



VERTICAL STORAGE LIFTS

For small and large storage solutions







RAISING YOU TO THE RIGHT LEVEL

Ever since we started in 1999, our goal has been to be at the cutting edge. Bearing in mind this ambition, we have worked proactively to pursue innovative solutions to give optimal performance that will last for generations. With extensive expertise and understanding of customer needs and wishes, we assist you long after the project has been completed. You can expect commitment and dedication from us as your long-term business partner. We raise your business to new heights. You decide to which level.

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COMPACT VERTICAL LIFT



*Save personnel, time,
money and 70-90% of
the floor space.*

We optimise your stock handling

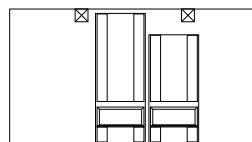
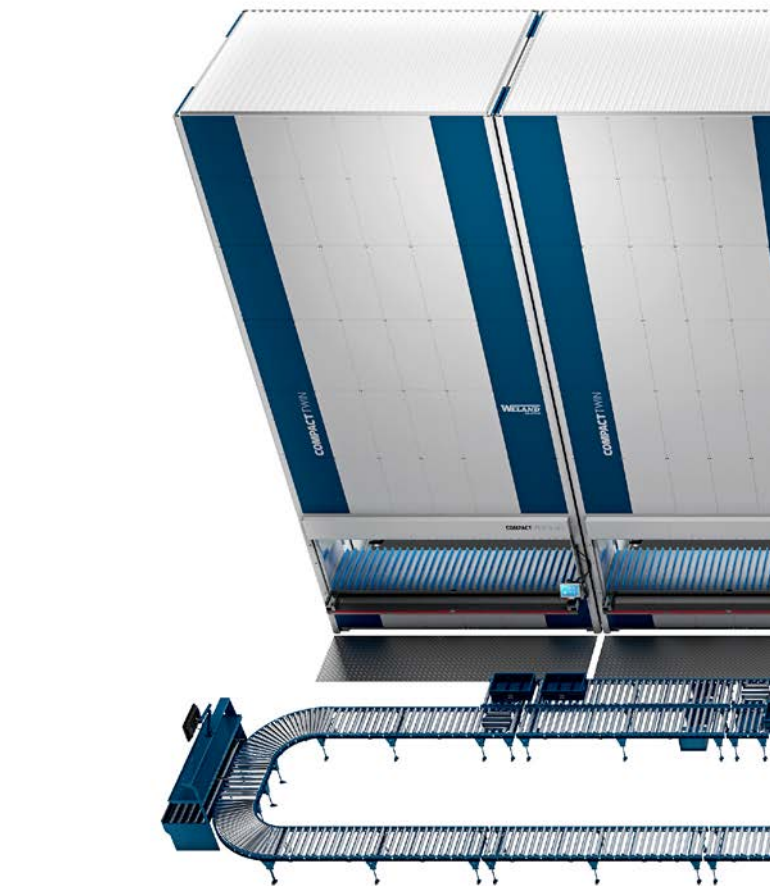
With Compact Vertical Storage Lifts, we transform all of your stock handling. We customise the vertical storage lift to suit your needs and you obtain faster and simpler handling of more items in a significantly smaller area. At the same time, your staff obtain considerably improved working conditions.

Compact vertical storage lifts store your articles vertically, securely and in a controlled way. Each vertical storage lift is adapted to make optimum use of the space. You save 70-90% of the floor space compared to standard shelving and pallet racks.

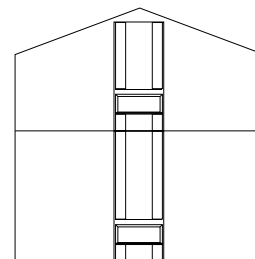
A vertical storage lift has large effective load trays without posts or end panels that waste space. The load trays can have different height measurements depending on the size of the stored goods. This means the storage volume is compacted to the maximum with a minimum of space between the load trays. In addition, the full height of the premises can be utilised. There are other important advantages, such as the whole load tray slides out in the service opening, which provides good ergonomics and a gentle working environment.

Optimisation of premises

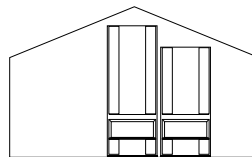
The concept of premises optimisation is not just about getting the maximum storage capacity in the minimum floor space. Equally important are the right peripherals and correct flow of goods from the vertical storage lift to distribution or production in the company. Weland Solutions has knowledgeable and experienced personnel who can propose logistic solutions that provide great value and maximum efficiency.



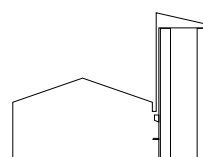
Beams in the roof



Several floors, several openings



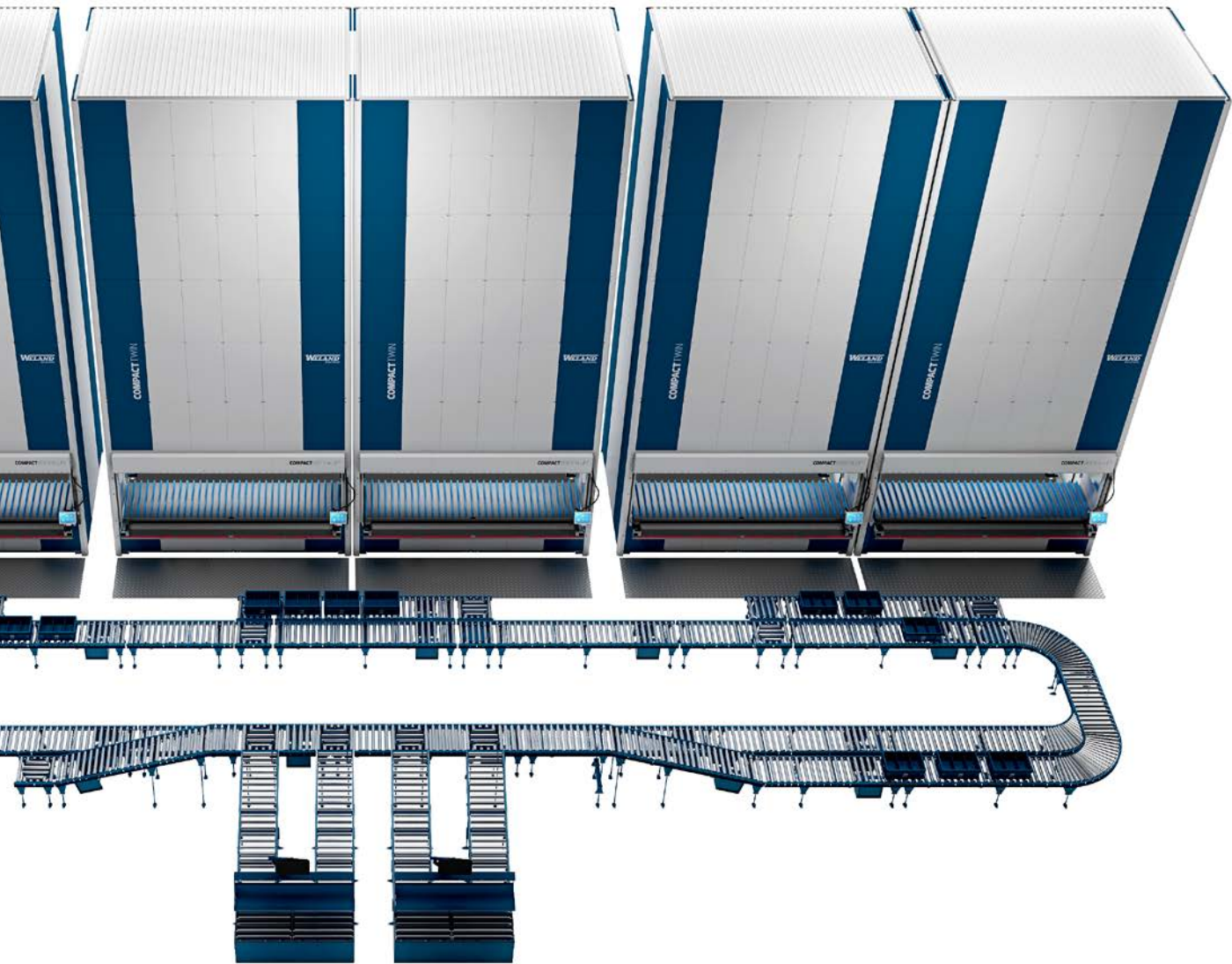
Sloping roof



Outside the building

Customised to suit your premises

Our vertical storage lifts are adapted to suit each company's premises, to ensure the minimum possible floor area holds the largest possible storage volume. The height can be varied from 3 to 16 metres. Based on the customer's existing premises with varying ceiling heights, floor structures, door placements and truck routes, etc. we maximise the storage volume on a minimum floor space.



BENEFITS WITH COMPACT VERTICAL STORAGE LIFTS

Finances

- Low operating cost.
- Efficient stock handling
- Short payback time.
- Increase in capacity.
- Quick installation and commissioning.
- Energy-efficient.
- Space-saving.
- Control of stored articles.
- Minimised complaint costs.

- Future safe.
- Seasonally dependent capacity.
- Expandable.

Use of resources

- High level of service
- Delivery precision.
- Minimised incorrect picking.
- Floating storage locations.
- Increased traceability.

Work environment

- Short training time.
- Good ergonomics.
- Work at a uniform pace.
- Reduced sick leave.
- Simple work method.
- Flexible choice of picking methods.
- Reduced risk for personal injuries.

Step by step towards the right storage solution

Doing business with Weland Solutions is easy. We work according to our own project method, developed in-house, where we quickly identify your needs, find solutions to optimise your premises, plan the design and the installation as well as estimate the budget and timetable, giving you clear information for your decision on your new investment.

