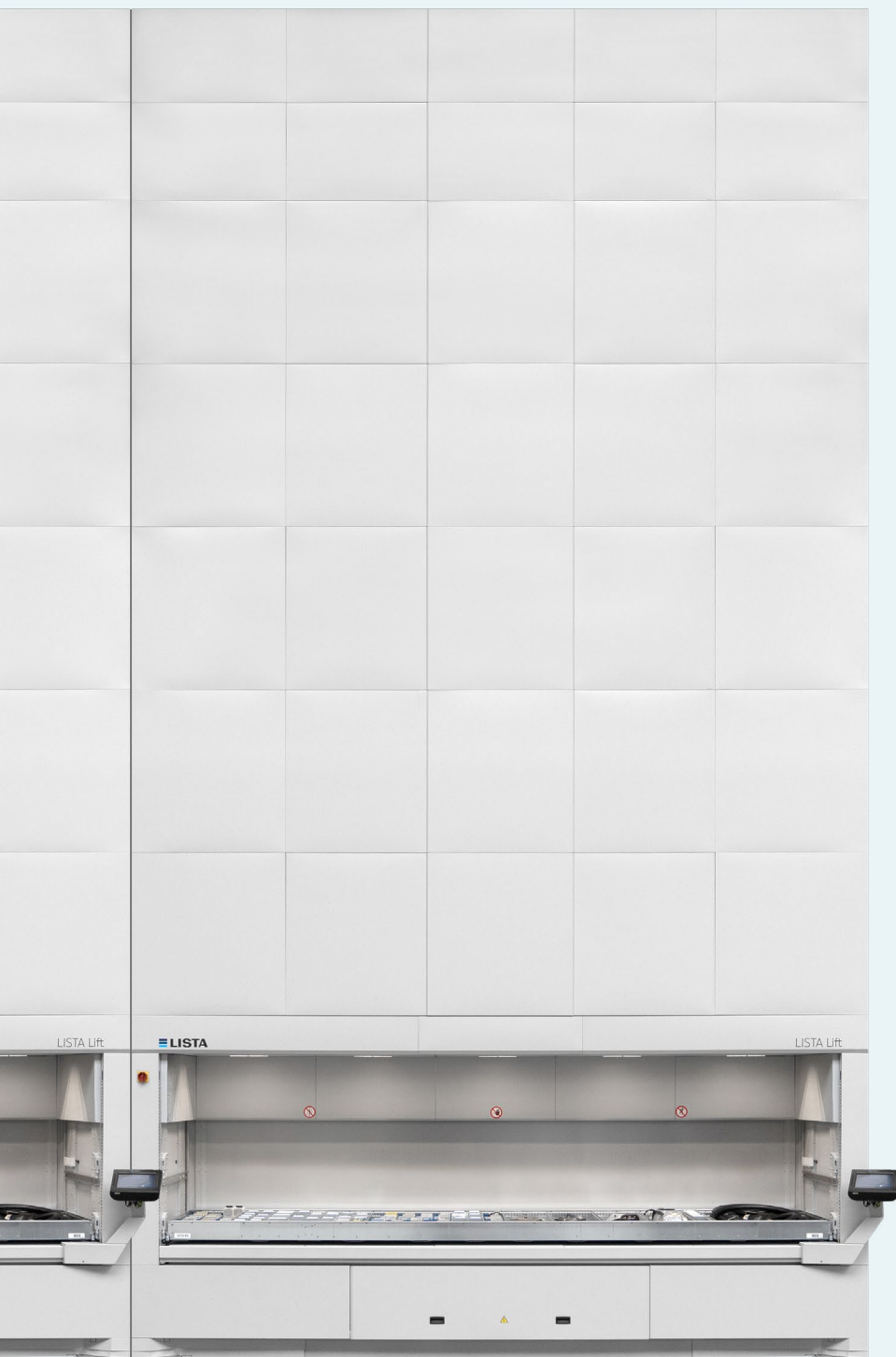# lift

Vertical storage systems

Helping
you to save
space and time

≡ LISTA

OUR LIFTS

LISTA LIFT
S. 6

Grow with your tasks.

LISTA LIFT S

The space-saving miracle.

LISTA LIFT P

Intelligent storage.

