



MoMa

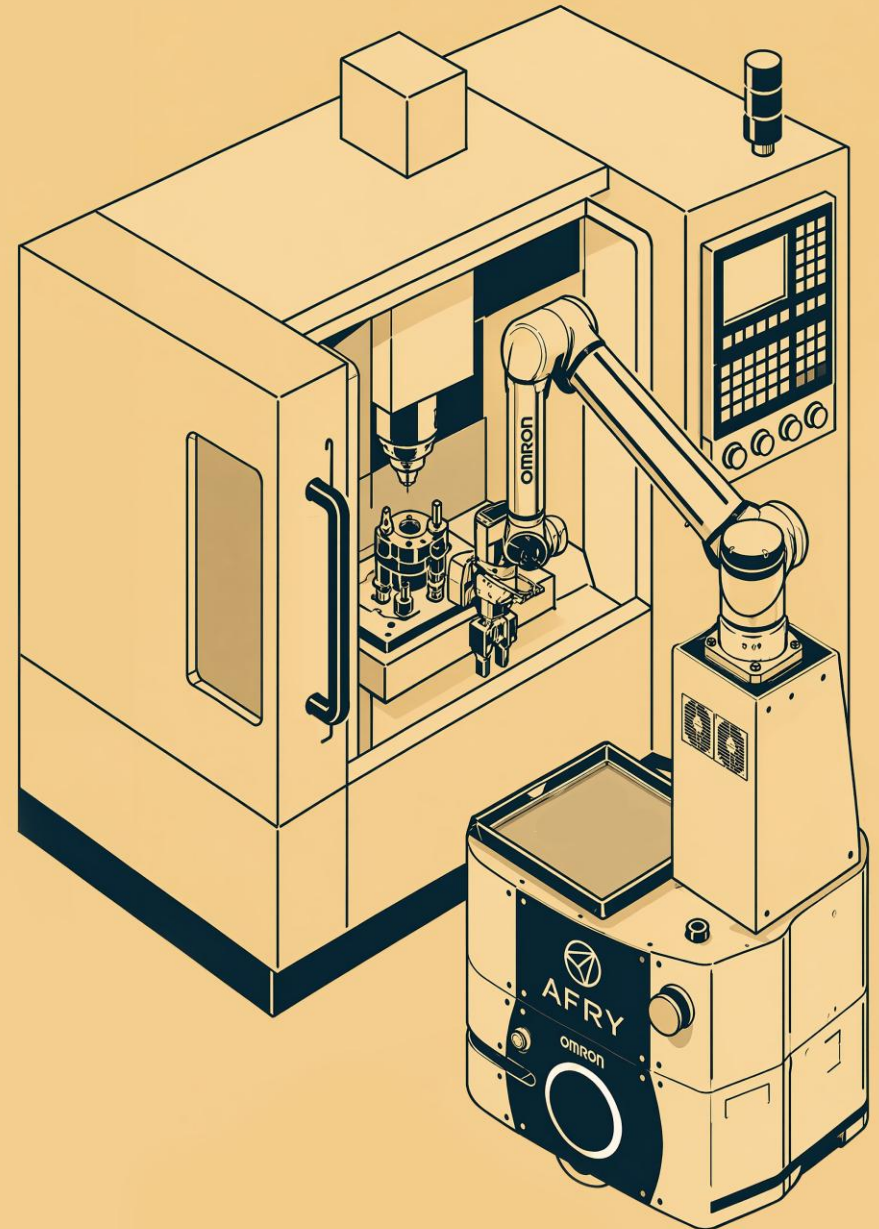
Mobile Manipulator

MoMa 250-TM12S

AFRY MoMa is a mobile manipulator that combines the freedom of movement of AMR technology with the flexibility of a cobot. The result is a smart automation solution that easily moves to where it is needed and performs tasks directly on site, without costly, fixed installations.

With AFRY MoMa, multiple processes can share the same robot. This enables cost-effective automation, higher productivity, and entirely new opportunities, even in environments where traditional industrial robots were previously not an option.

The technology is here and now; reliable, flexible, and safe to collaborate with people. The AFRY MoMa product portfolio also includes larger models, enabling solutions for applications with higher payloads and extended reach.





Use-cases

Mobile machine tending

A robot that can autonomously move between and tend to multiple machines increases utilization, reduces downtime, and enables flexible production across different shifts and processes.

Sample and quality control

Automated sample handling between production and measurement equipment provides faster feedback, improved traceability, and more consistent quality.

Line replenishment

MoMa autonomously retrieves and delivers materials based on demand, ensuring a steady material flow, reduced inventory levels, and a lower risk of production stoppages.

AFRY MoMa changes the way we think about logistics and automation. More flexible, more efficient, and ready for the future of manufacturing.

Specifications

Article number	MoMa 250-TM12S
Max payload (ex tool) (Manipulator)	12 kg
Max payload on pad	165 kg
Max reach (Manipulator)	1 300 mm
Speed (typical) (Manipulator)	1.3 m/s
Repeatability (Manipulator)	0.03 mm
Max traveling speed	1.2 m/s
Side lasers	Yes
Battery	Yes
Charger	Yes (230V)
Joystick	Yes
Vision	Yes
Tool	Optional
Tool changer	Optional
Communication	WiFi (5G optional)



MoMa & AFRY Flows

The **AFRY Flows** industrial automation platform turns the **AFRY MoMa** from a standalone solution into an integrated part of your operational flow.

With already built-in support for synchronization, mission handling, and control of robot program execution, Flows ensures that the right task is carried out at the right time and in the right context.

The result is smoother automation, better coordination with surrounding processes, and faster deployment with less need for custom integration work.

