

PALOMAT® Coldstore

Fully automatic and operates in temperatures down to -25 °C/ -13 °F



You insert/ remove the pallets using a hand pallet truck, electric stacker, or a forklift truck. PALOMAT® Coldstore detects the pallets via a light curtain and sensors, after which they are automatically stacked or destacked one by one at floor level.

When selecting destacking, a stack of max. 15 pallets will be inserted in the PALOMAT®, after which the pallets are automatically destacked one by one. When selecting stacking, the pallets are inserted one by one, after which the pallets are automatically stacked to max. 15 pallets. The entire stack can subsequently be removed.

PALOMAT® Coldstore is only to be operated in automatic mode. Manual mode is for service and maintenance only.

The PALOMAT® can handle all 4-way pallets in wood, plastic, and metal.

With **the teach program**, you can adjust the gripper positions (< 300 mm), allowing the PALOMAT® to switch between different pallet heights.

The web browser function gives you access to data on operation, cycles, signal status and fault history - for faster troubleshooting and better insight into how the PALOMAT® is utilised.

Recommendation: Avoid to place the PALOMAT® Coldstore close to a door or gate, as it may cause condensation on the grippers.

The PALOMAT® is customised to fit exactly your pallet.



Your benefits with PALOMAT®

- › Space saving and a tidy workplace
- › Optimised pallet flow
- › Improved work environment
- › Reduced pallet costs
- › Increased efficiency
- › No manual pallet handling
- › Less absence due to illness
- › Reduced time spent per pallet
- › Fewer back injuries, jammed fingers, and feet
- › Less truck driving
- › LEAN- increased efficiency with less resources
- › "Plug and Play" solution



Models

Article no.	Machine dimensions L x W x H (mm)	Pallet size L x W x H (mm)	Lifting capacity (kg)	No. of pallets
152601*	1485x1350x975/2372*	1200x800x144	500	15
152602*	1485x1550x975/2372*	1200x1000x150	500	15

Technical

Power source	Full load current (FLC)	Max. consumption during operation
220-240V AC, 50 Hz	3.5 A (max. load)	550 W
220-240V AC, 50 Hz	3.5 A (max. load)	550 W

* Incl. safety frame for 15 pallets, 2 heaters and actuators lubricated with grease for operation in minus degrees.

Control: Siemens S7-1200
Light curtain and sensors: SICK
Actuator: Linak

Standard colours: RAL 3002 red, RAL 5002 blue, RAL 7032 grey and RAL 7035 grey

You can read more about PALOMAT® Coldstore, options, technical data etc. on www.palomat.com

Protection class: IP56
Temperature: Down to -25 °C/ -13 °F