



MAKE WORK FLOW



A TIDIER WORK PLACE · IMPROVED WORK ENVIRONMENT · INCREASED EARNINGS



# Efficient pallet flow

- no manual lifting of pallets

## 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
- Leaner – increased efficiency with less resources

Automation is one of the keywords to boost efficiency. The PALOMAT® pallet magazine automates pallet handling, increases efficiency when stacking and destacking pallets, and spares employees from the unsuitable work of manually lifting heavy pallets.

PALOMAT® can become a natural part of the work flow, e.g. in production, the warehouse, the packaging department or shops – in short, any place in a business operation where there is a need to stack and destack empty pallets at floor level.

As an innovative manufacturer, we emphasise continuous product development. While we strive to meet market demands on ergonomics, lean processes and good work environments, safety in the use of our product is of the highest importance.

Globally, “green” and eco-friendly investments are increasingly

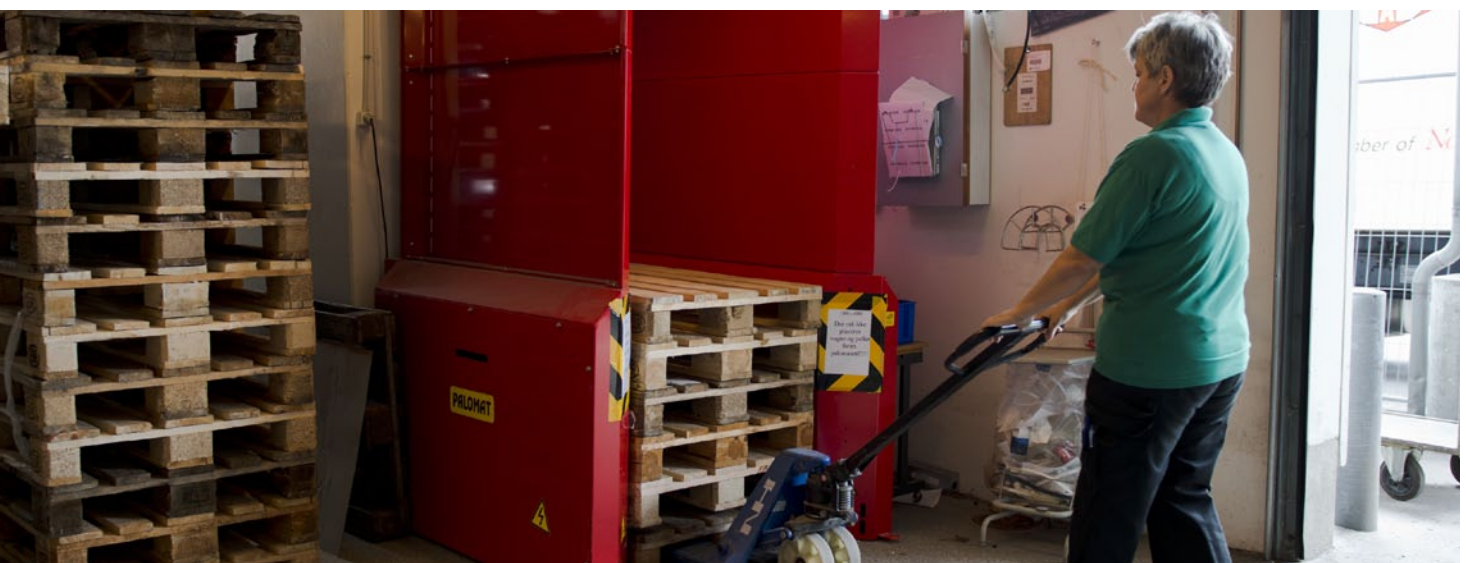
gaining attention. It is now a priority for many to reduce and completely eliminate different types of environmental impact.

We fully support this “green” movement. This is why a large part of our range is 100% AC operated. All you need is a standard 230 V outlet and you can instantly switch to more efficient and user-friendly pallet handling. It is as easy as “plug in and play”.

The PALOMAT® pallet magazine is a Danish product manufactured in Denmark since 1992.

The PALOMAT® is CE-marked, which is your guarantee for a machine that has been manufactured in conformity with the strict requirements of safety, health and environmental impact.

The PALOMAT® is sold via our dealers present in most European countries, the USA and Australia.



Scan this QR code  
to see the PALOMAT® in action



## Get a PALOMAT® **for testing**

- and experience the numerous benefits



The PALOMAT® stacks and destacks empty pallets one at a time. All pallets are handled at floor level.



The PALOMAT® automatically lifts/lowers the entire pallet stack to easily allow you to insert a new pallet at floor level using e.g. a hand pallet truck. A touch panel is used to operate the machine.



It is possible to insert a complete stack of pallets (15 or 25 pallets) or take out a complete stack from the PALOMAT® – without using a truck.

