

# PALOMAT<sup>®</sup> Flexomatic

Efficient pallet flow - no manual lifting of pallets

## Fully automatic stacking and destacking

You insert or remove the pallets using a hand pallet truck, electric stacker or a full-size forklift truck. All handling is carried out at floor level. The PALOMAT<sup>®</sup> Flexomatic detects the pallets via photo sensors after which they are fully automatic stacked or destacked one by one.

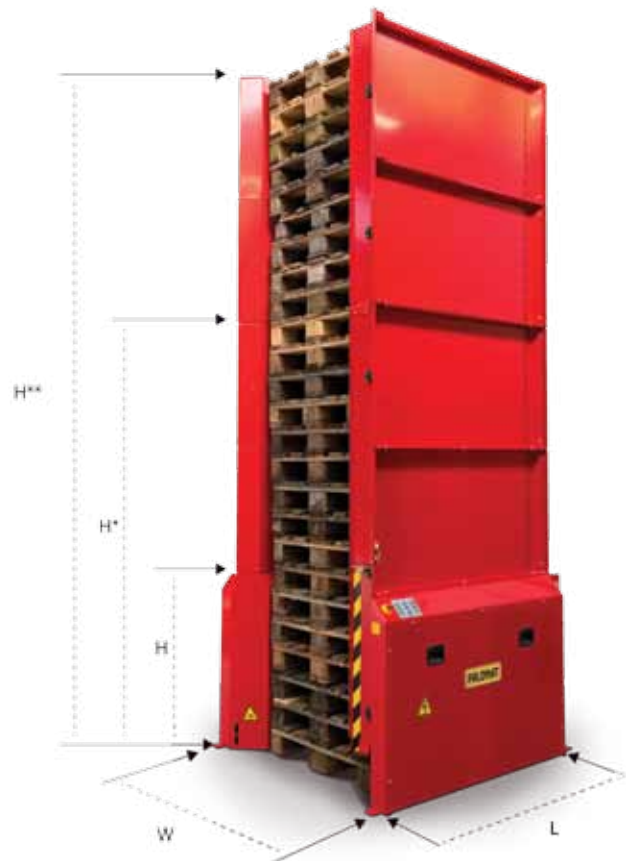
When selecting destacking, a stack of no more than 15 to 25 pallets will be inserted in the PALOMAT<sup>®</sup>, after which the pallets are fully automatic destacked one by one. When selecting stacking, the pallets are inserted one by one, after which the pallets are fully automatic stacked to no more than 15 to 25 pallets. The entire stack

can subsequently be removed.

PALOMAT<sup>®</sup> Flexomatic is only operated manually using the touch panel when there is to be a change between stacking and destacking or vice versa. In addition to this, the PALOMAT<sup>®</sup> Flexomatic operates fully automatic.

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

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



## Your benefits with PALOMAT<sup>®</sup>

- 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



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

Technic	
Power source	Consumption
Compressed air 6-7 bar + 100-240V AC, 50-60 Hz	36 litres per cycle
Compressed air 6-7 bar + 100-240V AC, 50-60 Hz	36 litres per cycle
Compressed air 6-7 bar + 100-240V AC, 50-60 Hz	72 litres per cycle
Compressed air 6-7 bar + 100-240V AC, 50-60 Hz	72 litres per cycle

\* Incl. safety frame for 15 pallets - option

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

Control: Siemens S7-1200  
Pneumatics: SMC

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

You can read more about PALOMAT<sup>®</sup> Flexomatic, options, technical data etc. on [www.palomat.com](http://www.palomat.com)