ADD-ONS AND PARTITION MATERIALS

Add-ons

Partition material

EFFICIENCY UP,
COSTS DOWN

Less is more: this also applies to modern storage systems. Quick access and space-saving features offer your company clear competitive advantages. Automatic storage lift systems from LISTA help to make processes even more efficient. They optimise space utilisation, save time, simplify stock control and are ergonomic. Variable in height, width and load capacity, **LISTA lift systems** can be flexibly adapted, controlled and, if required, interlinked to suit individual customer requirements. This means you benefit from standard LISTA quality, competence and service of a leading system provider. And choose a reliable solution that you can trust.

OPTIMUM USE OF SPACE

- Enjoy up to 90% more space thanks to vertical storage
- Space requirements starting from just 2.9 m² and 1.6 m depth
- Up to 16.1 m high, also over several storeys

TOP SERVICE

- Individual planning and adaptation
- Coordinated training and maintenance concepts
- Guaranteed 24-hour response

MAXIMUM FLEXIBILITY

- System with variable height, width and load capacity
- Individual configuration options and add-ons
- Extensive range of accessories and partition materials

EFFICIENT INVENTORY MANAGEMENT

- Software-supported control with different integration levels
- Compatible with all conventional ERP systems and extensions

REDUCED ERROR RATE

- Automatic system, records picking activities
- Easy to operate
- Guided, controlled access to individual trays

MORE SECURITY

- Reliable protection of stored goods
- Minimum physical strain, employees can be more productive

SIGNIFICANT TIME SAVING

- Optimised picking times
- Quick withdrawal
- Short transport distances

LISTA LIFT

The **LISTA Lift** can be flexibly adapted to ceiling heights of up to 16.1 m, including over several storeys and with several access hatches. The vertical storage concept saves up to 90% space and significantly reduces picking times, as the material is delivered only at one point. As the only lift storage system, the LISTA heavy-duty lift can bear loads of up to 990 kg per tray for widths of up to 4100 mm.

Energy-saving LED lighting
The LED lighting in the LISTA Lift offers the benefit of a long useful life and low power consumption

Sliding operating console
The integrated traversing console optimises the ergonomics and functionality of the LISTA Lift, even with a heavy picking schedule
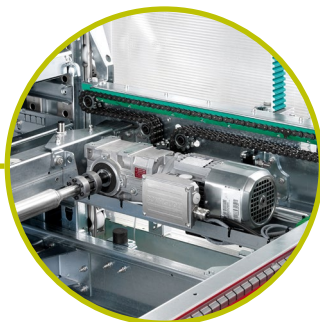
Visual operating aids
LED strips or laser pointers enable the requested stored goods to be identified quickly
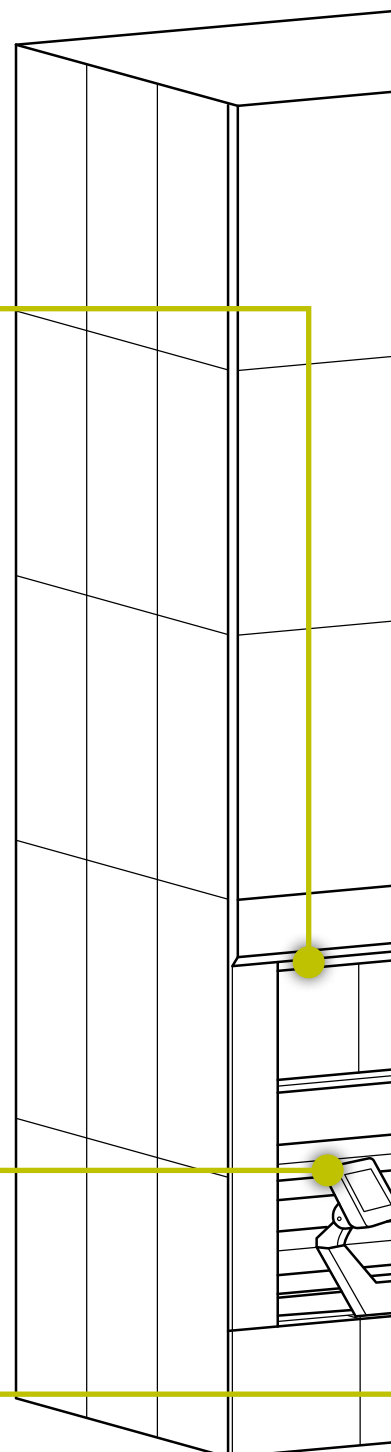
Efficient, smooth-running drive

