Depth of tray fitted for Euro containers, 600 mm

610 mm

2445 mm

600 – our most compact solution

The 600 is our latest version of our Lift and Twin models, developed to meet the industry's growing need for compact, ergonomic and efficient storage.

With its unique 600 mm tray depth, tailored for Euro containers, it combines modern technology with ease of use.

The format fits both smaller manufacturing units and workshops. This is the ideal solution for companies ready to take the next step, whether the goal is to replace older vertical carousels or increase picking speed in production.

Ergonomics

For frequent picking, the 600 mm tray depth provides an ergonomically advantageous reach to the stored goods. All at an optimal picking height.

Key benefits

- Small footprint, easy replacement of existing systems
- Improved ergonomics for the operator, enabling faster picking
- Modern rack-and-pinion drive for high reliability
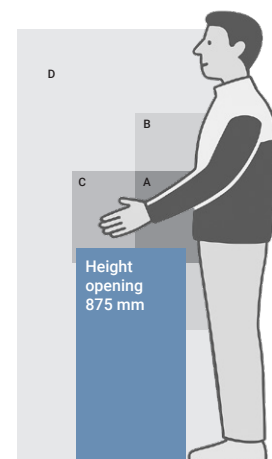- Integrates with software for an even more modern solution

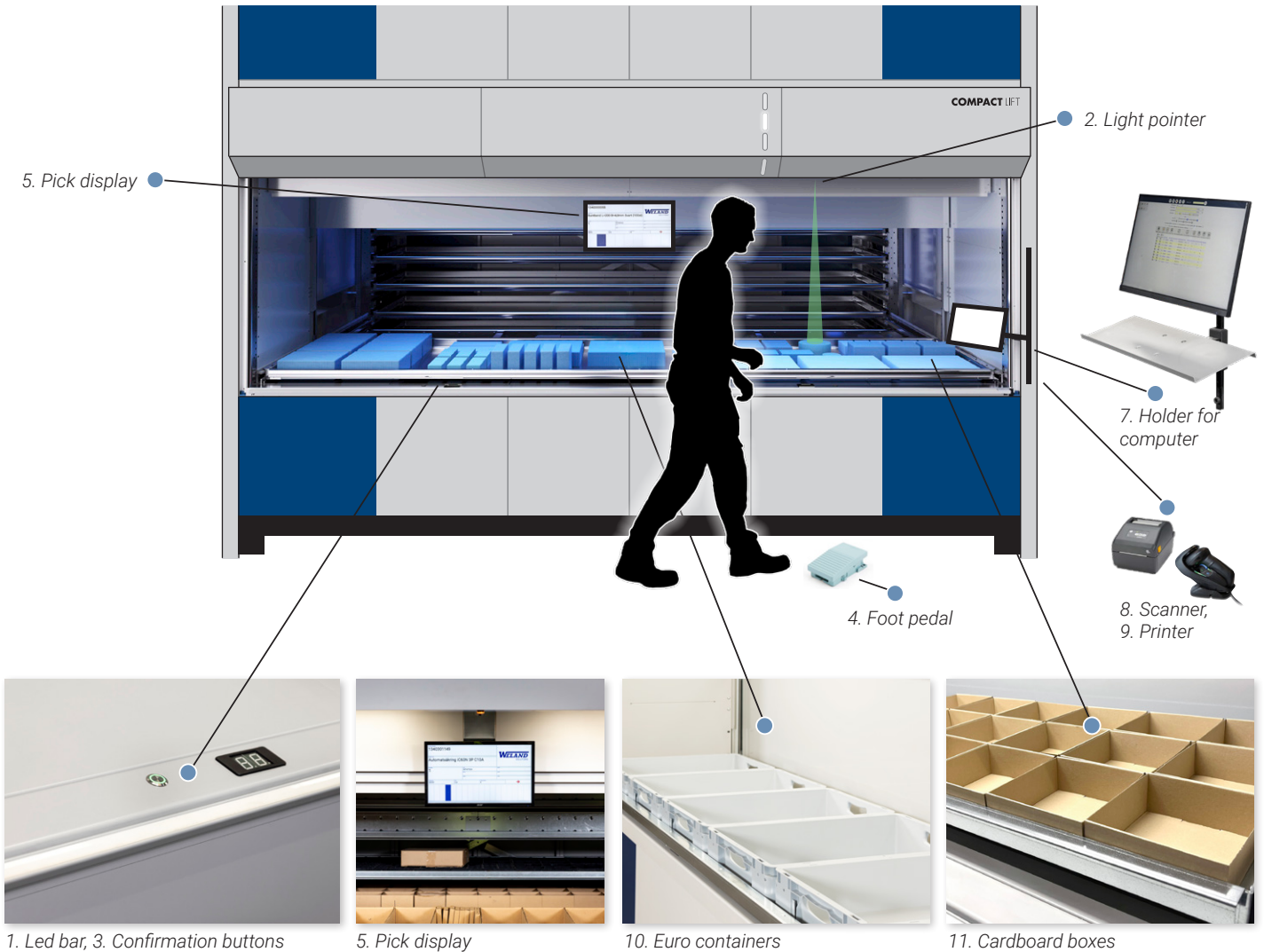## Technical information

VLM - VERTICAL LIFT MODULE

Model	Lift, Twin
Height	2576 - 10076 mm
Width	2917 / 3527 / 4137 mm
Depth	2370 / 2445 mm
Shutter door standard	

