

PALOMAT® Inline

Pallet handling for automated solutions

An integrated part of the line





Convenient, effective, and reliable

Whether to MAKE or BUY is always the question. Make the wise choice – BUY! Save time and money, and be sure to get a top quality pallet magazine, fully customised to your project at a competitive price – whatever the pallet size, type of conveyor or colour.

A PALOMAT® Inline pallet magazine contributes to an efficient, reliable, and cost-effective production line while improving the bottom line of your project.

What's not to like? Outsource your next pallet magazine to the experts - PALOMAT®.

PALOMAT® Inline is a solid and reliable pallet magazine that automatically stacks and destacks empty pallets in automatic systems and production lines.

The pallet magazine is delivered with a terminal box for external control, making it easy to integrate into the complete system.

PALOMAT® is the world's leading manufacturer of pallet magazines. Our quality product has made us the preferred supplier of pallet magazines for a number of national and international companies. We have been on the market for over 30 years and have extensive experience and expertise in the development, design, and production of pallet magazines.

Good reasons to outsource – and choose PALOMAT® Inline

- › 100% customised to your pallet and palletising project
- › Save time spent on development, design, and production
- › Available as both pneumatic and electric versions
- › Minimise the risk of errors. You get a complete, flexible, and proven pallet magazine
- › Save time spent on commissioning and testing – and on writing documentation
- › You receive drawings of the PALOMAT® for your own layout (DWG/STEP)
- › Easy to integrate into a complete system – delivered with a terminal box for external control
- › You receive a quality product at a competitive price
- › Technical hotline support
- › You benefit from our 30+ years of experience in developing, designing, and producing pallet magazines. This is your guarantee of expert advice and reliable solutions.

100% customised to your project

- › Handles all 4-way pallets
- › Palletises in all pallet directions
- › Fits any conveyor type and dimensions
- › Manages different pallet sizes in the same magazine
- › Available in both pneumatic and electric versions
- › Offers various surface treatments for diverse environments
- › Available in any RAL colour or stainless steel (AISI 304)

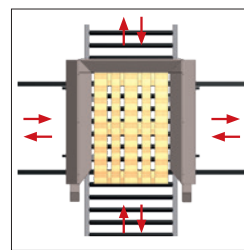
3 simple steps - we just need to know



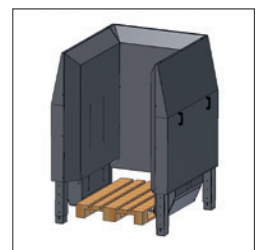
Pallet type



Conveyor type

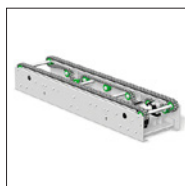


Pallet direction

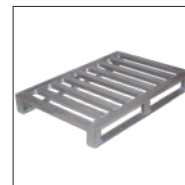


DWG / STEP drawing

Examples conveyor types:



Examples pallet types:



Your partner for palletisation



Since 1992, PALOMAT® has been the world's leading manufacturer of pallet magazines, and we strive to be first movers within the development of efficient and safe pallet handling with "no manual pallet handling" as our mission.

We place great emphasis on being an innovative manufacturer via continuous product development. Safety in the use of products is of high priority to us. All our pallet magazines comply with the applicable Machinery Directive, which is your guarantee for palletising solutions manufactured in compliance with the demands for health, safety and the environment.

Providing a strong Danish product of high quality has made us the preferred supplier for many national and international companies. Over 20,000 pallet magazines have already been produced and delivered worldwide.

All development, construction and production take place in Denmark, with a high focus on innovation and continuous product development to meet market demands for ergonomics and optimised efficiency.

As a division of BILA A/S, Scandinavia's leading automation partner, we benefit from our global network of dealers and machine manufacturers, ensuring seamless collaboration and support worldwide.

"We chose PALOMAT® because they have a simple and excellent product and a wide range of pallet magazines. KVM has enjoyed a constructive partnership with PALOMAT® over many years. They always deliver on time and the quality is excellent".



Christian Killerup, Project Manager, Technical Department
KVM INTERNATIONAL A/S

Technical information

All PALOMAT® Inline models comply with the latest machinery directive. This is your guarantee that each unit has been manufactured in accordance with the given health, safety and environment requirements.

PALOMAT® Inline is supplied as a sub-component. The project manager/integrator is responsible for installation of the complete automated system and the general CE approval. All models is delivered with a terminal box for connecting to external control.