Powerful and efficient motors guarantee low energy consumption. The smooth-running toothed belt keeps operating noises low. The optional LISTA Green energy recovery system ensures even greater energy efficiency

25 mm slots with automatic inventory item recognition

With special support brackets in 25 mm slots, the LISTA Lift can store the most diverse items extremely compactly and economically. What's more, it does this automatically: an electronic measuring system automatically measures the height of the stored items and optimises the distances between them

Variable trays

Different types of trays offer space for all types of stored goods, from small parts to heavy components

Easy maintenance

The easily accessible control drawer and ladders in the device interior ensures easy maintenance of the LISTA Lift

LISTA

LISTA LIFT
MODEL OVERVIEW

250 KG

Model	Tray width (mm)	Tray depth (mm)	Tray height (mm)	External dim. of internal access hatch (W × D mm)	External dim. of external access hatch (W × D mm)
1500S	1500	654	45 / 70 / 120	1917 × 2463	1917 × 3199
1500L	1500	857	45 / 70 / 120	1917 × 3073	1917 × 4012
1900S	1900	654	45 / 70 / 120	2317 × 2463	2317 × 3199
1900L	1900	857	45 / 70 / 120	2317 × 3073	2317 × 4012
2500S	2500	654	45 / 70 / 120	2917 × 2463	2917 × 3199
2500L	2500	857	45 / 70 / 120	2917 × 3073	2917 × 4012
3100S	3100	654	45 / 70 / 120	3517 × 2463	3517 × 3199
3100L	3100	857	45 / 70 / 120	3517 × 3073	3517 × 4012
4100S	4100	654	70 / 120	4517 × 2463	4517 × 3199
4100L	4100	857	70 / 120	4517 × 3073	4517 × 4012
1500XL	1460	1257	45 / 70 / 120	1917 × 4273	1917 × 5566
1900XL	1860	1257	45 / 70 / 120	2317 × 4273	2317 × 5566
2500XL	2460	1257	45 / 70 / 120	2917 × 4273	2917 × 5566
3100XL	3060	1257	70 / 120	3517 × 4273	3517 × 5566
4100XL	4060	1257	70 / 120	4517 × 4273	4517 × 5566

500 KG

750 KG

Model	Tray width (mm)	Tray depth (mm)	Tray height (mm)	External dim. of internal access hatch (W × D mm)	External dim. of external access hatch (W × D mm)
1500S	1500	654	70 / 120	1917 × 2463	1917 × 3199
1500L	1500	857	70 / 120	1917 × 3073	1917 × 4012
1900S	1900	654	70 / 120	2317 × 2463	2317 × 3199
1900L	1900	857	70 / 120	2317 × 3073	2317 × 4012
2500S	2500	654	70 / 120	2917 × 2463	2917 × 3199
2500L	2500	857	70 / 120	2917 × 3073	2917 × 4012
3100S	3100	654	70 / 120	3517 × 2463	3517 × 3199
3100L	3100	857	70* / 120	3517 × 3073	3517 × 4012
4100S	4100	654	120	4517 × 2463	4517 × 3199
4100L	4100	857	120	4517 × 3073	4517 × 4012
1500XL	1460	1257	45 / 70 / 120	1917 × 4273	1917 × 5566
1900XL	1860	1257	45 / 70 / 120	2317 × 4273	2317 × 5566
2500XL	2460	1257	45 / 70 / 120	2917 × 4273	2917 × 5566
3100XL	3060	1257	70 / 120	3517 × 4273	3517 × 5566
4100XL	4060	1257	70 / 120	4517 × 4273	4517 × 5566

*Only available with 500 kg model.

990 KG

Model	Tray width (mm)	Tray depth (mm)	Tray height (mm)	External dim. of internal access hatch (W × D mm)	External dim. of external access hatch (W × D mm)
1500S	1460	654	120	1917 × 2463	1917 × 3199
1500L	1460	857	120	1917 × 3073	1917 × 4012
1900S	1860	654	120	2317 × 2463	2317 × 3199
1900L	1860	857	120	2317 × 3073	2317 × 4012
2500S	2460	654	120	2917 × 2463	2917 × 3199
2500L	2460	857	120	2917 × 3073	2917 × 4012
3100S	3060	654	120	3517 × 2463	3517 × 3199
3100L	3060	857	120	3517 × 3073	3517 × 4012
4100S	4060	654	145	4517 × 2463	4517 × 3199
4100L	4060	857	145	4517 × 3073	4517 × 4012
1500XL	1460	1257	45 / 70 / 120	1917 × 4273	1917 × 5566
1900XL	1860	1257	45 / 70 / 120	2317 × 4273	2317 × 5566
2500XL	2460	1257	45 / 70 / 120	2917 × 4273	2917 × 5566
3100XL	3060	1257	70 / 120	3517 × 4273	3517 × 5566
4100XL	4060	1257	70 / 120	4517 × 4273	4517 × 5566