TRAY

Tray width	2440 / 3050 / 3660 mm
Tray depth	610 mm
Tray capacity	300 kg

Height opening 875 mm

With its reduced tray depth, the 600 version provides clear ergonomic benefits. Zone A remains fully optimal, and even Zone C at the rear of the tray stays within a comfortable reach envelope for the operator.
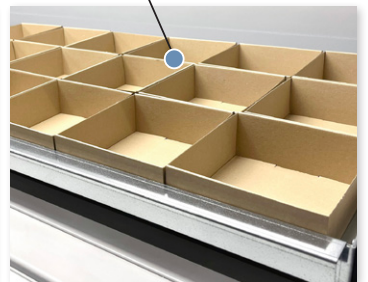
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5. Pick display

2. Light pointer

7. Holder for computer

4. Foot pedal

8. Scanner, 9. Printer

1. Led bar, 3. Confirmation buttons

5. Pick display

10. Euro containers

11. Cardboard boxes

Options

PICKING FACILITIES
1. Led bar*
2. Light pointer*
3. Confirmation buttons
4. Foot pedal
5. Pick display
6. Height measuring 1000 mm
7. PC-kit
8. Scanner
9. Label printer

TRAY FITTINGS
10. Euro containers
11. Cardboard boxes

*Requires that the VLM control unit is managed by a supervisory system.

1. LED BAR*
Led bar with diodes along the front of the opening. The diode lights up at the level where the item should be picked, and a number shows in which depth compartment the item is located. An effective picking tool that works best together with a pick display.

2. LIGHT POINTER*
The light pointer is an effective picking tool when the trays contain many compartments with small items.
A 50 mm cone of light with a fixed green beam clearly points down into the correct compartment. The light pointer works best together with a pick display that indicates inbound/outbound transactions and quantities.

3. CONFIRMATION BUTTONS
Confirm the picking quickly and easily using the button.
Each opening has two recessed buttons next to the depth indicator display.

4. FOOT PEDAL
For large or heavy goods that need to be lifted with both hands, the confirmations is easily done with a foot pedal.

5. PICK DISPLAY
Our most common picking tool. A monitor with a clear interface that provides the operator with all necessary order information and an overview of the tray.
A colour marking indicates the position of the compartment where the pick should be made, to minimise picking errors.
An arrow on the screen shows whether it is inbound, outbound, or inventory.
Can be combined with other picking tools to further simplify the process.

6. HEIGHT MEASURING 1000 MM
Additional height measurement unit, for goods exceed 575 mm in height. Available in configurations without pick display.

7. HOLDER FOR COMPUTER
Stand with mounts for printer, monitor and keyboard to facilitate picking.

Designed for an ergonomic working position. Sold as a complete kit or as individual components.

8. SCANNER
Use to acknowledge items, storage locations, and orders. Available as handheld or ring/finger scanner.

9. LABEL PRINTER
For printing labels to mark items, locations, and orders. Label printing requires control via WMS or ERP.

10. EURO CONTAINERS
Provides stability, while the straight sides and modular sizes simplify stacking and storage. Standard version is with a solid, plain bottom.

11. CARDBOARD BOXES
Lightweight, practical corrugated cardboard boxes with compartments suitable for picking small items.
The boxes are available in several sizes and are suitable for most storage needs.

16. Plexi glass on short side,17. Led bars inside the shaft

Options

OTHER

12. Sound proofing
13. Fire extinguisher**
14. ESD - protection against static electricity
15. UPS - battery back up
16. Plexi glass on short side
17. Led bars inside the shaft
18. Custom color on cladding panels

13. Fire extinguisher in the shuttle unit.

**Available option for VLM with tray width 3050 and 3660 mm.

12. SOUND PROOFING

Reduce noise and create a more quiet working environment. Our sound insulation panels are mounted on the inside of the cladding panels on the two lower rows around the entire unit. They decrease noise from the VLM at the source and contribute to a more comfortable and efficient workplace.

13. FIRE EXTINGUISHER SHUTTLE UNIT

Increase the safety of your VLM with a fire protection system. Our fire suppression solution combines smart sprinkler integration with a Direct High-Pressure (DHP) system that quickly and effectively extinguishes fires caused by overheating or open flames inside the shuttle unit. The system operates independently of electricity, requires minimal supervision, and can be installed on all models.
Together with options for external fire-alarm connection and UPS solutions, you get comprehensive protection that minimizes damage and downtime, ensuring safe operation even during critical events.

14. ESD - PROTECTION AGAINST STATIC ELECTRICITY

Enhance the protection in your VLM with our ESD accessory, which directs static electricity away from both the trays and the machine frame thanks to antistatic brushes and full potential equalization.
The result is increased operational reliability and safe handling of sensitive components, fully integrated into your VLM.

15. UPS - BATTERY BACK UP

An UPS unit ensures that critical components continue to receive power during a power outage, preventing the VLM from losing information about the carrier's position.
Without backup, such an interruption would require a full reference search to restore the machine's position.
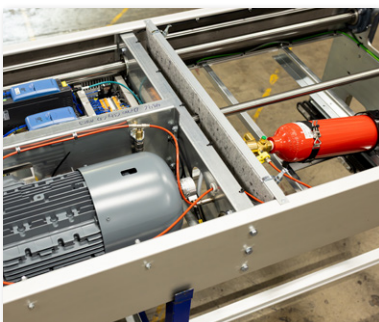With battery backup, you save time and enable a controlled shutdown and restart.

16-17 PLEXI GLASS SHORT SIDE & INTERIOR LIGHT

Give your VLM a modern and visually striking appearance. With transparent plexiglass cladding inside the shaft and an integrated LED light strip, a sleek and dynamic lighting effect is created that enhances the overall look of the machine.
The plexiglass cladding can be installed on one or both short sides.
The accessory does not affect function or performance, it simply provides an attractive and professional visual experience for showrooms, demo environments, or workplaces that want to stand out.

18. CUSTOM COLOR ON CLADDING PANELS

If desired, your VLM can be painted in any preferred colour and customized with your own design elements.

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