Models	
Pallet size L x B x H (mm)	Lifting capacity (kg)
1200 x 800 x 144*	500
1200 x 1000 x 150*	500
800 x 1200 x 144**	500
1000 x 1200 x 150**	500
1200 x 1200 x 150	500
1219 x 1016 x 121*	500
1219 x 1016 x 142*	500
1200 x 800 x 144 - 1200 x 1200 x 150***	500

Includes

- › 2 photo sensors connected to a terminal strip
- › Technical documentation including a declaration of incorporation
- › Example sequence diagram for programming.

Do you need a colour other than the standard RAL 7035 or a different surface treatment?

Available in any RAL colour, stainless steel (AISI 304) and electro galvanised steel.

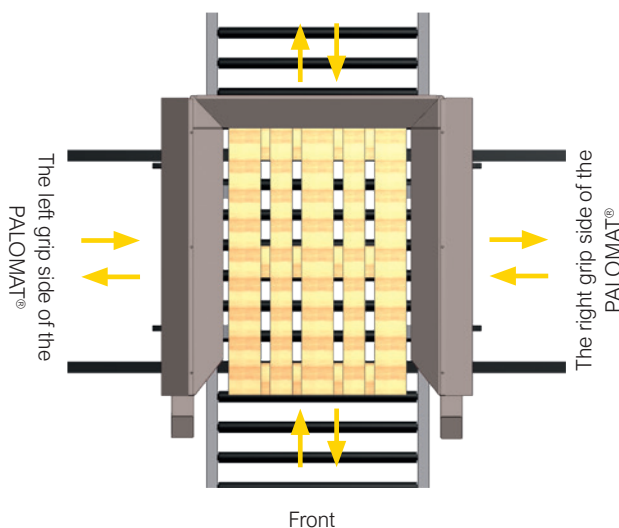


Service

During the warranty period, we offer free support when you call during regular opening hours. Call us at +45 96 69 47 10

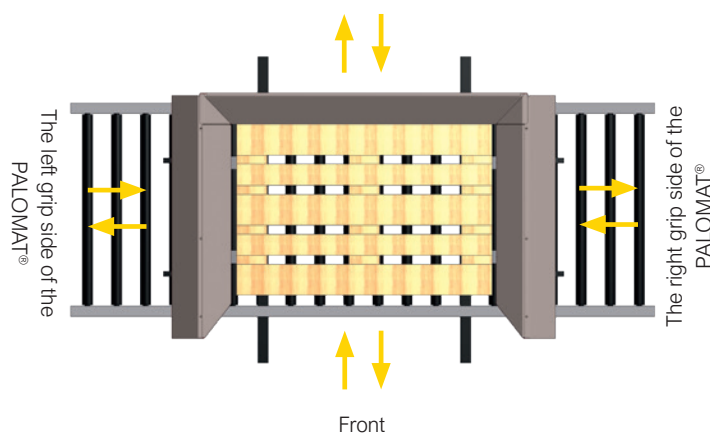
If you need support outside regular opening hours, you can use our 24/7-365 hotline for a fee. Call our hotline at +45 97 71 00 44

Regular opening hours:
Monday - Thursday 07:00 - 15:00
Friday 07:00 - 13:00



Example:

The PALOMAT® grips the pallet on the long side*



Example:

The PALOMAT® grips the pallet on the short side**

* Grips the pallet on the long side (1200/1219 mm)

** Grips the pallet on the short side (800/1000 mm)

*** With one adjustable side – handles 1200 x 800 x 144 to 1200 x 1200 x 150 mm pallets in the same pallet magazine.

In order to make PALOMAT®
Inline usable in all use cases,
we offer it in both a pneumatic
and an electric version

Pneumatic version

The pneumatic PALOMAT® Inline is powered entirely by compressed air, making it ideal for production environments where a pneumatic system is already available. It delivers a reliable and robust solution - perfect for companies looking to utilize their existing air supply and minimise additional installations.

Specifications	
Pneumatic version	
Pneumatics	SMC
Cycle per pallet (seconds)	10-15
Air used per cycle (litres)	55
Capacity (pallets/kg)	15/500
Operating pressure and voltage	6-7 bar, 24V DC

Electric version

The electric PALOMAT® Inline simply connects to a standard power outlet, making it highly flexible to position in any facility. With its low energy consumption, it is also an energy-efficient solution that combines ease of use with reduced operating costs.

Specifications	
Electric version	
Supply voltage, SEW lifting motors	2x380VAC/3P 1,2 Amp
Supply voltage, SICK sensors and Linak gripper actuators	24VDC 9Amp
Cycle per pallet (seconds)	12-15
Capacity (pallets/kg)	15/500





PALOMAT® | Industrivej 10 | DK-7900 Nykøbing Mors | +45 96 69 47 10 | info@palomat.com | www.palomat.com



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