1. Start-up

At our first meeting, we run through your operations together and see what improvements we can suggest based on our experience, expertise and commitment.

2. Proposed solution

The next time we meet, we present the way your storage solution could look, what the change involves and how large an investment will be needed. At the same time, we show how quickly it will pay for itself. In our solution, we describe the vertical storage lift, the system solution, the accessories, the installation, training and maintenance alternatives.

3. Fine-tuning

You are convinced that we are a good partner to work with, and together we fine-tune the proposed solution so all questions are answered.

4. Ordering

As soon as you place your order, we start our manufacturing process and the joint work to plan the project. Your customised vertical storage lift is manufactured in our factory in Gislaved, Sweden, until it is time for installation.

5. Commissioning

As a rule, we do not need more than four days per vertical storage lift for installation on your site. Our installers are used to working in different surroundings with all imaginable challenges. They remain available all the way to commissioning and handover, when we have made sure that you understand the safety rules and the basic functions of the compact storage lift.

6. Maintenance contract

With regular maintenance, your vertical storage lift will work a long time without unnecessary stoppages. By signing a maintenance contract, you can guarantee that both the regular maintenance and any emergency measures are managed in the best possible way.

7. Follow-up

You are always welcome to contact us when you need help expanding or developing the storage system or if the vertical storage lift needs moving. Also, remember to plan in our courses for your operators, superusers and mechanics.





We adapt the vertical storage lift to the dimensions, capacity and colour that you want. Build your own vertical storage lift in our configurator on **welandsolutions.se**. We will get back to you within 24 hours.

Compact vertical storage lifts
handle up to 1500 kg / load
tray, equivalent to a small car.

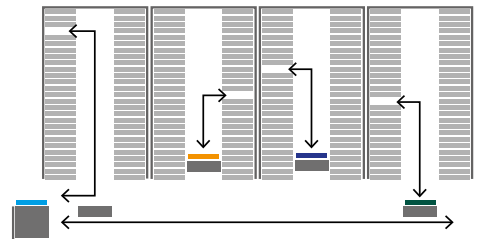


COMPACT VERTICAL STORAGE LIFTS

Compact Vertical Storage Lifts are strong, stable and work with great precision. The lift is driven by 4 substantial cogwheels that run on solid gear racks.

The four-wheel drive provides very stable movement and, as a result, loads from a few kilograms up to 1500 kg per load tray can be controlled to millimetre precision. Moreover, the Vertical Storage Lift's stability allows it to handle load trays that are unevenly loaded.

The robust design, which can manage loads totalling 100 metric tonnes, is hardwearing and does not need much maintenance. The flexible chassis can be adapted to the conditions on your premises, so we can place the vertical storage lift where it is most useful.



Optimise both the picking rate and floor area with Compact Multi.

Build in depth

Compact Multi is a perfect solution when you need to utilise the space behind instead of to the side. By placing several vertical storage lifts in a row one behind another, with independent openings in both directions, the floor area is used optimally. Contact our sales team for more information.

Three basic models

Compact Lift (p.12-13)

Equally suitable for large volumes of small articles as for heavy or bulky products.

Compact Twin (p.14-15)

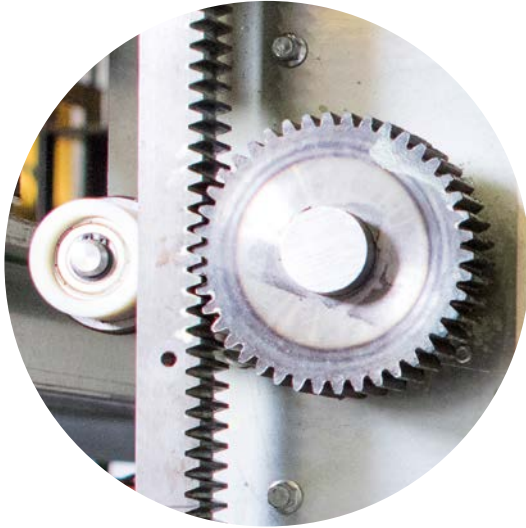
Handles two load trays simultaneously and the picking rate can be more than doubled.

Compact Double (p.14-15)

The same type of storage lift as the Compact Twin, but it handles even more items thanks to its double trays in the depth.

WHY CHOOSE COMPACT VERTICAL STORAGE LIFTS?

- Strong – up to 1500 kg/load tray.
- Stable movement with speed adjusted to the weight.
- Exact positioning.
- Reliability.
- Minimal maintenance.
- Continuous weight control.
- Continuous stocktaking.
- Absolute traceability.
- Flexible external dimensions.
- Secure storage.
- Storage optimisation thanks to frequency control.



The lift is driven by cogwheels that run on homogeneous gear racks. The load tray manages up to 1500 kg.



COMPACT LIFT

The lift is driven by cogwheels that run on homogeneous gear racks. This provides very stable movement and precise positioning of the load tray. With less wear and reduced maintenance requirements, high operating reliability is guaranteed.

TECHNICAL INFORMATION

- | | | |
|--|--|--|
| <ul style="list-style-type: none">• Maximum load capacity: 100,000 kg• Height: 3000–16,000 mm• Width: 1697–6929 mm• Depth: 1554–4248 mm• Width, load tray: 1220–6460 mm• Depth, load tray: 350–1230 mm• Tray divider: 25/50 mm | <ul style="list-style-type: none">• Max. load weight per load tray: 300-1500 kg• Height of goods measurement (in 25 mm intervals)• Height of goods measurement: option up to 1000 mm• Safety curtain for personal protection• Storage optimisation | <ul style="list-style-type: none">• Weight check• Password protection• Group rights and authorisation• Language selection• Ambient temperature® / Relative humidity (%RH) no condensation: 2–40/10-85%• Voltage, 3-phase: 400 V• Current, AC 50Hz (A): 25/32 |
|--|--|--|



This is how the Compact Lift works



Watch a video showing the vertical storage lift working on welandolutions.se



The elevator in the Compact Twin can handle two trays simultaneously, which increases the picking rate.



COMPACT TWIN

When time is of the essence, the Compact Twin is the natural answer.

By handling two load trays in the same sequence, with one tray in the waiting position and one in the picking position, the picking rate can be more than doubled.

TECHNICAL INFORMATION

- Maximum load capacity: 50,000 kg
- Height: 3000–16,000 mm
- Width: 2307–4747 mm
- Depth: 1554–4248 mm
- Width, load tray: 1830–4270 mm
- Depth, load tray: 350–1230 mm
- Tray divider: 25 mm
- Max. load weight per load tray: 300-500 kg
- Height of goods measurement (in 25 mm intervals)
- Height of goods measurement: option up to 1000 mm
- Safety curtain for personal protection
- Storage optimisation
- Weight check
- Password protection
- Group rights and authorisation
- Language selection
- Ambient temperature® / Relative humidity (%RH) no condensation: 2–40/10-85%
- Voltage, 3-phase: 400 V
- Current, AC 50Hz (A): 25/32

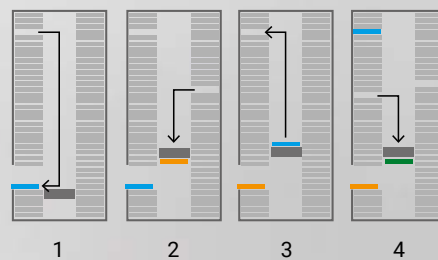


This is how the Compact Twin works

1. Tray 1 is fetched. 2. Tray 2 is fetched to the waiting position.
3. Tray 1 is fetched, tray 2 is placed in the picking position.
4. Tray 1 is left and tray 3 is fetched.



Watch a video showing the vertical storage lift working on welandolutions.se





The vertical storage lift has double load trays in the depth, which means a depth up to 7286 mm.

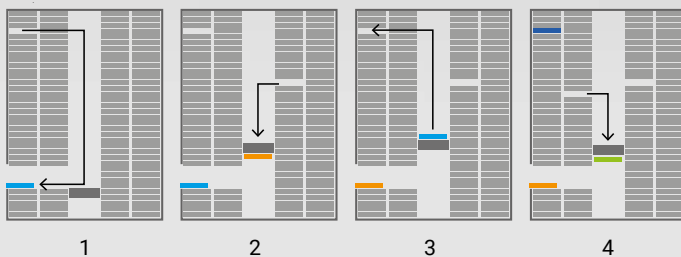


COMPACT DOUBLE

The Compact Double is basically the same vertical storage lift as the Compact Twin, but with double trays in each position. The vertical storage lift has double load trays in the depth, which means greater storage area per square metre of floor space, with maintained efficient handling.

TECHNICAL INFORMATION

- Max. load capacity (kg): 100,000
- Height: 3000–16,000 mm
- Width: 2307–6929 mm
- Depth: 4748–7286 mm
- Width, load tray: 1835–4275 mm
- Depth, load tray: 670–1230 mm
- Tray divider: 25/50 mm
- Max. load weight per load tray: 300/500 kg
- Height of goods measurement (in 25 mm intervals)
- Height of goods measurement: option up to 1000 mm
- Safety curtain for personal protection
- Storage optimisation
- Weight check
- Password protection
- Group rights and authorisation
- Language selection
- Ambient temperature@/ Relative humidity (%RH)
no condensation: 2–40/10–85%
- Voltage, 3-phase: 400 V
- Current, AC 50Hz (A): 25/32



This is how the Compact Double works

1. Tray 1 is fetched. 2. Tray 2 is fetched to the waiting position.
3. Tray 1 is fetched, tray 2 is placed in the picking position.
4. Tray 1 is left and tray 3 is fetched.



