

| UK |

PALOMAT®

POWERED BY BILA



A TIDIER WORK PLACE - IMPROVED WORK ENVIRONMENT - INCREASED EARNINGS



EFFICIENT PALLET FLOW

NO MANUAL LIFTING OF PALLETS

YOUR BENEFITS WITH PALOMAT®

- Save space with a tidy work place
- 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

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

PALOMAT® can become a natural part of the work flow, e.g. in production lines, warehouses, packaging departments or shops – in short, any place in a business operation with 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.

“Green” and eco-friendly investments are increasingly gaining attention world wide. 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 great part of our range is 100 % AC operated. All you need is a standard 230 V outlet and you can instantly switch to a 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 manufactured in conformity with the strict requirements of safety, health and environmental impact.

The PALOMAT® is sold all around the world via our dealers present in most European countries, the USA, South America, Australia and Asia.





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 forklift truck.

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°C / -13°F (Only available for 15 pallets / 500 kg.).

You can place it anywhere with an available AC 230V outlet. This will immediately give you an 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 a 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® 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.

You can place it anywhere with an available AC 230V outlet. This will immediately give you efficient and more flexible pallet handling – if your pallet flow changes, 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.

You can place it anywhere with an available AC 230V outlet. This will immediately give you efficient and more flexible pallet handling – if your pallet flow changes, 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.





**WILL YOUR
COMPANY
BE THE NEXT
ONE?**

**GRUNDFOS, CARLSBERG, COCA-COLA, VOLVO, NESTLÉ,
CHANEL, HARIBO, PFIZER, SIEMENS AND MIELE**

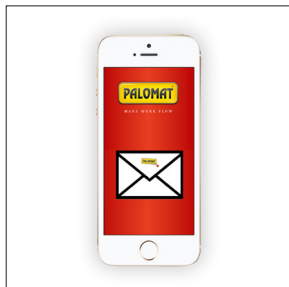
have installed PALOMAT® magazines, making their pallet flow more efficient.

OPTIONS

COMPLETELY ADAPTED TO YOUR NEEDS



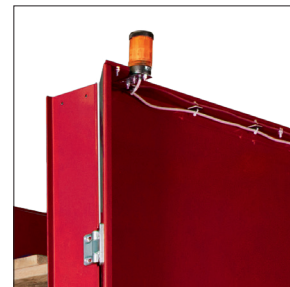
Safety frame with gate
for 15 pallets



Prepared for
information via
SMS / E-mail



Prepared for AGV
15 pallet / 500 kg



Signal tower incl.
maximum indicator



Pallet handling in cold
environments down to
-25 C° / -13 F°
(PALOMAT® Greenline
15 pallets / 500 kg.)



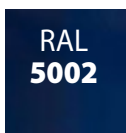
Stop blocks



Truck protection



Maximum indicator



Different standard colours



Service kit



Pneumatic Isolator
(Only for Air models)

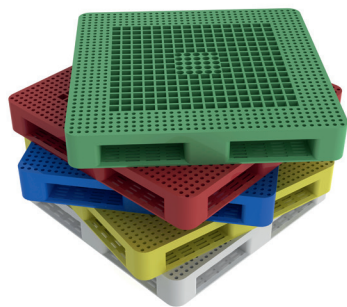


Main Isolation Switch

CUSTOM-MADE SOLUTIONS

COMPLETELY ADAPTED TO YOUR PALLET SIZE

PALOMAT® is a modular solution that allows customisation to fit a wide range of pallets and sizes used in the market. Thanks to more than 25 years of experience in design and manufacture of pallet magazines, we can customise the PALOMAT® to exactly match the pallet size you use. The PALOMAT® can handle all 4-way pallets in wood, plastic and metal no matter what the length, width or height.



CONTACT YOUR DEALER AND REQUEST A PALOMAT® SOLUTION THAT FITS EXACTLY YOUR PALLET FLOW



PALOMAT® with
custom-made
safety box



Custom-made for
2400x1200x160 mm
platforms



Custom-made for
1060x750x175 mm
pallets

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	1200x800x144	500 kg/ 15	1520x1340x955/2350*
152002	1200x1000x150	500 kg/ 15	1520x1540x955/2350*
152101	1200x800x144	700 kg/ 25	1520x1340x3750**
152102	1200x1000x150	700 kg/ 25	1520x1540x3750**

Control: Siemens S7-1200

Actuator: Linak

Power source: 220-240V AC, 50Hz

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	1200x800x144	500 kg/ 15	1520x1340x955/2350*
150002	1200x1000x150	500 kg/ 15	1520x1540x955/2350*
150101	1200x800x144	800 kg/ 25	1520x1340x3750**
150102	1200x1000x150	800 kg/ 25	1520x1540x3750**

Control: Siemens S7-1200

Pneumatics: SMC

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	1200x800x144	500 kg/ 15	1490x1360x2360*
170002	1200x1000x150	500 kg/ 15	1490x1560x2360*
170101	1200x800x144	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	No. of pallets	Machine dimensions L x W x H (mm)
152501	2x1200x800x144	2x500 kg	2x15	2720x1340x2350*

Control: Siemens S7-1200

Actuator: Linak

Power source: 220-240V AC, 50Hz

* Incl. safety frame for 15 pallets.

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



Scan this QR code to see the PALOMAT® in action



Scan the QR code and send us your inquiry online



WWW.PALOMAT.COM

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