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• INCREASED EARNINGS**

Learn more about models, options, videos, case studies, etc. [www.palomat.com](http://www.palomat.com)

# PALOMAT® Greenline



## Fully automatic stacking and destacking

PALOMAT® Greenline is completely AC operated.

**Choose a PALOMAT® Greenline** if you plan to both stack and destack single pallets and wish to use only electricity as the power source. The PALOMAT® Greenline is also available for handling pallets in cold rooms with temperatures as low as  $-25^{\circ}\text{C}$  /  $-13^{\circ}\text{F}$ .

You can place it anywhere where an AC 230V outlet is available. This will immediately give you efficient and more flexible pallet handling – if your pallet flow changes, then it is easy to reposition the PALOMAT® Greenline to a new location.

Pallets can be inserted and picked up using a hand pallet truck, electric stacker or a full-size forklift truck. All pallets are handled at floor level.



# PALOMAT® Flexomatic



## Fully automatic stacking and destacking

PALOMAT® Flexomatic operates on compressed air and requires electricity for control of the machine.

**Choose the PALOMAT® Flexomatic** if you plan to both stack and destack single pallets and wish to use compressed air + electricity as the power source.

Pallets can be inserted and picked up using a hand pallet truck, electric stacker or a full-size forklift truck. All pallets are handled at floor level.



# PALOMAT® 001



## Fully automatic stacking or destacking

The PALOMAT® 001 operates on compressed air and requires electricity for control of the machine.

**Choose the PALOMAT® 001** if you have a need to only stack or destack single pallets and wish to use compressed air + electricity as the power source.

The PALOMAT® 001 is available in two versions – one for pallet stacking only and the other for pallet destacking only. It is not possible to switch between stacking and destacking as offered by our other models.

Pallets can be inserted and picked up using a hand pallet truck, electric stacker or a full-size forklift truck. All pallets are handled at floor level.



# PALOMAT® ½ Pallets



## Fully automatic stacking and destacking

PALOMAT® ½ Pallets is offered both as a Greenline (AC operated) and a Flexomatic (air + AC operated) version.

**Choose a PALOMAT® ½ Pallets** if you plan to both stack and destack single ½ pallets. A Greenline version for handling pallets in cold rooms with temperatures as low as -25°C / -13°F.

Pallets can be inserted and picked up using a hand pallet truck, electric stacker or a full-size forklift truck. All pallets are handled at floor level.



# PALOMAT® 5



## Semi-automatic stacking and destacking

The PALOMAT® 5 is completely AC operated.

**Choose a PALOMAT® 5**, if you plan to both stack and destack more than one pallet at a time – up to 5 together and wish to use only electricity as the power source. The PALOMAT® 5 is also available for handling pallets in cold rooms with temperatures as low as -25°C / -13°F.

You can place it anywhere where an AC 230V outlet is available. This will immediately give you efficient and more flexible pallet handling – if your pallet flow changes, then it is easy to reposition the PALOMAT® to a new location.

Pallets can be inserted and picked up using a hand pallet truck, electric stacker or a full-size forklift truck. All pallets are handled at floor level.

# PALOMAT® Double Up



## Fully automatic stacking and destacking

The PALOMAT® Double Up is completely AC operated.

**Choose a PALOMAT® Double Up**, if you plan to both stack and destack 1+1 pallets together in a line and wish to use only electricity as the power source. The PALOMAT® Double Up is also available for handling pallets in cold rooms with temperatures as low as -25°C / -13°F.

You can place it anywhere where an AC 230V outlet is available. This will immediately give you efficient and more flexible pallet handling – if your pallet flow changes, then it is easy to reposition the PALOMAT® to a new location.

Pallets can be inserted and picked up using a hand pallet truck, electric stacker or a full-size forklift truck. All pallets are handled at floor level.



# Options

- completely adapted to your needs



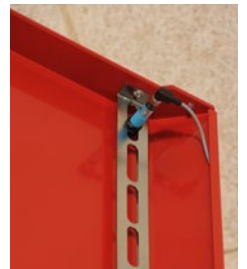
Safety frame with gate for 15 pallets



Safety frame for 15 pallets



Signal tower incl. maximum indicator



Maximum indicator

Different standard colours

RAL 3002

RAL 5002

RAL 7032

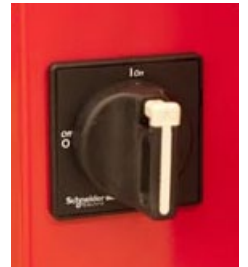
RAL 7035



Pallet handling in cold environments down to  $-25\text{ C}^{\circ}$  /  $-13\text{ F}^{\circ}$

(Only for AC models)

Mains Isolation Switch



Pneumatic Isolator (Only for Air models)



Truck protection



Stop blocks



# Custom-made solutions

- completely adapted to your pallet size

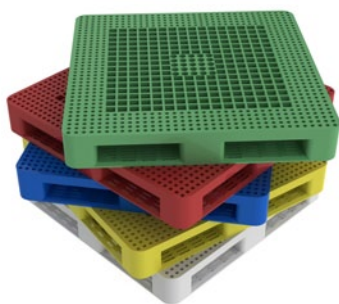
PALOMAT<sup>®</sup> is a modular solution that allows customisation to fit the wide range of pallets and sizes used in the market. Thanks to more than 20 years of experience in design and manufacture of pallet magazines, we can customise the

PALOMAT<sup>®</sup> to exactly match the pallet size you use.