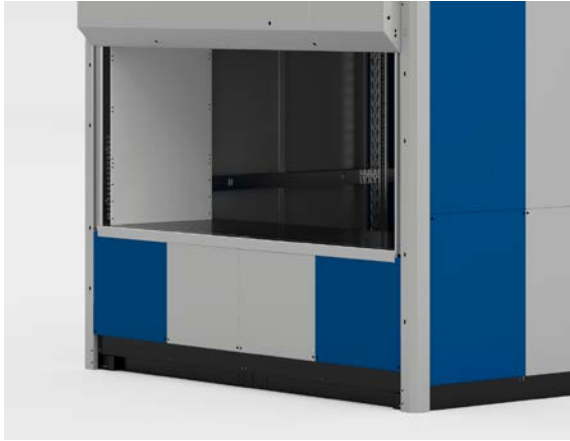
Watch a video showing the vertical storage lift working on welandsolutions.se



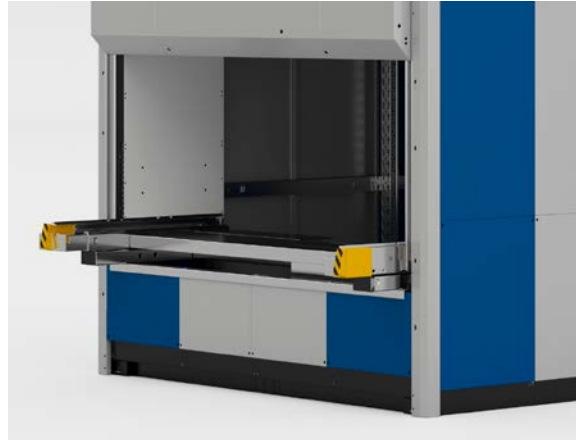
Flexible lift openings

Weland Solutions offers different types of lift opening to facilitate your stock handling and increase the efficiency of the picking process. We tailor-make our vertical storage lifts based on each customer's unique conditions and we can satisfy both small and large storage needs. In every case, time, space and money are saved – and the goods can be handled in a safe and rational way. Our experts are happy to guide you to the right lift opening for your operations!

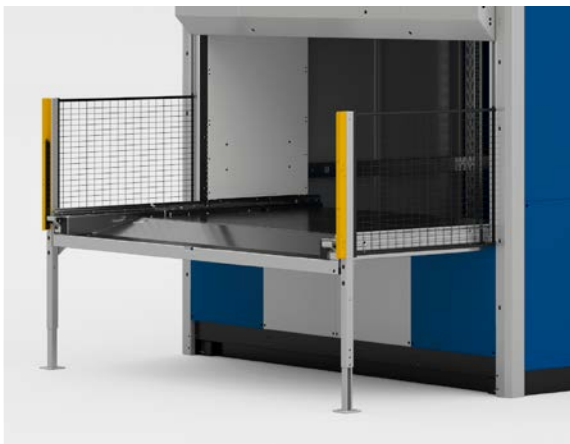
Height tray bottom (from floor level): 883 mm. Height to underside of electrical cabinet (from floor level): 1890 mm. Max. load height: 600 mm.



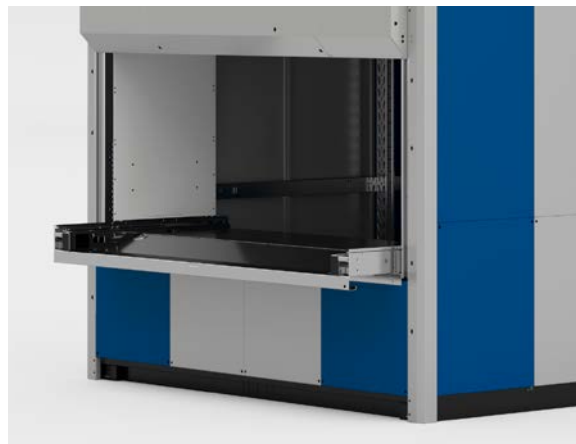
Compact lift



Compact Lift with 100% telescopic pull-out



Compact Lift with 100% fixed pull-out



Compact Twin

Compact Lift

Standard opening for the Compact Lift, where the operator receives the load tray at the same height every time. There isn't a pull-out in the operating opening, instead the load tray is directly placed in the right position.

Height from bottom edge of opening (from floor level): 845 mm. Storage width: the vertical storage lift's width + 10 mm.

Compact Lift with 100% telescopic pull-out

This is used if you have heavy goods on the load trays and need lifting equipment to handle these. Advantageous if the premises are cramped and a fixed pull-out is not wanted.

Height pull-out (from floor level): 923 mm. Protrusion in resting position (from cover): 495 mm. Protrusion in expanded position (from cover): 910 mm. Storage width: the vertical storage lift's width + 10 mm.

Compact Lift with 100% fixed pull-out

This is used if you have heavy goods on the load trays and need lifting equipment to handle these. It is also commonly used for robot picking in order to take out the goods in the correct position.

Height pull-out (from floor level): 700 mm. Height protection (from floor level): 1555 mm. Protrusion (from cover): 1060 mm. Storage width: the vertical storage lift's width + 10 mm.

Compact Twin

Standard opening for the Compact Twin, where the operator receives the load tray at the same height every time. There is a short pull-out in the operating opening, which allows the Compact Twin to fetch the next load tray. In addition, the operator has space under the load tray, which further simplifies the picking.

Height pull-out (from floor level): 833 mm. Protrusion (from cover): 350 mm. Storage width: the vertical storage lift's width + 10 mm.

Simple control of the system with Compact Store

Weland Solutions has developed the WMS system (Warehouse Management System) Compact Store. The system is designed to control Weland Solutions' Vertical Storage Lifts efficiently and effectively.

The system is modular, which means that it is easy to connect new functionality as the need arises. This means that the system provides most features needed by the customer regardless of the size and complexity of the warehouse.

The system includes support for all the work stages included in normal warehouse management, such as putaway, combination, prioritising and starting picking orders, transfer and refilling with articles as well as stocktaking. The system has been developed in close cooperation with logistics companies and it has been in use since 1999. Compact Store has been delivered to more than 200 companies.

Connects to the business system

Compact Store can be used as a completely independent system, but is usually connected to an ERP system (Enterprise Resource Planning). The business system looks after the finances and Compact Store can be considered to be the warehouse module. Compact Store has been delivered together with the majority of commercially available business systems.

WMS

A WMS system is a warehouse system that is used in the daily operations in a warehouse. The WMS system enables the centralised management of tasks such as

stocktaking and storage locations. WMS systems can be independent applications or parts of a business system. The system simplifies the flow in the warehouse and maximises the productivity. It is important that the integration between the WMS system and the business system functions.

The Compact Vertical Storage Lifts can, in principle, be controlled by all available WMS systems. In some cases, an intermediate control system, such as Compact Store, may be needed.

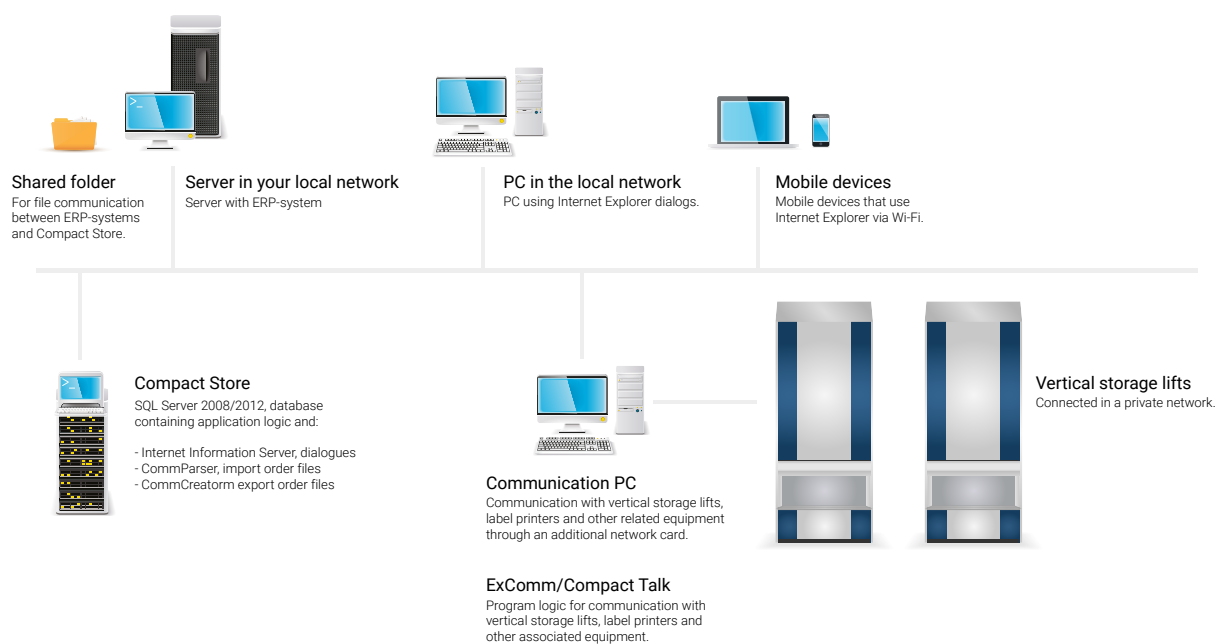
Selection of compatible business systems (ERP) and warehouse management systems (WMS)

- | | |
|-------------------------|-----------------------------|
| • Automaster | • Bison |
| • Garp | • Jeeves ERP and Jeeves WMS |
| • IFS | • Compact Store |
| • Kobra | • Logia WMS |
| • Microsoft Dynamics AX | • Astro WMS |
| • Logtrade | • Visma |



Compact Store is designed to control Weland Solutions' Vertical Storage Lifts efficiently and effectively.

System configuration





1

We deliver to match your needs

We design and manufacture the Compact vertical storage lifts at our factory in Gislaved. This means that we have full control and can customise the vertical storage lift according to the customer's requirements and the goods to be stored. We aim to use standard sizes but, if special dimensions are needed, this is not a problem!

