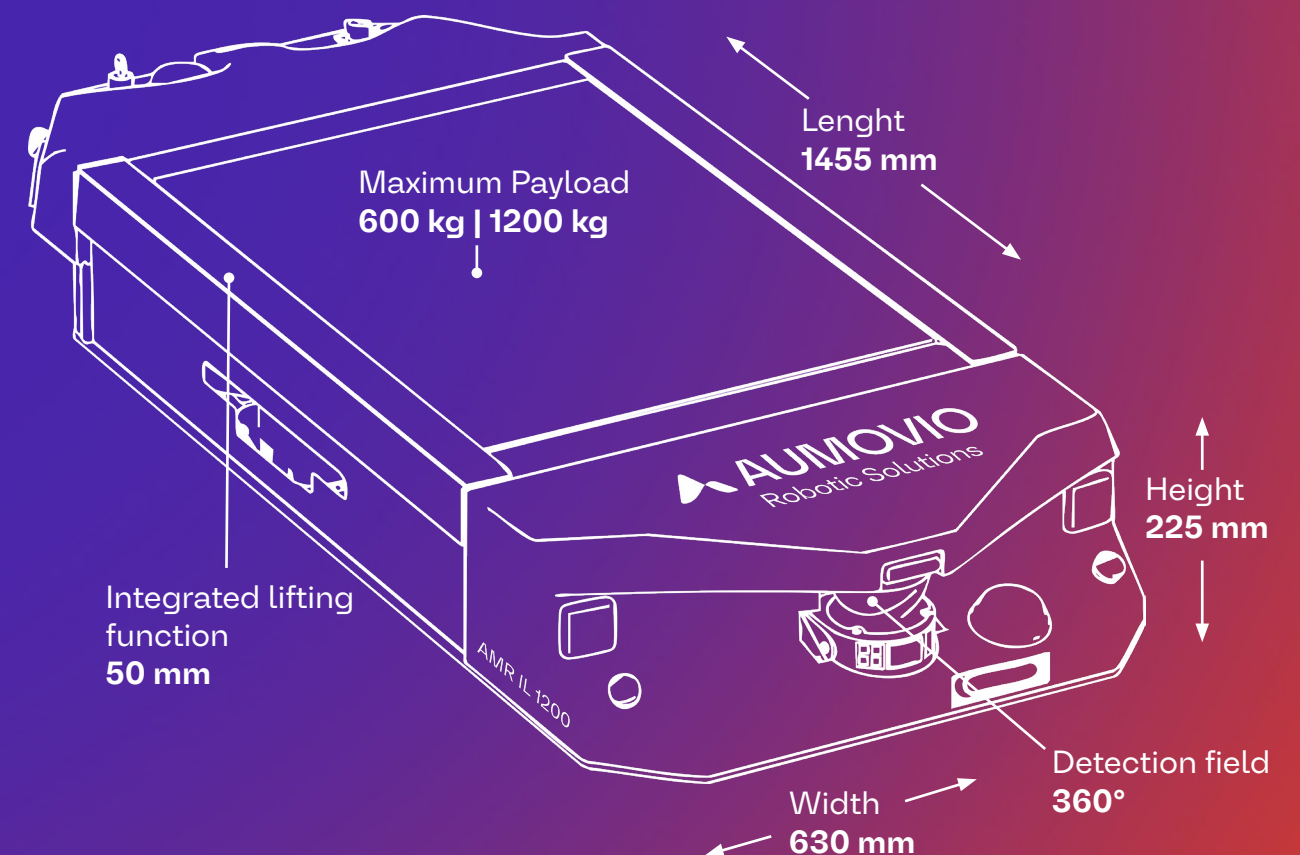


Optimization

As processes evolve, we adapt your AMRs to keep performance high – today and tomorrow.

Let's get more specific.

- Full collaborative interaction with the surroundings
- Autonomous navigation
- Ultra-compact design
- Top speed of 2.0 m/s



Dimensions	Length × width × height	1455 mm × 630 mm × 225 mm
	Weight	240 kg
	Ground clearance	28 mm
Performance Characteristics	Rotation diameter	260 cm
	Navigation	SLAM
	Positioning accuracy	Fine positioning: ± 5 mm
Power Supply	Battery type	Li-Ion / 48 V / 2,5 kWh
	Charging current	30 A
	Charging strategy	Opportunity Charging
	Charging time	1:20 h
Environment	Ambient temperature	5°C – 40°C
	Humidity	10 % – 90 % @ 39°C, noncondensing

Safety	Sensors and safety functions	4 x Laser Scanner, 2 x 3D camera, 4 x emergency stop button, 2 x red light, optional: signal tower
	Detection range	360°
	Safety standards for industrial vehicles	ISO 3691-4:2020, UL 3100:2021 MRL 2006/42/EG, EMV RL 2014/30/EU, RED RL 2014/53/EU, ISO 13849-1:2015 ISO 13849-2:2012, EN 1175:2020, CE, UL 3100:2021, ANSI/RIA R15.08-1-2020, ANSI/ITSDF B56.5-2019
Connections	Wi-Fi link	2.4 GHz and 5 GHz supported
	Integration	VDA 5050-compatible
	Manual control	USB controller, control via laptop computer or mobile phone



Let's get things done.
Automatically.

AUMOVIO Germany GmbH
Guerickestr. 7
60488 Frankfurt am Main, Germany

Email: amr-sales@aumovio.com
Website: robotic-solutions.aumovio.com