TECHNICAL SPECIFICATIONS

Device heights	3300 - 16 100* mm
Height increments	200 mm
Storage grid	25 mm
Tray widths	1500 mm – 4100 mm
Tray depths	645 mm / 857 mm / 1257 mm
Total weight	Up to 90 000 kg (depending on model and configuration)
Max. storage height	695 mm (access hatch S) 895 mm (access hatch M) 1295 mm (access hatch XL)
Speed	Up to 190 cycles per hour (depending on configuration)
Operating interface	10.4-inch touchscreen industry console (co-pilot)
Number of access hatches	Up to 3 hatches on either side
Type of access hatches	Internal or external with one or two positions

*Up to a maximum of 20 000mm by request.

LISTA LIFT S
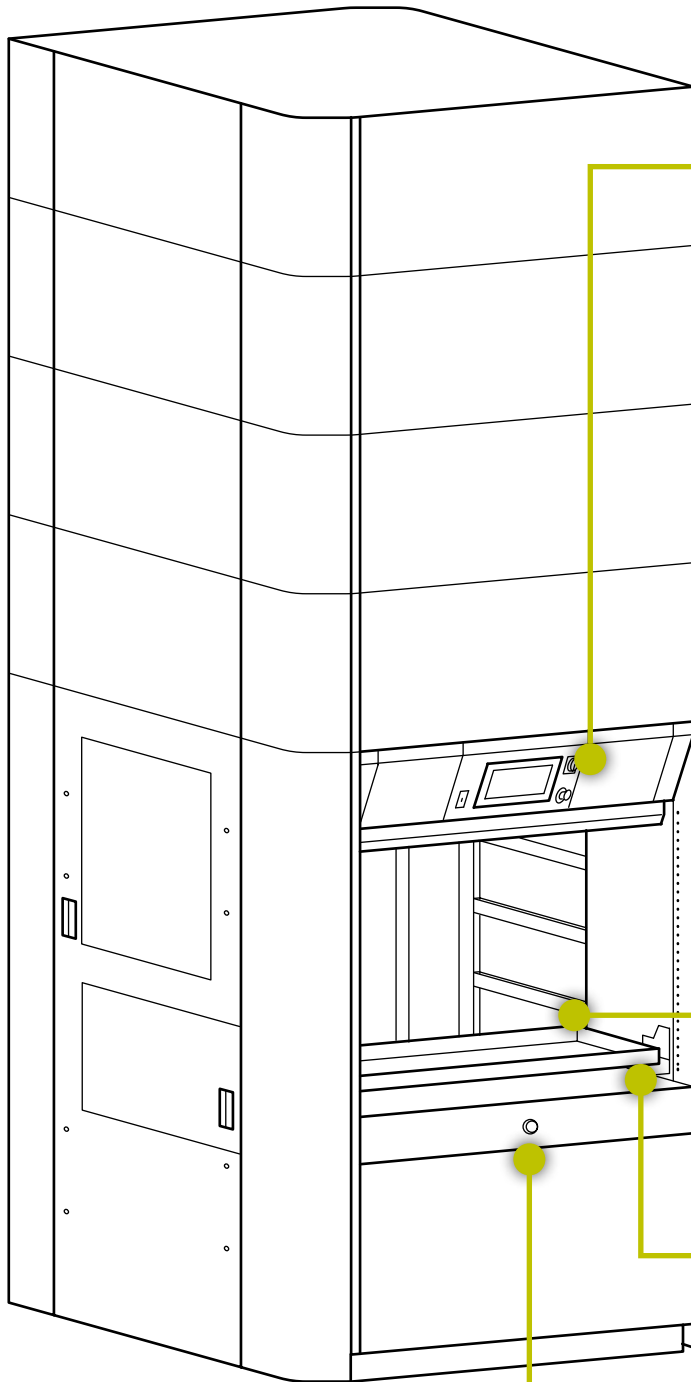
Integrated and ergonomic touchscreen user interface