The PALOMAT<sup>®</sup> can handle all 4-way pallets in wood, plastic and metal no matter what the length, width or height.



Scan the QR code  
and send us your inquiry online



**Contact your dealer** and request a PALOMAT<sup>®</sup> solution  
that exactly fits **your pallet flow**



Custom-made for 2015x900x137 mm pallets



Custom-made for 2400x1200x160  
mm platforms



Custom-made for 1060x750x175 mm pallets

**Enterprises such as Grundfos, Carlsberg, Coca-Cola, Volvo, Nestlé, Chanel, Haribo, Pfizer, Siemens and Miele have installed PALOMAT<sup>®</sup> magazines, making their pallet flows more efficient.**

**- Will your business be the next one?**

# Technical information

## PALOMAT® Greenline

Article no.	Pallet size L x W x H (mm)	Lifting capacity/ No. of pallets	Machine dimensions L x W x H (mm)
152001	1200x800x150	500 kg/ 15	1520x1340x955/2350*
152002	1200x1000x150	500 kg/ 15	1520x1540x955/2350*
152101	1200x800x150	700 kg/ 25	1520x1340x3750**
152102	1200x1000x150	700 kg/ 25	1520x1540x3750**

**Control:** Siemens S7-1200

**Actuator:** Linak

**Power source:** 220-240V AC, 50Hz

## PALOMAT® 001

Article no.	Pallet size L x W x H (mm)	Lifting capacity/ No. of pallets	Machine dimensions L x W x H (mm)
15100x	1200x800x150	500 kg/ 15	1520x1340x955/2350*
15100x	1200x1000x150	500 kg/ 15	1520x1540x955/2350*
15110x	1200x800x150	800 kg/ 25	1520x1340x3750**
15110x	1200x1000x150	800 kg/ 25	1520x1540x3750**

**Pneumatics:** SMC

**Control:** Siemens S7-1200

**Power source:** 6-7 bar + 100-240V AC, 50-60Hz

## PALOMAT® ½ Pallets

Article no.	Pallet size L x W x H (mm)	Lifting capacity/ No. of pallets:	Machine dimensions L x W x H (mm)
150050	600x800x150	500 kg/ 15	935x1450x2350*
152050	600x800x150	500 kg/ 15	935x1450x2350*

150050 - Flexomatic:

**Pneumatics:** SMC

**Control:** Siemens S7-1200

**Power source:** 6-7 bar + 100-240V AC, 50-60Hz

152050 - Greenline:

**Control:** Siemens S7-1200

**Actuator:** Linak

**Power source:** 220-240V AC, 50Hz

\* Incl. safety frame for 15 pallets – option

Note: PALOMAT ½ Pallets, PALOMAT 5 and PALOMAT Double Up are always supplied with a safety frame for 15 pallets.

\*\* Incl. safety frame for 25 pallets with gate for handling more than 15 pallets.

## PALOMAT® Flexomatic

Article no.	Pallet size L x W x H (mm)	Lifting capacity/ No. of pallets	Machine dimensions L x W x H (mm)
150001	1200x800x150	500 kg/ 15	1520x1340x955/2350*
150002	1200x1000x150	500 kg/ 15	1520x1540x955/2350*
150101	1200x800x150	800 kg/ 25	1520x1340x3750**
150102	1200x1000x150	800 kg/ 25	1520x1540x3750**

**Pneumatics:** SMC

**Control:** Siemens S7-1200

**Power source:** 6-7 bar + 100-240V AC, 50-60Hz

## PALOMAT® 5

Article no.	Pallet size L x W x H (mm)	Lifting capacity/ No. of pallets	Machine dimensions L x W x H (mm)
170001	1200x800x150	500 kg/ 15	1490x1360x2360*
170002	1200x1000x150	500 kg/ 15	1490x1560x2360*
170101	1200x800x150	700 kg/ 25	1490x1360x3865**
170102	1200x1000x150	700 kg/ 25	1490x1560x3865**

**Control:** Siemens S7-1200

**Actuator:** Linak

**Power source:** 220-240V AC, 50 Hz

## PALOMAT® Double Up

Article no.	Pallet size L x W x H (mm)	Lifting capacity	Antal paller	Machine dimensions L x W x H (mm)
152501	2x1200x800x150	2x500 kg	2x15	2720x1340x2350*

**Control:** Siemens S7-1200

**Actuator:** Linak

**Power source:** 220-240V AC, 50Hz



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