1. Mobile control

It is now possible to control Compact vertical storage lifts via mobile devices with a personalised interface for the user instead of going via a computer. The person at the warehouse starts the order directly from his or her mobile phone or tablet computer and only sees his/her order on the screen.

2. Fire extinguishing system

In certain especially sensitive environments, equipping the vertical storage lift with a fire extinguishing system may be justified. In which case, it is the main drive in the elevator that is protected.



2



3



4



5



6

3. Extra service openings

An extra service opening can allow working with picking on several floors. Another application is when access is required to one vertical storage lift from two directions, with loading on one side and picking on the other.

4. Safe pallet handling

Compact Vertical Storage Lifts with pallet handling provide the truck operator with a secure and safe work situation. The equipment makes loading and unloading of pallets easier by the vertical storage lift and prevents risks of harm occurring during work.

5. Weighing system

The Compact Lift, with load trays suitable for loads up to 1.5 metric tonnes, makes it possible to increase the efficiency further and save valuable floor space during stock handling.

Weland Solutions' vertical storage lifts can be supplemented with a weighing-machine. The weighing system means the load trays are not overloaded and it indicates the trays that can be loaded with more goods.

6. Secure login

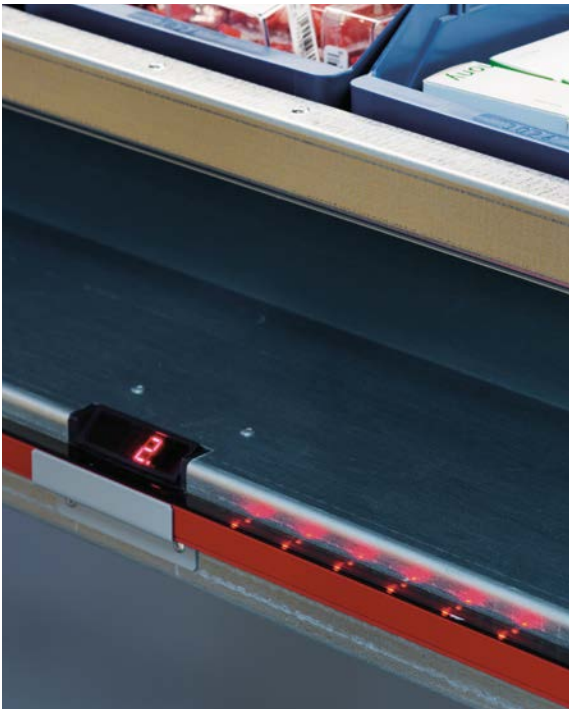
The login is easy, quick and secure with magnetic card, RFID or Fingerprint.



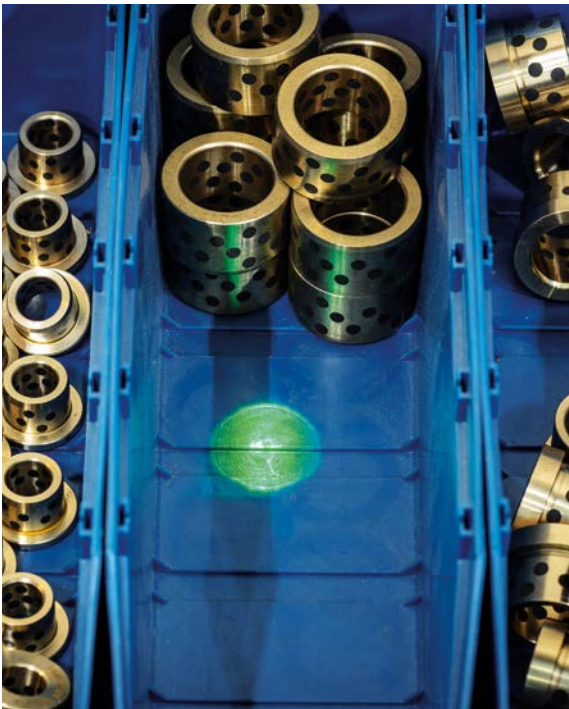
PICKING AIDS, ACCESSORIES & FITTINGS

Weland Solutions offers a wide range of picking aids, accessories and fittings for our vertical storage lifts – all designed to make your stock handling as efficient as possible. With Weland Solutions, you get access to a dedicated team of logistics experts who help you to see the opportunities – and with experience from thousands of storage lift installations, we know what's needed for an optimal storage solution. Unsure about which products would suit you best? Contact us and we will help you!





LED Bar



Light pointer



Picking Display

Faster and easier picking

Discover faster and easier picking with efficient picking aids that make the work more efficient. The products can be combined to create an optimal warehouse solution to suit your specific needs.

LED Bar

The LED bar is an efficient picking aid without moving parts, suitable for load trays with compartments. Light emitting diodes show from where on the load tray the operator has to pick goods. A depth indicator shows on a digital display the depth in the compartment from which the picking is to be done. The vertical storage lift has to be connected via Compact Talk to a WMS or ERP system.

Designation	Part no.
LED Bar 1220 – Compact Lift	FLED-1220
LED Bar 1830 – Compact Lift	FLED-1830
LED Bar 2440 – Compact Lift	FLED-2440
LED Bar 3050 – Compact Lift	FLED-3050
LED Bar 3660 – Compact Lift	FLED-3660
LED Bar 1220 for 100% telescopic pull-out	FLEDHU-1220
LED Bar 1830 for 100% telescopic pull-out	FLEDHU-1830
LED Bar 2440 for 100% telescopic pull-out	FLEDHU-2440
LED Bar 3050 for 100% telescopic pull-out	FLEDHU-3050
LED Bar 3660 for 100% telescopic pull-out	FLEDHU-3660
LED Bar 1220 – Compact Twin	FLEDKU-1220G23
LED Bar 1830 – Compact Twin	FLEDKU-1830G23
LED Bar 2440 – Compact Twin	FLEDKU-2440G23
LED Bar 3050 – Compact Twin	FLEDKU-3050G23
LED Bar 3660 – Compact Twin	FLEDKU-3660G23

Picking Display

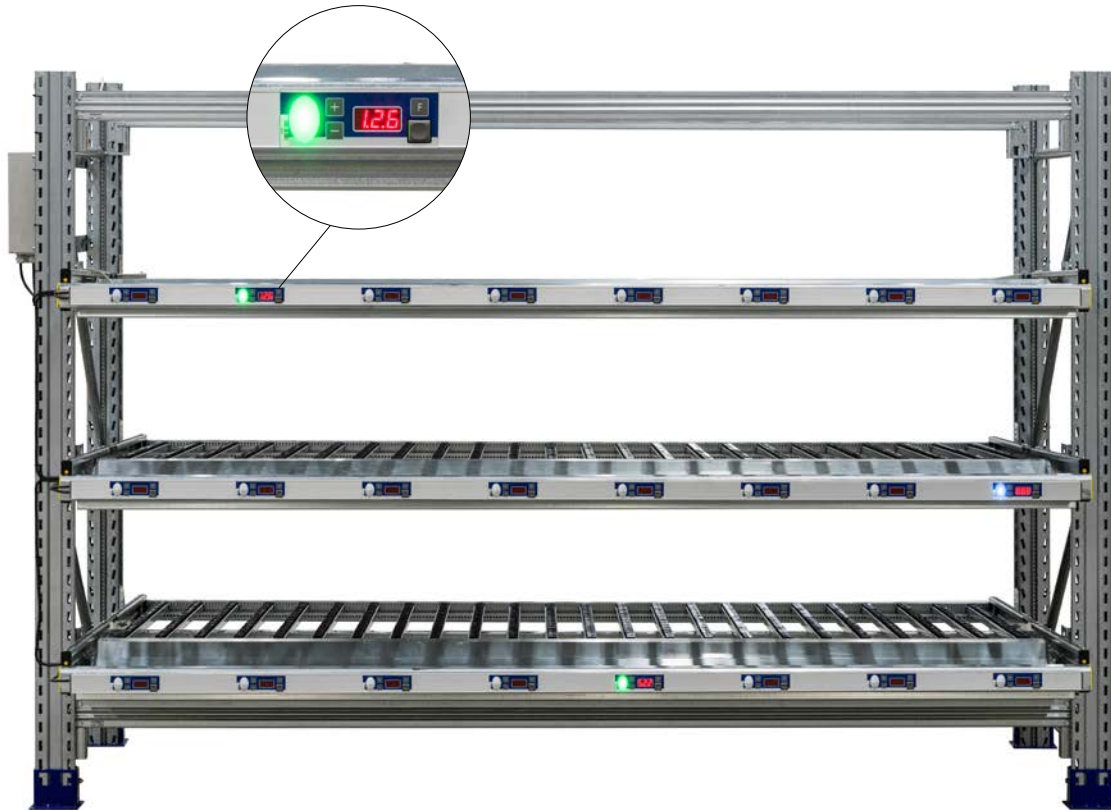
A user-friendly monitor provides the operator with order information and an easy-to-understand image of the load tray. A colour marking indicates the position in the current compartment from where the material is to be picked. An arrow on the monitor indicates incoming or outgoing deliveries, which minimises the risk for incorrect picking. The software is controlled via Compact Talk, with information from a WMS or ERP system.

Designation	Part no.
Picking display complete G2-3	FDP-G2-3

Light pointer

The light pointer is an efficient picking aid when the load trays have many small compartments. The light pointer illuminates the correct picking location with a steady, green light. Light beam approx. 50 mm.