Compartmented trays

Alphanumeric LED bar

Acknowledge button

At only 1.6 m deep, the **LISTA Lift S** is the ultimate storage lift: as capable of bearing loads as something bigger, yet as compact and space-saving as a paternoster. The overall capacity is up to 25,000 kg at 7 m high. It has optimal capacity. The system enables the trays to position things dynamically and flexibly within the lift, so that you can make the most of every centimetre of its storage space. The LISTA Lift S is similarly efficient when it comes to maintenance and energy consumption. At less than 1.2 kW/h, the system represents an impressively cost-effective solution. It also requires minimal care and maintenance: the drive system does not need to be lubricated and is very easy to install and adjust thanks to the self-centring pulleys. The extensive range of accessories allows safe and reliable storage of all sorts of materials and products. In other words, The LISTA Lift S gives you maximum efficiency and flexibility, even with a very limited footprint.

TECHNICAL SPECIFICATIONS

Tray width	1300 / 1900 / 2500 mm
Tray depth	425 mm
Tray wall height	45 mm
Device width	1685 / 2285 / 2885 mm
Device depth	1675 mm
Device height	Variable from 2400 to 7000 mm
Height increments	100 mm
Storage grid	25 mm
Net load per tray	350 kg
Total weight	Up to 25 000 kg
Max. stored goods height	650 mm
Tray access height	835 mm
Speed	Up to 190 cycles per hour (depending on configuration)
Operating interface	10.4-inch touchscreen industry console (co-pilot)
Number of access hatches	1
Type of access hatch	Internal with single extension position
Min. power consumption	1.2 kW/h for Slim Lift 1.3, H = 7,000 mm
Power supply	230 V single-phase and 400 V three-phase

LISTA LIFT P
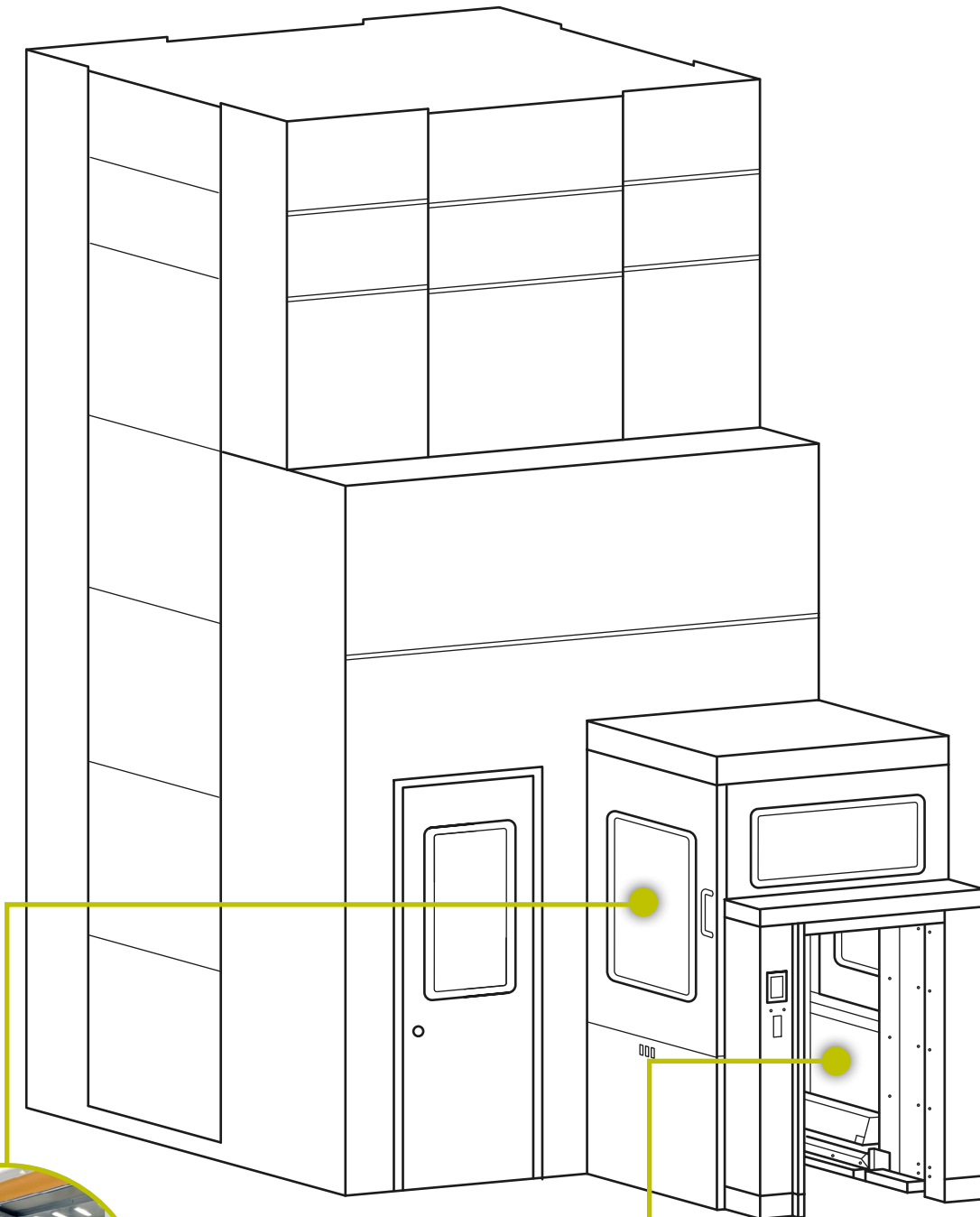
Simplified picking thanks to side access hatch

