

| UK |

PALOMAT

POWERED BY BILA



PALOMAT[®] AGV

COMPLETELY AUTOMATIC PALLET FLOW - PLUG AND PLAY INSTALLATION - FOR ALL TYPES OF AGVS

STREAMLINE YOUR INTERNAL LOGISTICS

PARTNER UP WITH PALOMAT® AGV

Take your industry 4.0 pallet handling to the next level, with the perfect add-on for all types of driverless forklift trucks, the pallet magazine PALOMAT® AGV - together, they pair perfectly to completely automate and streamline your internal logistics while improving your productivity.

The PALOMAT® AGV is delivered with an interface for external equipment and a preinstalled program, which makes it possible to exchange signals between the pallet magazine and all types of driverless forklift trucks. The interface allows them to communicate independently, maintain a completely automatic and

efficient pallet flow to and from e.g. production lines, warehouses or packaging departments.

PALOMAT® AGV automatically stacks and destacks single empty pallets or a full stack at floor level. When the PALOMAT® is empty or full, it will automatically signal the AGV which ensures that the pallet magazine will be filled or emptied. It also ensures uniform docking and thus optimises the entire workflow of the driverless forklift truck.

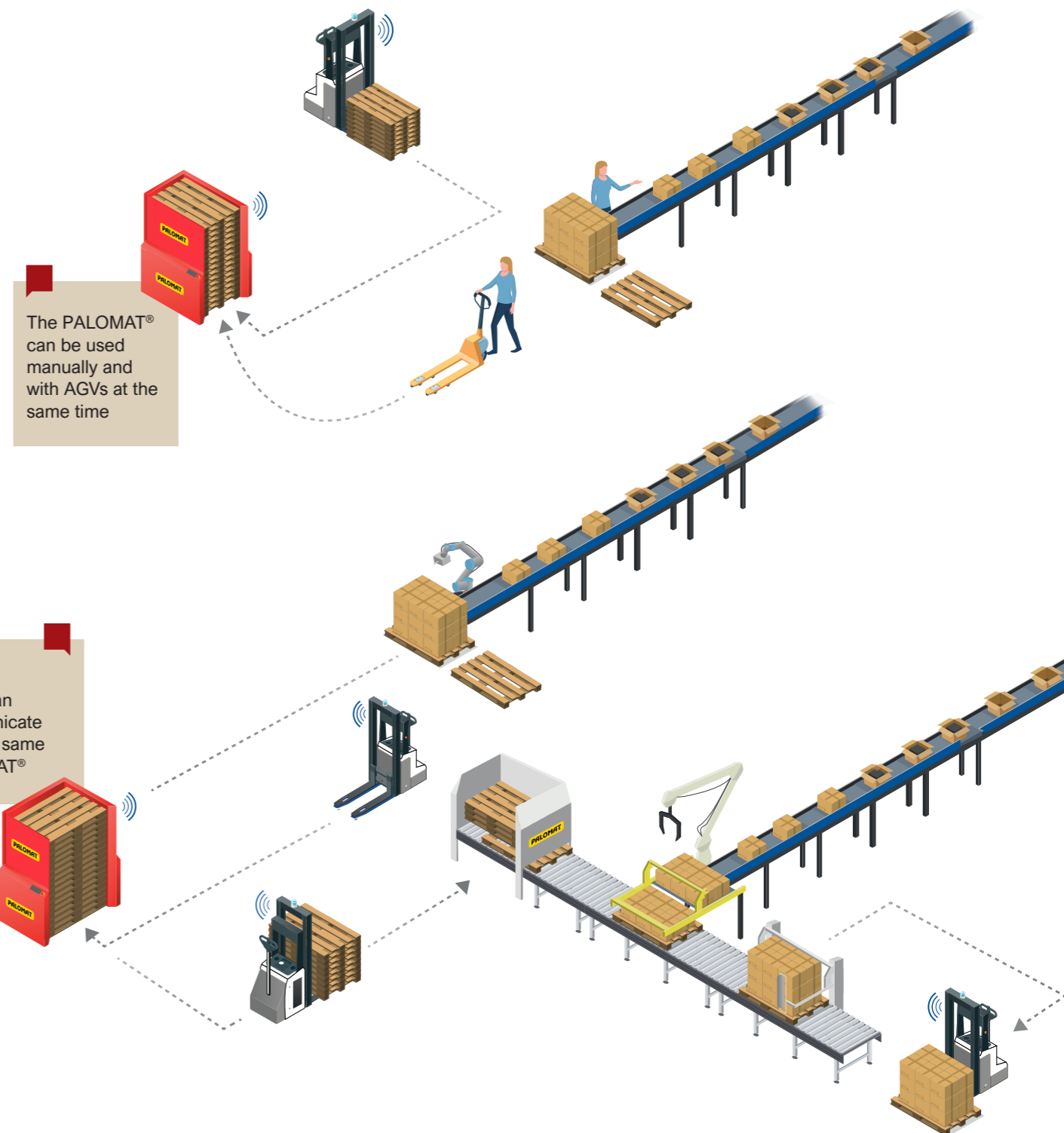
Partner up with the PALOMAT® AGV and take your automatic pallet flow to the next level.

WHY CHOOSE THE PALOMAT® AGV?

- Communicates intelligently with all types of driverless forklift trucks
- Is delivered with the AGV interface including 24VDC I/O signals for external equipment
- Completely automatic and efficient pallet flow – stacks and destacks at floor level
- Plug and play installation - preinstalled program with all necessary signals
- Industry 4.0 pallet handling - Pallet handling with both hand pallet trucks + AGVs
- Handles all 4-way pallets in wood, plastic, and metal
- CE approved. When it is integrated into an automation solution, the responsible project manager/ integrator is responsible for the overall CE approval
- 30 years' experience and expertise in the development, construction, and production of pallet magazines - your guarantee of competent advice and reliable solutions



EXAMPLES OF WORKFLOWS



PALOMAT® – DANISH QUALITY SINCE 1992

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TECHNICAL INFORMATION

Efficient pallet handling with driverless forklift trucks. Is delivered with an interface for external equipment, making it possible to exchange signals between the PALOMAT® and the driverless forklift trucks for independent communication.

- Power rating:** 220-240VAC 50 Hz 1P+N+PE
- Actuator:** Linak
- Control:** Siemens S7-1200
- Software:** Inclusive
- Interface:** With 24VDC I/O signals for external equipment
- Capacity:** 15 pallets or 500 kg

All models include the AGV interface with 24VDC I/O signals for external equipment, which makes it possible to exchange signals between the PALOMAT® and AGV:

AGV INTERFACE

Output from PALOMAT® to AGV: [Persistent indication]

- Signal for empty magazine (destacking)
- Signal that a new pallet is ready to be retrieved (destacking)
- Signal for full magazine (stacking)
- Signal that the magazine is ready for a new pallet (stacking)
- Error/breakdown signal

Input from AGV to PALOMAT®: [Pulse 3-4 sec.]

- Signal to choose Destacking
- Signal to choose Stacking
- Signal to choose Emptying

ELECTRICAL SPECIFICATIONS

Digital outputs Relay 2A: [Potential-free]

Rated value (DC):5V DC to 30V DC

Rated value (AC):5V AC to 250V AC

Digital input: [Potential-free]

Rated value (DC):24V DC



AGV interface



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