Designation	Part no.
Light pointer 1220	FLP-1220G22
Light pointer 1830	FLP-1830G22
Light pointer 2440	FLP-2440G22
Light pointer 3050	FLP-3050G22
Light pointer 3660	FLP-3660G22



Put to Light – shelf



Put to Light – table on wheels



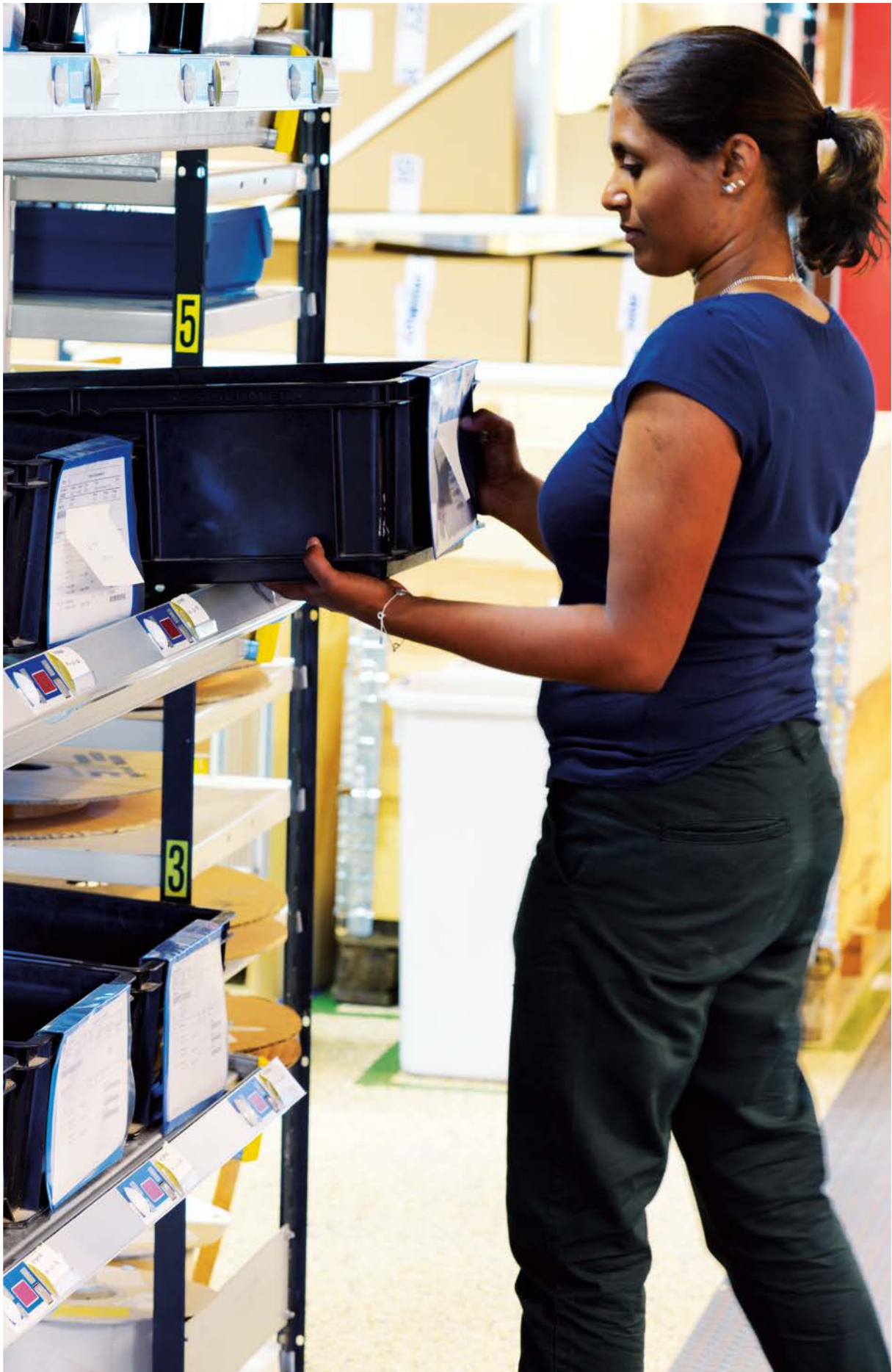
Put to Screen

Put to light

Efficient and quick solution for multi-picking when the operator has to pick an item that is included in multiple customer orders. Put-to-Light is an aid for the operator that indicates the customer order into which an article has to be placed once it has been picked from the vertical storage lift. With the help of LED displays, the operator is given information on how to allocate the picked articles between the various customer orders. As standard, the display can show three characters (up to 999). If additional characters are required, contact your salesperson for more information.

Put to screen

Put-to-Screen is a fully dynamic system that contributes to faster and more flexible picking and it is an excellent solution for multi-picking. The operator chooses whether to start one or multiple orders as well as the size of the box to pick to. A display behind the operator's boxes shows in which box the item has to be placed, the order it belongs to, which item, what quantity.





Large range of accessories

Weland Solutions offers a large range of accessories for our vertical storage lifts to make your stock handling as flexible and efficient as possible. We offer everything from scanners and trolleys to cartons and collision protection.

PC kit

A practical support for hanging up printer, monitor and keyboard, which eases the picking process and contributes to a more ergonomic working posture. The kit is easily assembled on the existing tube on the display side or, alternatively, if you do not want it on the display side, there is a tube for hanging available for purchase. Sold both as a complete kit (tube and three parts) and as separate products.

Designation	Part no.
Monitor holder	1370140108
Printer holder	FPCG2PR
Keyboard holder	FPCG2KE
Complete PC Kit, display side	FPCG2D
Complete PC Kit, not display side	FPCG2NS



Complete PC Kit (support for hanging printer, monitor and keyboard).



Label printer Zebra

Label printer

The label printer is used for printing order labels, item labels and storage location labels. Label printing requires control by the WMS or ERP system.

Designation	Part no.
Label printer Datamax MP complete	FEP01
Label printer Zebra complete	FEP02
Labels 90 x 40 mm	1360000013



Label printer Datamax



Scanner Proglove



Scanner Gryphon



Ring scanner

Scanner

A scanner increases the reliability of the picking operation and is used to acknowledge items, storage locations and orders. Available as a hand-scanner and a ring/finger scanner. The model for entering data is used for scanning in a PC dialogue and replaces the keyboard, and the acknowledgement model is used for scanning on the shop floor, by the vertical storage lift or the Packing Bench. This can be done during both putaway and taking out of store and replaces the acknowledgement on the actual storage lift. Scanner reading requires control by the WMS or ERP system.

Designation	Part no.
Scanner Proglove Mark 2 Std Complete	FSCAN-PRO
Ring scanner LXE8670 complete putaway	FSCAN-LX86701
Ring scanner LXE8670 complete acknow.	FSCAN-LX86702
Scanner Gryphon GM4130 complete putaway.ko	FSCAN-GRYPHON1
Scanner Gryphon GM4130 complete acknow.ko	FSCAN-GRYPHON2



Wireless acknowledgement button



Acknowledgement sensor



Foot pedal acknowledgement



Cycle roller shutter

Acknowledgement

Make the workplace more effective with smart solutions for acknowledgement. Save time and effort by using automatic, wireless or hands-free acknowledgement of picking. The acknowledgement sensor sits under the operating opening and allows the pick to be acknowledged at any point along the entire width of the vertical storage lift.

Designation	Part no.
Acknowledgement sensor 1220 complete	FKG-1220
Acknowledgement sensor 1830 complete	FKG-1830
Acknowledgement sensor 2440 complete	FKG-2440
Acknowledgement sensor 3050 complete	FKG-3050
Acknowledgement sensor 3660 complete	FKG-3660
Wireless acknowledgement button	FTK01
Foot pedal acknowledgement, 10 m cable	FFP-10M

Cycle roller shutter G2-2

A cycle roller shutter screens off the operating opening and keeps the vertical storage lift free from dust, reduces the noise level and also acts as protection against theft.

Width	Part no.
1220 mm	FCJG22-1220
1830 mm	FCJG22-1830
2440 mm	FCJG22-2440
3050 mm	FCJG22-3050
3660 mm	FCJG22-3660



Make maximum use of the storage area

Simplify the stock handling and make maximum use of the space with our range of fittings. Weland Solutions offers smart solutions that help you streamline and structure your processes and make it simpler to find what you're looking for.



Our sheet metal fittings are available in many standard designs. Contact us for other sizes.

Sheet metal fittings

Durable fittings made of galvanised sheet metal that are perfect for industrial environments because the material is not affected by oils. With metal fittings, the vertical storage lift provides extremely fireproof

storage. We manufacture in heights from 50 up to 250 mm in steps of 25 mm and lengths from 100 mm to 3600 mm in steps of 100 mm, selected parts are stock items, other sizes are made to order. Contact us for more information.

Frame

Size L x H	Part no.
1220 x 100 mm	FRA12200820100
1830 x 100 mm	FRA18300820100
2440 x 100 mm	FRA24400820100
3050 x 100 mm	FRA30500820100
3660 x 100 mm	FRA36600820100
1220 x 150 mm	FRA12200820150
1830 x 150 mm	FRA18300820150
2440 x 150 mm	FRA24400820150
3050 x 150 mm	FRA30500820150
3660 x 150 mm	FRA36600820150

Divider

Size L x H	Part no.
100 x 100 mm	FAV0100100
200 x 100 mm	FAV0200100
300 x 100 mm	FAV0300100
400 x 100 mm	FAV0400100
800 x 100 mm	FAV0800100
200 x 150 mm	FAV0200150
300 x 150 mm	FAV0300150
400 x 150 mm	FAV0400150
800 x 150 mm	FAV0800150
200 x 200 mm	FAV0200200



Weland box



Cartons

Weland box

A flexible plastic box specially designed for Weland Solutions' vertical storage lifts. The box is designed for the highest possible filling ratio on the load tray, which optimises the filling ratio of your storage space. The width and length of the Weland box can be adjusted using dividers and dividing walls to create between 1 and 16 storage compartments per box. L 810 x B 200 x H 70 mm.

