



## PALLET MASTER

Load, unload and store



# PALLETMASTER® PALLET DISPENSERS

[www.palletmaster.fi](http://www.palletmaster.fi)

## PALLETMASTER® RANGE

High-quality and innovative PalletMaster® dispenser offer a solution for improved work ergonomics and productivity in industrial environments. Designed to provide efficient and safe handling of pallets, PalletMaster® makes your work smoother and safer than ever before. Here are a few reasons why Pallet Master is the best choice:

- Significantly improves work ergonomics
- Automatic pallet loading and unloading function enhances efficiency
- Substantially reduces the risk of accidents
- Ensures pallets remain in better condition
- Greatly improves pallet storage management
- Hygienic solution reduces the need for manual pallet handling
- Capacity ranges from 16 pallets (S and M) to even up to 25 pallets (L)

Explore PalletMaster® dispensers and get in touch to tailor a solution that meets your specific needs.



## PALLETMASTER® OPERATION

Unlock Efficiency with **Automatic Mode**:

Introducing our automatic mode for pallet dispensers, available in both pneumatic and electric operating energy versions.

When pallets are on the floor, drive a new pallet into the front sensors of the machine, and watch as it effortlessly lifts and stacks them, eliminating the need for manual intervention.

Effortlessly remove pallets by sliding an empty hand pallet truck underneath, allowing the machine to automatically dose and lower the remaining stack. Take the advantage of seamless stacking and unstacking operations without any interface interaction, streamlining your overall workflow.

In addition to the standard features, our **electric** version boasts two additional operating modes:

**Stacking:** Place a pallet to the dispenser, and once the forklift is removed, watch as the it automatically stacks and elevates the pallets, ready for the next load.

**Unstacking:** The dispenser precisely doses one pallet to the floor while raising the remaining pallets, facilitating easy removal of new, empty pallet. Once the dosed pallet is taken, the next one is automatically dispensed.

### NOTE:

Our PalletMaster® products can accommodate various pallet sizes, with the ability to handle 800x1200 mm or 1000x1200 mm pallets, except for the PalletMaster® M and L for 1/2 pallets models, which are designed specifically for 600x800 mm pallets. In case the machine is equipped with the safety extension walls the back plates must be replaced.

Standard features in all machines:

Standard features across all machines include a front-mounted operating panel for easy operation and full information at a glance, along with panels and switches immersed within the frame for durability. With a lockable main switch positioned at the back right-hand corner, complete control is always within reach.

Upgrade your pallet handling experience with PalletMaster® – where efficiency meets innovation.



## PNEUMATIC DISPENSERS

Model	Pallet standard / Operating energy	Pallet size (mm)	Capacity	Pallet dispenser measurements (mm)
PalletMaster® S	EUR / Pneumatic	1200 x 800	16 pallets / 500 kg	1500 x 1400 x 1020
PalletMaster® S	FIN / Pneumatic	1200 x 1000	16 pallets / 500 kg	1500 x 1600 x 1020
PalletMaster® M	EUR / Pneumatic	1200 x 800	16 pallets / 500 kg	1500 x 1400 x 2430
PalletMaster® M	FIN / Pneumatic	1200 x 1000	16 pallets / 500 kg	1500 x 1600 x 2430
PalletMaster® L	EUR / Pneumatic	1200 x 800	25 pallets / 1000 kg	1500 x 1400 x 3830
PalletMaster® L	FIN / Pneumatic	1200 x 1000	25 pallets / 1000 kg	1500 x 1600 x 3830

### PalletMaster® pneumatic dispenser

Capacity:  
16 pallets / 500 kg or 25 pallets / 1.000 kg  
Pneumatic (6 bar) operated – requires 230V 50Hz, 10A

Functions: Automatic stacking/unstacking of 1 pallet simultaneously as well as emptying/filling the whole stack.

Incl. bolts for fastening to the floor, safety extension walls, overfilling sensor and safety gate sensor, wooden pallet for transport (upper part of the safety wall extension demounted for transportation).

Extra accessory:

- ▶ Safety barrier set
- ▶ Safety wall
- ▶ Overfill sensor to safety wall
- ▶ Forklift protection barrier
- ▶ Signal beacons
- ▶ Guard fence



## ELECTRIC DISPENSERS

Model	Pallet standard / Operating energy	Pallet size (mm)	Capacity	Pallet dispenser measurements (mm)
PalletMaster® M 1/2 Pallets	1/2 pallets Electric	600 x 800	16 pallets / 250 kg	1350 x 860 x 2430
PalletMaster® L 1/2 Pallets	1/2 pallets Electric	600 x 800	25 pallets / 500 kg	1350 x 860 x 3730
PalletMaster® S	EUR / Electric	1200 x 800	16 pallets / 500 kg	1500 x 1400 x 1020
PalletMaster® S	FIN / Electric	1200 x 1000	16 pallets / 500 kg	1500 x 1600 x 1020
PalletMaster® M	EUR / Electric	1200 x 800	16 pallets / 500 kg	1500 x 1400 x 2430
PalletMaster® M	FIN / Electric	1200 x 1000	16 pallets / 500 kg	1500 x 1600 x 2430
PalletMaster® L	EUR / Electric	1200 x 800	25 pallets / 1000 kg	1500 x 1400 x 3830
PalletMaster® L	FIN / Electric	1200 x 1000	25 pallets / 1000 kg	1500 x 1600 x 3830

