smartlift

Vertical storage and order picking system

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Smartlift is a vertical storage and order picking system for single items or multiple lots. It consists of a vertical lifting module with two columns of trays, one in the front and one in the rear and an extractor located in the center, which automatically moves the trays to the exterior access. It is designed with technology that allows you to automatically measure the height of items and assign their most suitable storage location. It is ideal for items of different sizes and weights.

Thanks to the flexible and modular design, it can adapt to changes in product volumes and sizes at any time.

The modules can be used independently or connected to a network system and it is even possible to install one outside the building to increase capacity. Depending on the size and weight needs of the products, four different versions are offered.

High storage density

Storage of a wide range of products

Modular design

Applications

Tool storage
Smartlift allows you to store the necessary tools in trays and in a single module, enabling new levels of productivity by radically eliminating travel and search times. Offers transparent inventory management. It optimizes space and is an ergonomic solution for people.

Order preparation
With Smartlift it is very easy to manage orders from different distribution channels. Optimize order fulfillment, including picking, replenishment, and returns management. It enables precise picking, high throughput and manages fluctuating demand.
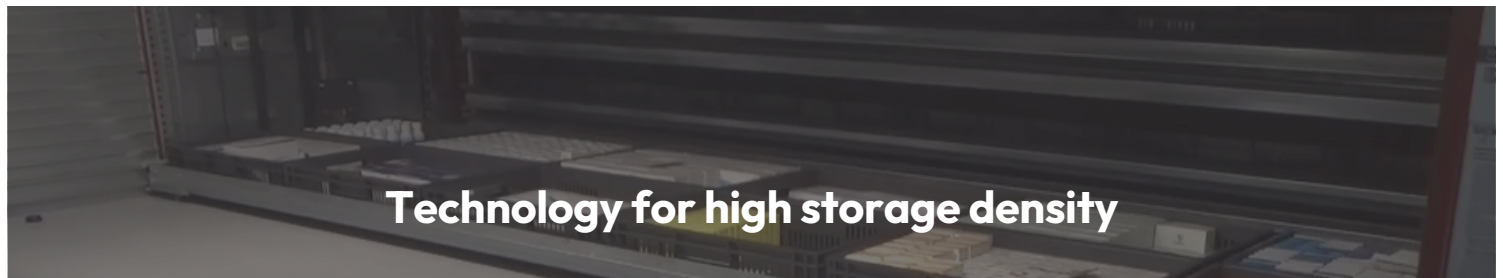
Semi-finished products and spare parts
Some production processes require temporary storage systems. Smartlift efficiently stores and accurately retrieves semi-finished products.
It is also the ideal solution for storing spare parts and supplying production tailored to needs.

smartlog

Technology for high storage density

Automatic closing door	Automatic closing door for the safety of the operator and the stored merchandise. Allows prior collection and preparation; While the operator works on a shelf, the next necessary one is prepared in the extractor, behind the lifting door. To shorten waiting times, the shelves are changed after the activity.
Flexible technology	For optimal utilization of storage surfaces, it is designed with technology to automatically measure the height of items and assign their most suitable storage location. **Maximum warehouse compaction.**
Integrated weight management	Control the total weight through the resistance method. This prevents overloading of the shelves or the entire system.
Toothed belt drive	This results in higher performance, shorter access times, lower noise emissions and longer machine run times.
Safe construction for the future	The height of the equipment is modified quickly and without problems, which promotes rapid adaptation to new demands.
ergonomic access	The storage angle of the accesses is designed to adjust the working position to the height of the operator and makes the simultaneous arrangement of two trays possible. Its lower space allows you to work closely and ergonomically.
Trays for various types of cargo	Different trays can be stored in a single module, thereby reducing acquisition costs and guaranteeing long-lasting flexibility of operation.

Access opening
- Possibility of opening at the front and back.
- Possibility of multiple access openings on several floors.

Trays
- The trays store goods and boxes and are moved via the extractor directly to the outside access or back to a free storage space.
- The movement occurs at individual speeds.

Light curtain for personal protection
- The system stops working if the light curtain is activated.
- Protects person and inventory.

Measurement technology
- A sensor measures the height of the items.
- Based on that measurement, identify the ideal storage location for each tray.

Versions that adapt to your facilities

smartlift S/M

Dimensions	Width 1,580 to 4,380 mm. Depth 2,363 to 3,074 mm. Height 2,550 to 30,050 mm.
Height intervals	The passage capillarity is 100 mm, height
Trays	Depth 610 to 864 mm. Width 1,250 to 4,050 mm. Load up to 555 kg

smartlift L

Dimensions	Width 1,580 to 4,380 mm. Depth 2,363 to 3,125 mm. Height 2,550 to 20,050 mm.
Height intervals	The passage capillarity is 100 mm, height
Trays	Depth 610 to 864 mm. Width 1,250 to 4,050 mm. Load up to 725 kg

smartlift XL

Dimensions	Width 1,580 to 4,380 mm. Depth 2,363 to 4,343 mm. Height 2,550 to 20,050 mm.
Height intervals	The passage capillarity is 100 mm, height
Trays	Depth 610 to 1,270 mm. Width 1,250 to 4,050 mm. Load up to 1,000 kg

Optional

- Laser pointer
- Alphanumeric or matrix position indicator
- Confirmation bar
- Manual shelf removal
- Transport car
- Double/multiple withdrawal
- shelf lock
- User Management
- Up to six accesses per unit
- Handling with forklifts in front of the unit

Turn your warehouse today into a warehouse of tomorrow

Industry

Smartlift has proven to be ideal for large distribution centers, industrial activities, as well as any location in a store in sectors such as:

Hardware and DIY

Cosmetics

Logistics operators

Electronic components distribution

Interchange parts

Fashion and textile industry

pharmaceutical items

Personal care

Others

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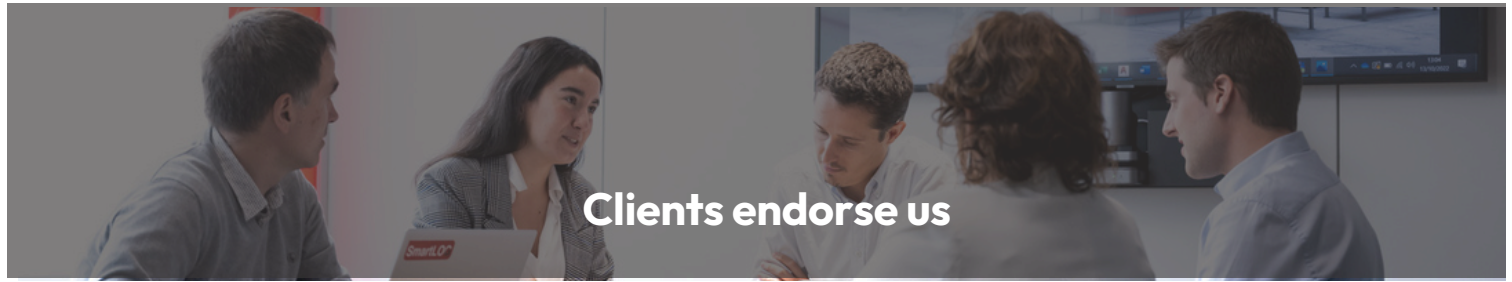

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