Designation	Part no.
Weland box	7061199
Divider wall 200 x 70 mm	7061201
Divider wall 800 x 70 mm	7061199

Cartons

Light and versatile cartons with 4 compartments in corrugated cardboard that are very suitable when picking small items. The cartons are available in many different sizes and are suitable for most storage needs. The cartons are delivered complete with dividers for splitting the carton up into smaller compartments (excluding FKA800400200, for which dividers are sold separately).

Designation	Part no.
L 400 x B 200 x H 50 mm	FKA400200050
L 400 x B 200 x H 75 mm	FKA400200075
L 400 x B 200 x H 100 mm	FKA400200100
L 800 x B 200 x H 150 mm	FKA800200150
L 800 x B 400 x H 200 mm	FKA800400200
Carton divider 400 x 200 mm	FKAA400*200

Euro container

The design of the container ensures stability during transit. The straight sides and modular sizes simplify stacking and storing. The solid containers come with a solid, smooth base as standard. Withstand temperatures between -30° and +70°C. L 600 x 400 mm.

Height	Part no.
120 mm	7061017
180 mm	7061019
220 mm	7061021

Storage box

Designed for various warehouse and paternoster systems, where high demands are placed on a box with a large internal volume. The box has a label space for self-adhesive labels on the front and rear edges. Height: 100 mm. Colour: blue Transparent dividing walls with a label holder are available as accessories.

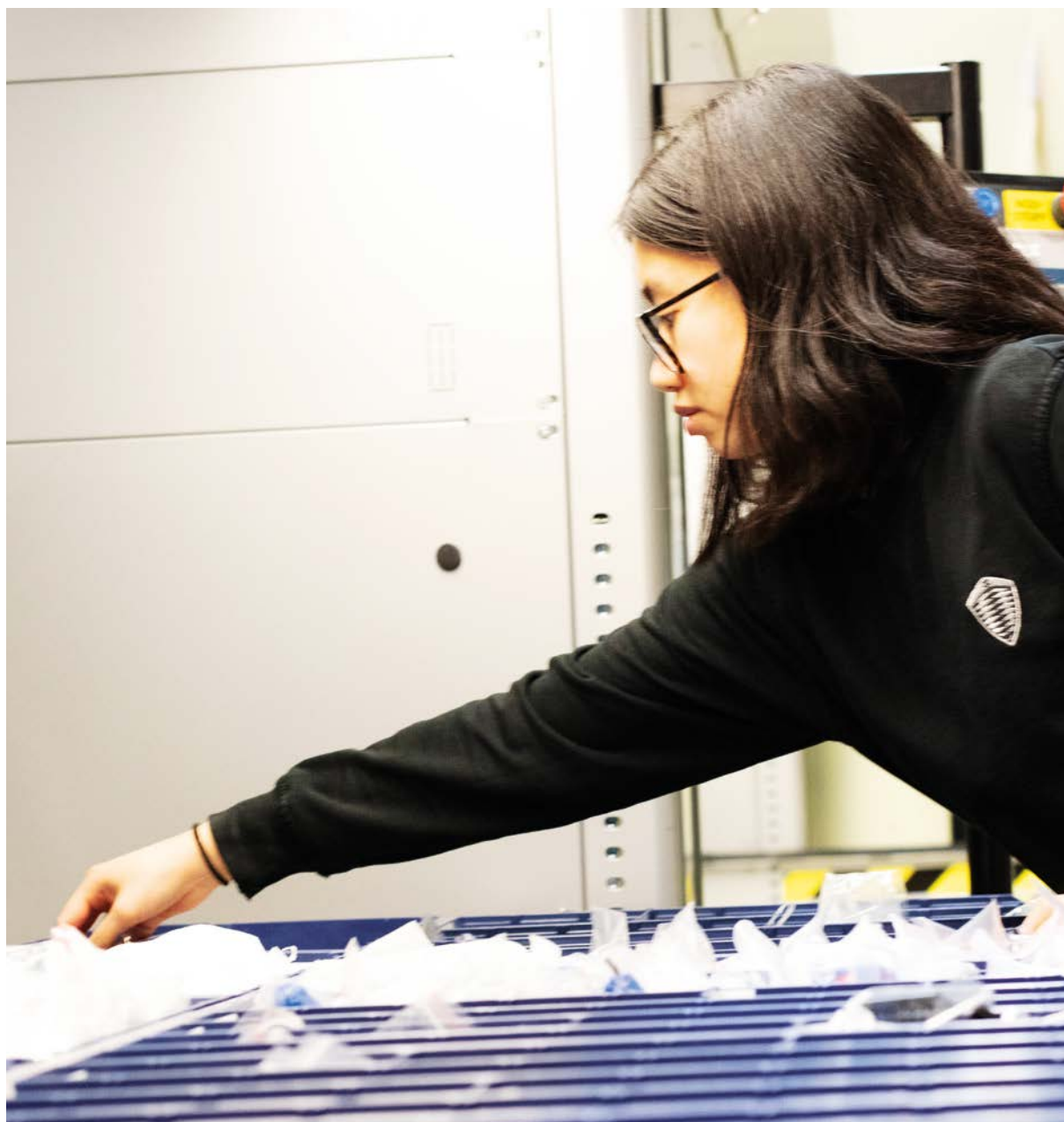
Designation	Part no.
Storage box L 300 x B 115 mm	7061203
Storage box L 300 x B 230 mm	7061204
Storage box L 400 x B 115 mm	7061116
Storage box L 400 x B 230 mm	7061117
Storage box L 500 x B 115 mm	7061205
Storage box L 500 x B 230 mm	7061206
Divider wall B 115 x H 100 mm	7061140
Divider wall B 230 x H 100 mm	7061141
Label B 115 mm, incl. plastic cover	7061207
Label B 230 mm, incl. plastic cover	7061208



Euro container

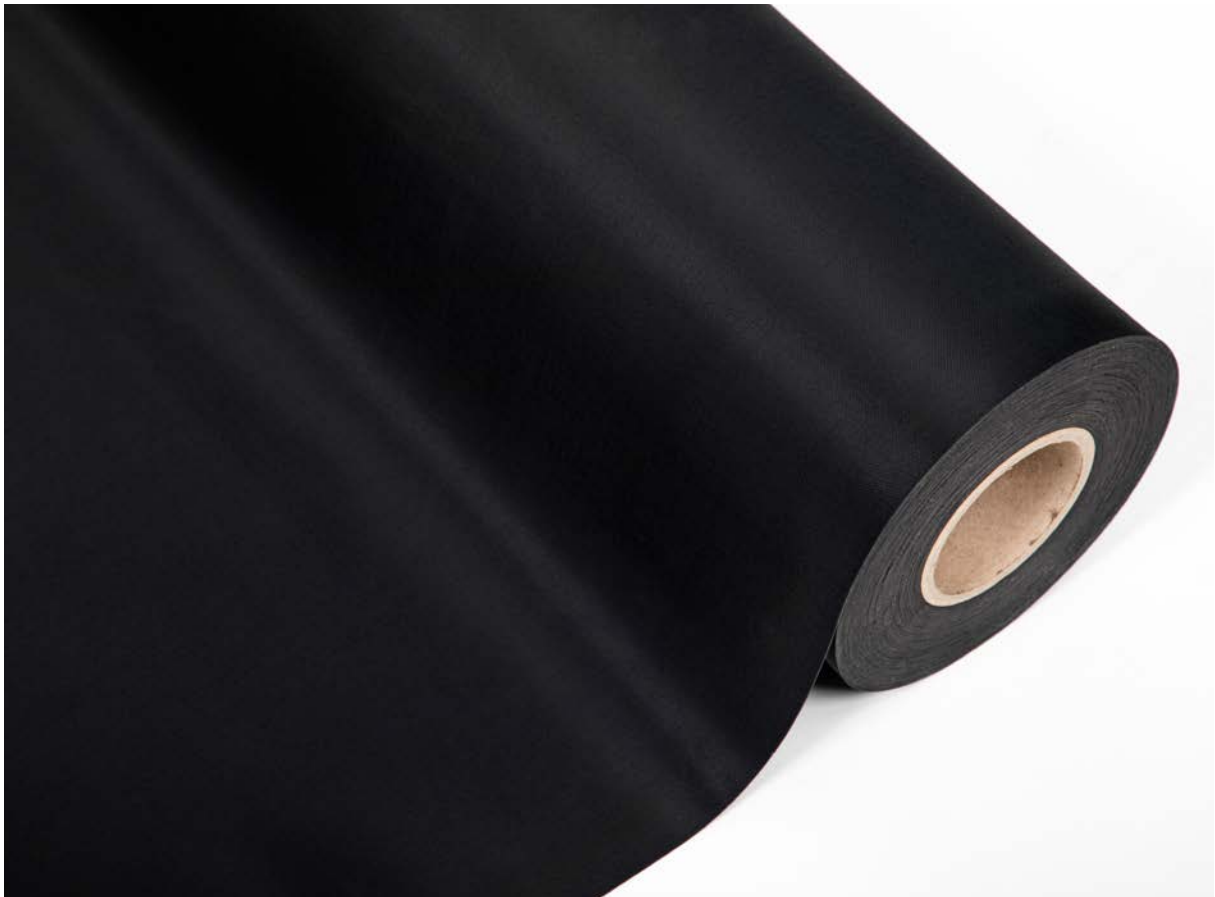


Storage box





Workplace mat



Load tray mat



Die-cast fitting

Workplace mat

Plastic workplace mat with springy spacer that improves the work environment for employees who spend a lot of time on their feet. The mat has a wear surface and closed cells that reduce stress on back and leg muscles. The mat is slip-resistant, easy to clean and move. It insulates against heat and cold, and muffles noise. Resistant to oils and chemicals. Can be purchased in lengths or as an entire roll.