Flexible loading / removal hatch designed for use with manual or electric pallet truck

LISTA Lift P is an automated solution for independent and safe handling of Euro pallets measuring 1200 x 800 mm, transport pallets or boxes with the same dimensions. At the loading point, our system measures the weight and height of each pallet and automatically selects the optimum storage location. This makes efficient use of every square centimetre. Your benefits: Optimum use of space thanks to intelligent pallet storage. Risk-free and convenient storage.

MODEL OVERVIEW

Model	Tray width (mm)	Tray depth (mm)	Loading capacity (kg)	Maximum number of pallets	External dim. of pallet lift (L × W mm)
1500XLP	1460	1257	250 - 990	1	2038 × 4460
1900XLP	1860	1257	250 - 990	2	2438 × 4460
3100XLP	3060	1257	250 - 990	3	3638 × 4460
4100XLP	4060	1257	250 - 990	4	4638 × 4460

TECHNICAL SPECIFICATIONS

Device heights	4300 mm – 16 100 mm
Height increments	200 mm
Storage grid	25 mm
Tray widths	1500 mm – 4100 mm
Tray depth	1257 mm
Total weight	Up to 90 000 kg (depending on model and configuration)
Max. storage height	1200 mm (product) + 144 mm (pallet height) = Total height of 1,344 mm
Storable material	Pallets and bulk material can be managed at the same time
Operating interface	10.4-inch touchscreen industry console (co-pilot)
Type of access hatch	1 pallet removal hatch on the floor + 2 standard access hatches (also in height)

LISTA
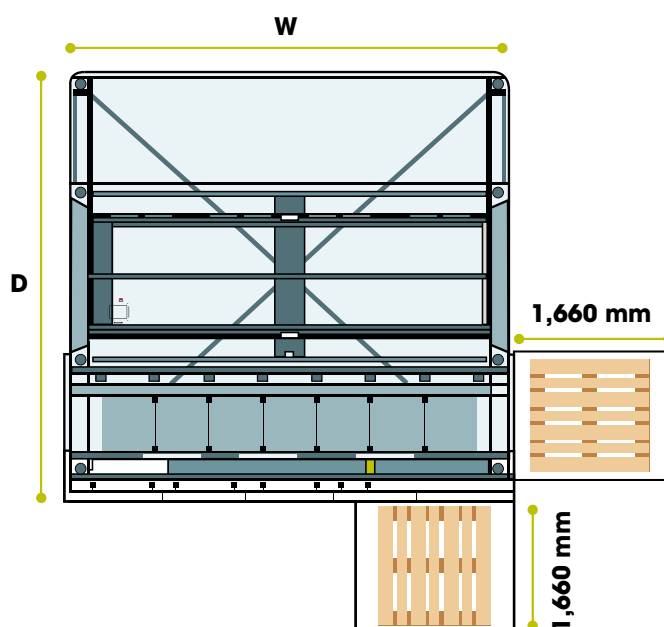
ADD-ONS

Customised add-ons help to further simplify your work processes.

