

MHM

AUTONOMOUS MOBILE ROBOTS

AMRs



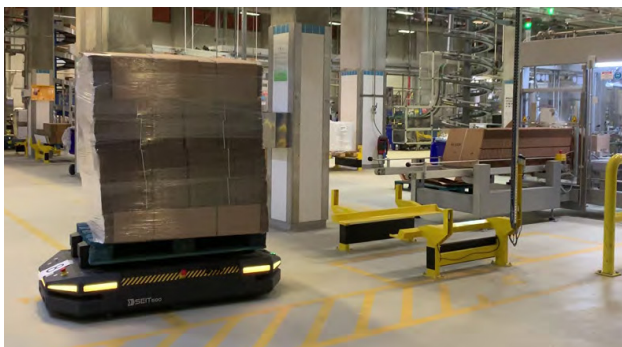
Safely automate pallet and crate movements, even in a congested working environment.

MHM Autonomous Mobile Robots (AMRs) are a flexible, adaptable solution for automating intralogistics operations.

AMRs can safely work around people and obstacles, using dynamic digital maps and onboard camera and laser-based navigation systems. They can be quickly configured and mapped for fast implementation and are easily re-programmed when operational needs change.

A fleet of AMRs employed at a single facility can communicate with each other to optimise traffic flow, improve operational efficiency and avoid collisions with each other. They can also integrate with production PLC systems, to provide a real-world IoT solution to a plant's automation.

AMRs are a proven technology with an attractive return on investment (ROI).



APPLICATIONS

- > Movement of product on pallets or in crates
- > Within a warehouse or production facility
- > Suitable for congested working environments

BENEFITS OF AMRs OVER PALLET CONVEYORS

- > Greater flexibility of layout design
- > Can better accommodate small footprint operations or awkward factory layouts
- > Easily expanded to meet future needs
- > Faster, lower cost installation and commissioning
- > Less moving parts, resulting in lower maintenance costs
- > Spare units can be supplied to ensure uninterrupted service

BENEFITS OF AMRs OVER AGVs

- > Safely works around people and obstacles
- > Lower set up cost and fast implementation
- > Co-ordination and flow - a fleet of AMRs at a single facility can co-ordinate with each other to maximise efficiency and traffic flow
- > Trackless navigation, depots not required
- > Can deliver to user locations
- > Flexible and adaptable - easy to re-map on site or remotely when products, layouts or delivery routes change
- > Easily expandable to accommodate growing production or distribution requirements

MHM
AUTOMATION

Talk to our team to find out more about the Autonomous Mobile Robots.

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