Designation	Part no.
910 x 18300 mm, roll	1310200120
1220 x 18300 mm, roll	1310200121
910 mm x optional length	1310200122
1220 mm x optional length	1310200123

Load tray mat

Thin rubber mat that can be rolled out on a load tray to stop items from moving about. Sold in complete rolls only. L 25000 x B 818 x T 0.75 mm.

Designation	Part no.
Load tray mat, 25 m	1301404002

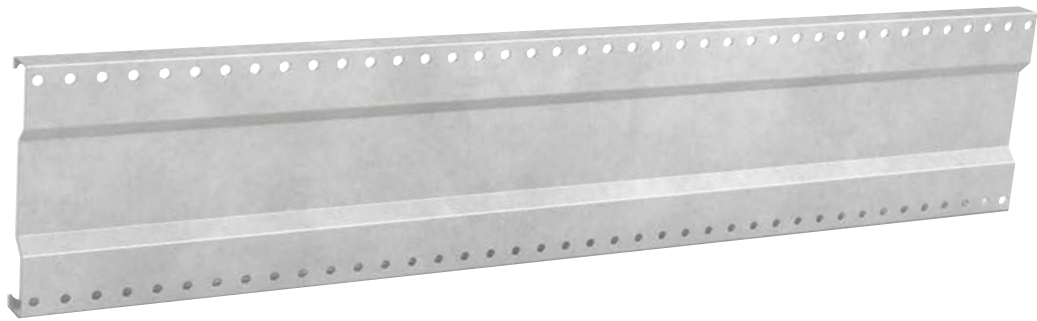
Die-cast fitting

Vacuum moulded plastic is suitable for small articles (screws, nuts, springs etc.) and it is ergonomic (soft corners, easy to pick from). It is made from hardwearing plastic that is either made in standard versions or customised.

Designation	Part no.
4 compartments, 600 x 800 x 200 mm	1301404007
6 compartments, 600 x 800 x 150 mm	1301404006
12 compartments, 600 x 800 x 150 mm	1301404005
16 compartments, 600 x 800 x 100 mm	1301404004
24 compartments, 600 x 400 x 50 mm	1301404001
28 compartments, 800 x 1200 x 100 mm	1301401510

OTHER PRODUCT RANGES

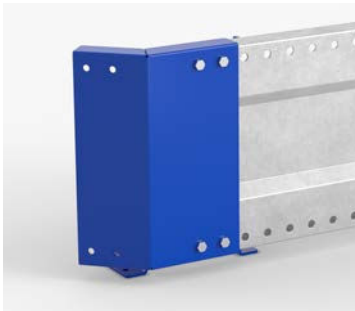
We know that different businesses have different needs. That's why we offer a wide range of high-quality products for stock handling and logistics, aimed at facilitating your processes, and providing flexibility and enhanced ergonomics in the workplace. Everything needed to make your working day more efficient for you.



Collision protection



Corner angle 90 degrees



End-piece



Support foot

Collision protection

Robust collision protection that protects vertical storage lifts, walls and work spaces from collisions. The collision protection is manufactured with a sigma beam base, a support beam with low weight and high strength. The protection is anchored in the substrate

or the ground and is built up with the components' support, end and corner. We recommend a support foot per joint and per metre length. The dimensions make modular construction of the collision protection

Designation	Part no.
Collision protection t3 P400 L1000	110330401000
Collision protection t3 P400 L1100	110330401100
Collision protection t3 P400 L1200	110330401200
Collision protection t3 P400 L1300	110330401300
Collision protection t3 P400 L1400	110330401400
Collision protection t3 P400 L1500	110330401500
Collision protection t3 P400 L1600	110330401600
Collision protection t3 P400 L1700	110330401700

Designation	Part no.
Collision protection t3 P400 L1800	110330401800
Collision protection t3 P400 L1900	110330401900
Collision protection t3 P400 L2000	110330402000
Collision protection t3 P400 L3000	110330403000
Collision protection t3 P400 L4000	110330404000
Support foot	121900156
Corner angle	121900186
End-piece	121900226





Shelf trolley M1 with 2 shelves



Shelf trolley M1 with 3 shelves



Shelf trolley M1 with 4 shelves

Shelf trolley M1

Electrogalvanised shelf trolley with flexible, fully adjustable, shelf and adjustable handle. The shelf trolley is equipped with four castors (Ø 125 mm) for easy manoeuvring and has a maximum load capacity of 250 kg. Available in various sizes with 2, 3 or 4 laminate shelves.

Designation	Part no.
2 shelf, 815 x 470 x 1120 mm	FHM1477269
2 shelves, 945 x 470 x 1120 mm	FHM1477270
2 shelves, 1195 x 470 x 1120 mm	FHM1477271
2 shelves, 1395 x 470 x 1120 mm	FHM1477272
3 shelves, 815 x 470 x 1120 mm	FHM1477273
3 shelves, 945 x 470 x 1120 mm	FHM1477274
3 shelves, 1195 x 470 x 1120 mm	FHM1477275
3 shelves, 1395 x 470 x 1120 mm	FHM1477276
4 shelves, 815 x 470 x 1590 mm	FHM1477277
4 shelves, 945 x 470 x 1590 mm	FHM1477278
4 shelves, 1195 x 470 x 1590 mm	FHM1477279
4 shelves, 1395 x 470 x 1590 mm	FHM1477290

Shelf trolley M2

Robust, electrogalvanised shelf trolley with heavy-duty shelves that are fully adjustable for great flexibility. The strong design means that the shelf trolley manages a load capacity of 300 kg. The shelf trolley is available with 2 or 4 laminate shelves and is equipped with 2 fixed and 2 castor wheels (Ø 160 mm).

Designation	Part no.
2 shelves, 1190 x 650 x 1025 mm	FHM3477293
2 shelves, 1390 x 650 x 1025 mm	FHM3477294
2 shelves, 1590 x 650 x 1025 mm	FHM3477295
2 shelves, 1790 x 650 x 1025 mm	FHM3477296
4 shelves, 1190 x 650 x 1695mm	FHM3477297
4 shelves, 1390 x 650 x 1695 mm	FHM3477298
4 shelves, 1590 x 650 x 1695 mm	FHM3477299
4 shelves, 1790 x 650 x 1695 mm	FHM3477300



Shelf trolley M2 with 2 shelves



Shelf trolley M2 with 4 shelves



Table trolley M1

Table trolley M1

Easily rolled trolley with two shelves that are fully adjustable for great flexibility. The table trolley is equipped with four castors (Ø 125 mm) and is available in two sizes. Max. load capacity: 250 kg. Height: 1120 mm.

Designation	Part no.
2 shelves, 945 x 470 x 1120 mm	FBM2477267
2 shelves, 1195 x 470 x 1120 mm	FBM2477268



Writing desk

Shelf trolley accessories

Supplement your shelf trolley with shelf dividers or an electrogalvanised metal writing desk. Can be fitted to most types of trolley as long as the tube does not exceed the size of the bracket. Height: 330 mm. Width: 245 mm. 25 mm deep fall protection edge. The writing desk is suitable for tube Ø22-30 mm.

Designation	Part no.
Shelf divider M1	FTH486196
Shelf divider M2	FTS38349
Writing desk for M1 and M2	FTS38349



Shelf divider



Storage drawer unit



Packing bench M200



Packing bench M350 with complete packing workstation as accessory.

Electrically adjustable packing bench M200

A stable Packing Bench in grey (RAL 7037) that withstands a dispersed load of 200 kg. The packing bench is electrically operated from 640-1125 mm excluding top and has a two-button function for simply raising and lowering the Packing Bench.

Format	Part no.
1600 x 600 mm	FWB200494096
2000 x 600 mm	FWB200494098
1600 x 800 mm	FWB200494100
2000 x 800 mm	FWB200494101

Storage drawer unit for M200/M350/M351

A lockable storage drawer unit in grey lacquered steel that matches our Packing Bench. The drawers have roll-bearing expansions with 100% pull-out and an integrated handle folded in heavy-duty sheet steel. Central locking in the frame that locks all drawers. Max. load: 25 kg/drawer. Open top. Fastens directly in the table top. External dimensions: W 385 x D 500 mm.

Designation	Part no.
Storage drawer unit	FWD965865

Electrically adjustable packing bench M350/M351

A stable and stylish packing bench in grey (RAL 7037) that withstands a dispersed load of 350 kg. The packing bench is electrically operated from 640-1125 mm exclusive top. Design with two-button function for raising and lowering the packing bench to eliminate the risk of crushing injuries. The bench is suitable for 40 mm thick top. WxD: 1600 x 800 mm.

Designation	Format	Part no.
M350	1600 x 800 mm	FWB350494111
M351	2000 x 800 mm	FWB350494112

Complete packing workstation for M200/M350/M351

Turn your packing bench into a fully equipped packing workstation with our smart accessories. Equip the bench with shelves, shelf dividers, roll holders and cutting unit depending on your specific needs.

Designation	Part no.
Complete packing workstation	FWS200494996





Storage drawer unit

Packing bench 300
with complete packing
workstation 300.

Packing bench M300

Flexible Packing Bench with laminate top, with manual height adjustment from 700-950 mm excluding top. The packing bench is suitable for lighter assembly work and packing workstations. Delivered with complete leg stand and equipped with a 24 mm high-pressure laminated top as standard. The table manages a dispersed load of 300 kg and can be supplemented with a lower shelf for extra storage space.

Designation	Part no.
1600 x 600 mm	FWB300982983
2000 x 600 mm	FWB300982984
1600 x 800 mm	FWB300513878
2000 x 800 mm	FWB300513879
Bottom shelf 1600 x 800 mm, incl. central brace	FWB200498898
Bottom shelf 2000 x 800 mm, incl. central brace	FWB200498899

Packing workstation M300

Turn your Packing Bench into a fully equipped packing workstation with our smart accessories. Equip the bench with shelves, shelf dividers, roll holders and cutting unit depending on your specific needs.