External access hatch

The external access hatch creates an ergonomic work area which optimises picking times and can be combined with picking tools, crane systems and lifting equipment. Safety is ensured by light barriers complying with international regulations.

Second access hatch

With the option of a second access hatch level, the LISTA Lift offers a very fast picking rate, which reduces waiting times considerably. While the operator processes one tray, the next tray to be processed is already being made ready in the second hatch position.
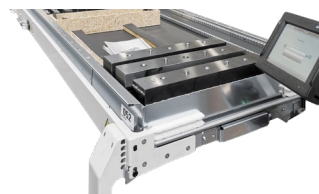
Item weighing scale

Label printer

RFID reader

Bar code reader

Laser pointer
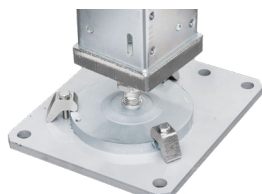
Weight distribution plates

Telescopic pull-out

LISTA Green (energy recovery)

LED position indicator

LISTA transport units

ESD system

Put-To-Light

PARTITION MATERIAL

LISTA creates systematic order for every requirement. Whether standard metal dividers or customer-specific requirements, our partition material offers flexible solutions for practically any stored goods.

PLASTIC F-BOXES

Coordinated plastic boxes in different sizes ensure that bulk goods, loose goods and small parts are perfectly sorted into trays.

- Optimum space savings
- Premium quality and durability
- Resistant to water and grease
- Easy to clean

The plastic boxes are available in different designs.

Type	Dimensions (L × W × H mm)	Art. no.
AA	150,5 × 104 × 117	65.07.65.89
A	150,5 × 208 × 117	64.85.97.55
B	290,5 × 208 × 117	64.85.98.56
C	290,5 × 416 × 117	64.85.99.57
D	678 × 416 × 117	64.86.00.58

DIVIDERS

Dividers ensure optimum partitioning of the tray space so that objects of different sizes are stored efficiently.

- Flexible partitioning options for individual requirements
- Robust material for a long service life
- Easy to install and adjust

The dividers are available in different designs.

Height (mm)	Dimensions (mm)
45	100; 140; 180; 220; 260; 300
70	100; 140; 180; 220; 260; 300
95	100; 140; 180; 220; 260; 300
120	100; 140; 180; 220; 260; 300
145	100; 140; 180; 220; 260; 300
170	100; 140; 180; 220; 260; 300
195	100; 140; 180; 220; 260; 300
220	100; 140; 180; 220; 260; 300
245	100; 140; 180; 220; 260; 300

MORE INFORMATION

For more information on partition material for your LISTA Lift, visit our website.

www.lista.com/en/products/accessories/
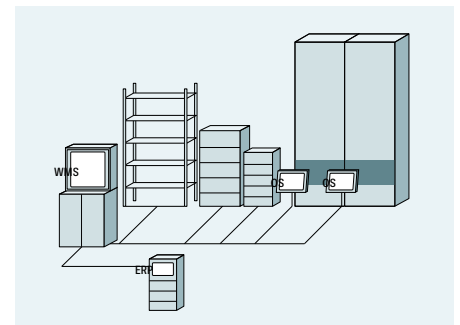
LISTA

SYSTEMATIC INVENTORY MANAGEMENT

A range of comprehensive solutions are available for the operation and management of the LISTA Lift. The **LISTA Lift Management** system is scalable and can be adapted to suit individual requirements in three different integration levels. It includes simple machine control, extended warehouse management with LISTA WMS software through to complete integration of the LISTA Lift by connection to all standard ERP systems.
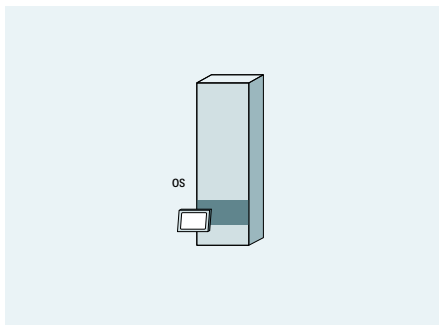
DEGREE 1