### PalletMaster® fully electric pallet dispenser

Capacity  
16 pallets / 500 kg or 25 pallets / 1000kg  
Power – 230 V 50 Hz, 10 A  
Power consumption: 500 W

Functions

- ▶ Automatic stacking/unstacking
- ▶ Stacking: always a slot for new pallet
- ▶ Unstacking: always a pallet dispensed for pick up
- ▶ Load or unload a full stack of pallets in one operation

Incl. bolts for fastening to the floor, wooden pallet for transport. Standard painting RAL 7024/3020

Extra accessory:

- ▶ Safety barrier set
- ▶ Safety wall
- ▶ Overfill sensor to safety wall
- ▶ Forklift protection barrier
- ▶ Signal beacons
- ▶ Guard fence

### PalletMaster® for 1/2 pallets

Capacity  
16 pallets / 250 kg or 25 pallets / 500kg  
Power – 230 V 50 Hz, 10 A  
Power consumption: 500 W



# CUSTOMIZE THE PALLETMASTER®

## ELECTRIC 1-5 DISPENSERS

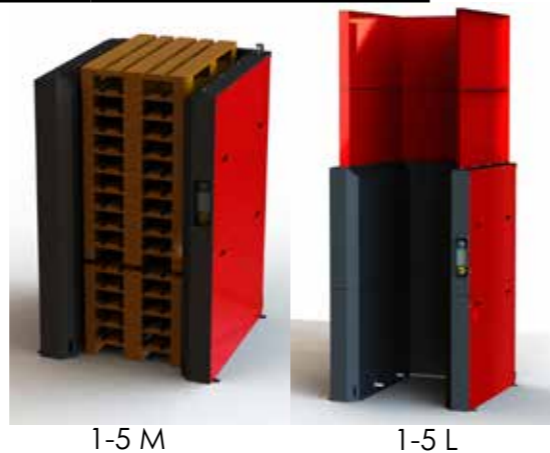
Model	Pallet standard / Operating energy	Pallet size (mm)	Capacity	Pallet dispenser measurements (mm)
PalletMaster® 1-5 M	EUR / Electric	1200 x 800	16 pallets 500 kg	1550 x 1400 x 2150
PalletMaster® 1-5 M	FIN / Electric	1200 x 1000	16 pallets 500 kg	1550 x 1600 x 2150
PalletMaster® 1-5 L	EUR / Electric	1200 x 800	25 pallets 1000 kg	1550 x 1400 x 3568
PalletMaster® 1-5 L	FIN / Electric	1200 x 1000	25 pallets 1000 kg	1550 x 1600 x 3568

### PalletMaster® fully electric, semi-automatic pallet dispenser

Capacity:  
16 pallets / 500 kg or 25 pallets / 1000 kg  
Power – 230 V 50 Hz, 10 A  
Power consumption: 500 W

Functions:  
1-5 pallets can be taken to the machine at the same time for semi-automatic stacking or, conversely, 1-5 pallets can be taken off the machine at the same time at floor level. The number of pallets must be specified using the dial switch. Capacity 16 or 25 pallets. Incl. bolts for fastening to the floor, safety wall extension, wooden pallet for transport. Safety extension walls, overfilling sensor and safety gate sensor in L model.

- Extra accessory:
- ▶ Safety barrier set
  - ▶ Safety wall
  - ▶ Overfill sensor to safety wall
  - ▶ Forklift protection barrier
  - ▶ Signal beacons
  - ▶ Guard fence



1-5 M

1-5 L



Forklift protection barrier. 1 set incl. bolts



Overfilling sensor for M and L units fitted onto the safety wall extension



Cold temperature package for installation into the cold warehouses or loading platforms etc. down to -25°C. Available for electric machines. Includes heating element and thermostat inside the electric cabinet.



Standard paintings for side panels and safety extension are RAL 3020 and 7035. Basic machine is as standard RAL 7024.

Other standard RAL-colours also available.



Galvanised or stainless-steel versions also available. Ask the quotation separately.



Floor mounted stopper plates for handling CHEP-pallets.



Models for system integrators are also available



**PALLET  
MASTER**  
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## PALLETMASTER® FOR PALLET STACKING NEEDS



Machines are CE-marked.  
Warranty 12 months.  
Made in Finland.



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