Designation	Part no.
Perforated column incl. bracket 1450 mm	815013
Shelf c/c 1400 x 360 mm	492077
Shelf divider 400 x 360 mm	492043
Roll holder 1350 mm (c/c 1400 mm)	492073
Cutting unit, cutting width 1350 mm	492071

Storage drawer unit for packing bench M300

A steel drawer unit lacquered in grey (RAL 7037) equipped with one lockable drawer with 100% pull-out. Height of the drawer: 100 mm. Width: 385 mm. Depth: 500 mm. Height: 218 mm.

Designation	Part no.
1 drawer for 600 mm top	FWD965712
1 drawer for 800 mm top	FWD965716



Calculation scale, max. 15 kg

Flexible table scale with full calculation function, automatic precision optimisation function and 300,000 divisions internally. The scale has a stainless steel platform surface and is powered by rechargeable batteries. Max.: 15 kg. Width: 255 mm. Depth: 195 mm.

Designation	Part no.
Calculation scale	FCS476920



Table and packet scale

Table and packet scale with separate platform and display. The durable platform surface is manufactured in stainless steel and is easy to clean. The scale is equipped with a background lit LCD display. RS-232 as standard. Rechargeable battery and adapter enclosed. Width: 325 mm. Depth: 320 mm.

Designation	Part no.
Table and packet scale	FPS476929



***"We have increased
the picking rate by
full 380%"***

Jan Johannesson, CEO Modern Elteknik

Modern Elteknik in Gothenburg is one of Sweden's leading electrical wholesalers that offers components for electronics and automation. The family-owned company, which was started in 1969 and has sales in both Sweden and abroad, is in an exciting and expansive phase.





Because the Compact Twin handles two load trays in the same sequence, the picking rate can be increased by 50 – 75%.



The Put to Screen software contributes to faster and smoother



Modern Elteknik has invested in two Compact Twin vertical storage lifts with accessories.

When Modern Elteknik had problems integrating its Vimsa ERP system with its handheld devices, they started looking for other storage solutions and decided early on to invest in vertical storage lifts. The choice of supplier fell upon the storage and logistics specialist Weland Solutions and their innovative vertical storage lift Compact Twin.

"We were looking for a Swedish produced solution and wanted to get plenty of space for the money, because we don't have a lot of floor space to work with. Because the Compact Twin can run two storage trays simultaneously, and the dimensions matched our current premises, we thought that the Compact Twin from Weland Solutions appeared to be an efficient and time-saving product that suited our needs," Jan Johannesson, CEO Modern Elteknik, explains.

Two Compact Twins

Weland Solutions installed two Compact Twin 3600 vertical storage lifts with accessories that increase the productivity in the store. Each machine handles 57 load trays. The elevators are ESD adapted and equipped with light pointer, roller shutters to protect against noise and dust, as well as the Put to Screen software from Weland Solutions. Apart from the vertical storage lifts, Weland Solutions have also supplied plastic containers and Packing Benches on wheels that are used to sort goods.

"The vertical storage lifts from Weland Solutions have totally changed the way we work at Modern Elteknik. We have obtained a simplified picking flow, a more ergonomic way of working, dampened noise level, fewer incorrect picks and faster incoming deliveries to the storage lift. It has genuinely made life better for we who work here," Jan Johannesson says.

Increased picking rate

Because the Compact Twin handles two load trays in the same sequence with one tray in the waiting position and one in the picking position, the picking rate can be increased by 50 – 75%. During the time picking is underway from the first tray, the Compact Twin fetches the next tray on the picking list and places this tray in the waiting position in the free space in the lift. When the first pick on the picking list has been acknowledged, the tray is moved back, the next tray is moved directly from the waiting position and the next pick on the picking list starts.



"It has genuinely made life better for we who work here."

Jan Johannesson

"Thanks to our vertical storage lifts, we have increased the picking rate by full 380%. What took us 8 hours before, we can now do in roughly 2 hours today. The vertical storage lifts from Weland Solutions have not just expanded our storage area and secured the lack of space for future ventures, but also guarantee the we can offer quick deliveries to our customers," Jan Johannesson says.

From start to finish

In the future, Modern Elteknik wants to optimise its storage further by installing a third vertical storage lift from Weland Solutions and reviewing the work flow in general to improve the entire chain. To help them, there is Weland Solutions' expert sales team.

"I would warmly recommend Weland Solutions for their personal service, from first contact to finished project. We are already in discussions with the sales team about the next step for us and how we can continue to optimise and streamline the flow at Modern Elteknik," Jan Johannesson concludes.



We help you all the way

At Weland Solutions, you can depend on receiving high service and personal contact, all the way from the first conversation to final inspection and maintenance. We are a dependable partner throughout the entire lifecycle, from installation, training and service to maintenance and we place great weight on working closely with our customers. Better logistics and profitability are just a call away!

Start-up

At our first meeting, we go through your operations together and see what improvements we can suggest based on our experience, expertise and commitment.

Putaway

With our putaway service, we help you to place the right goods in the right location and get started with the picking process.



Tray design

How do you furnish the load tray in the best way? Rely on our experts! Weland Solutions has long experience of tray design and knows what works for different types of goods and storage needs. Everything needed to save space, time and money.

Installation and fittings

We would be happy to help install your vertical storage lift and can also help with fittings – everything needed to create an optimal storage solution. Our installers are by your side all the way to commissioning and hand-over.

Training courses

To obtain rational stock handling, Weland Solutions offers regular courses for customers that are specifically adapted to the operations and storage systems used. Choose between three different specialities: Training for operators, Training for superusers and Training on critical spare parts. Read more about our courses on welandolutions.se

A global company

Weland Solutions is a global company that is represented in eight countries and our products are represented in about twenty countries. All our development, design and manufacturing takes place in Gislaved, Sweden.

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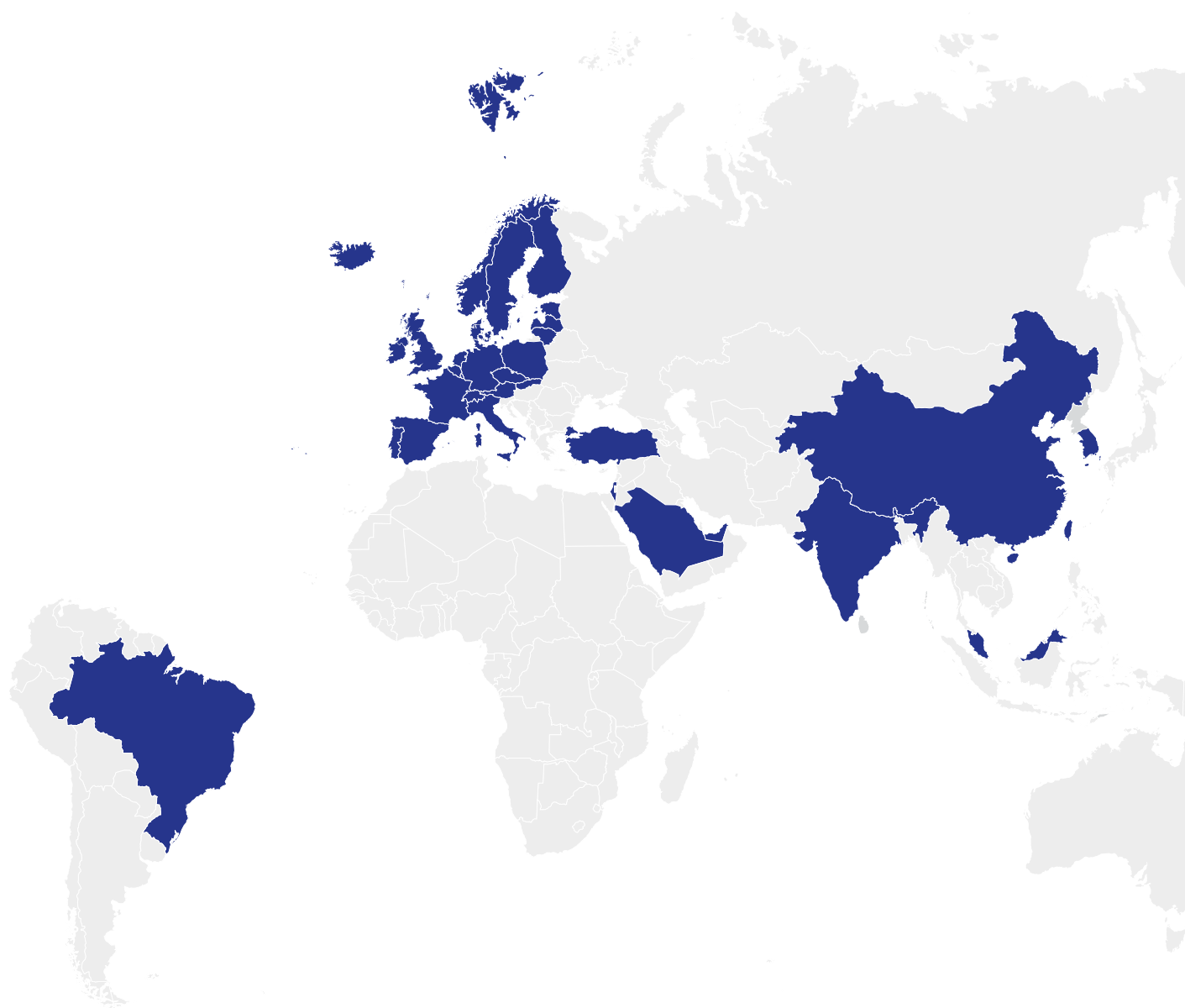
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