LISTA OS
Easy tray management (included in the scope of delivery)
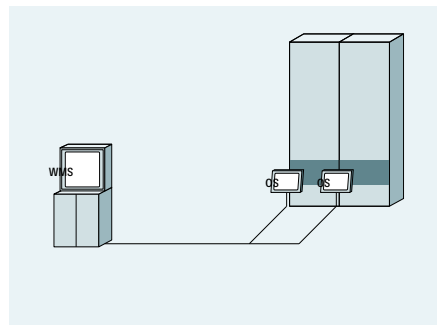
DEGREE 2

LISTA OS & WMS Basic
Additional warehouse management software

DEGREE 3

LISTA OS & Lista WMS Advanced without interface to peripheral system
Additional warehouse management software for advanced user/ inventory management
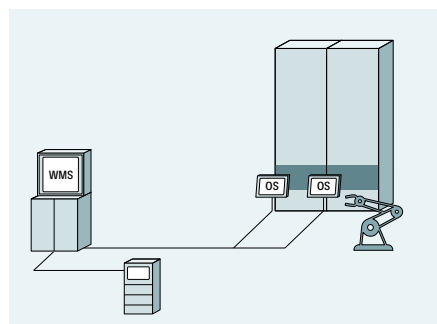
DEGREE 4

LISTA OS & WMS Advanced incl. interface to peripheral system

DEGREE 5

LISTA OS & Lista WMS Advanced & WMS module

## CONNECTION TO EXISTING CUSTOMER SYSTEMS
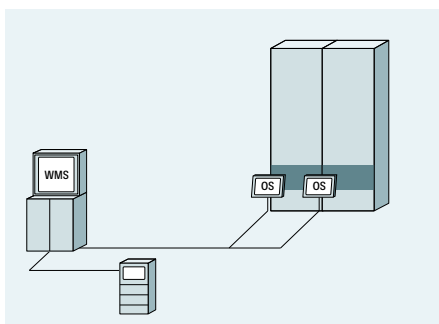
- **LISTA OS & WMS Driver**
  Connection to existing customer WMS system

- **LISTA OS & WMS Link**
  Connection to customer's control system, e.g. robot cell

LISTA WMS SOFTWARE

LISTA WMS software is a modular, database-supported solution that simplifies warehouse management and speeds up work processes. It can be installed on several computers and integrated into the respective IT environment via diverse interfaces, so that it can be adapted to suit individual customer requirements. The software is easy to use and therefore quick and intuitive.
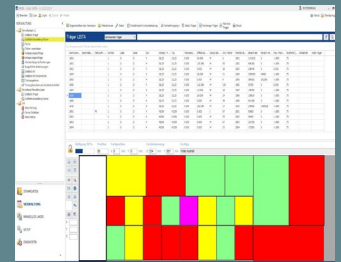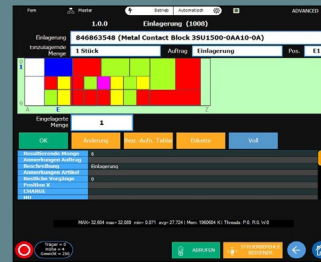

FUNCTIONAL OVERVIEW

Functions	LISTA OS	LISTA WMS Basic	LISTA WMS Advanced	LISTA WMS Master data module*	Lista WMS Extended picking*	LISTA WMS Manual warehouse module*	LISTA WMS Driver	LISTA WMS Link
Control of LISTA Lift trays via control unit	●							
Article search function		●	●					
Control of accessories		●	●					
Management of article master data		●	●					
Graphical management of storage spaces		●	●					
Management of storage/removal orders		●	●					
User management		●	●					
Movement history display		●	●					
Automatic article and storage space assignment			●					
Delivery reason management			●					
Advanced user management with access control			●					
Article batch management			●					
Material status management			●					
Due date management			●					
Configurable interface to the peripheral system (ERP)			●					
Management of article properties (additional attribute fields)				●				
Management of article images				●				
KIT administration (parts lists)					●			
Automatic creation of storage spaces					●			
Management from manual warehouse						●		
Manual warehouse WMS APP for Android						●		
Management of LISTA Lift with its own WMS system							●	
LISTA Lift robot connection			●					●

*Requires Lista WMS Advanced.

ROBOT INTERFACE

Greater productivity, efficiency and occupational safety: In many fields, but particularly the storage and logistics sectors, industrial robots are increasingly being used to relieve strain on humans by taking over strenuous and highly repetitive tasks without fatigue. Our automated warehouse systems have state-of-the-art interfaces to seamlessly integrate robots like this into your operations. In this respect, too, LISTA stands for investment security and a high level of innovation.
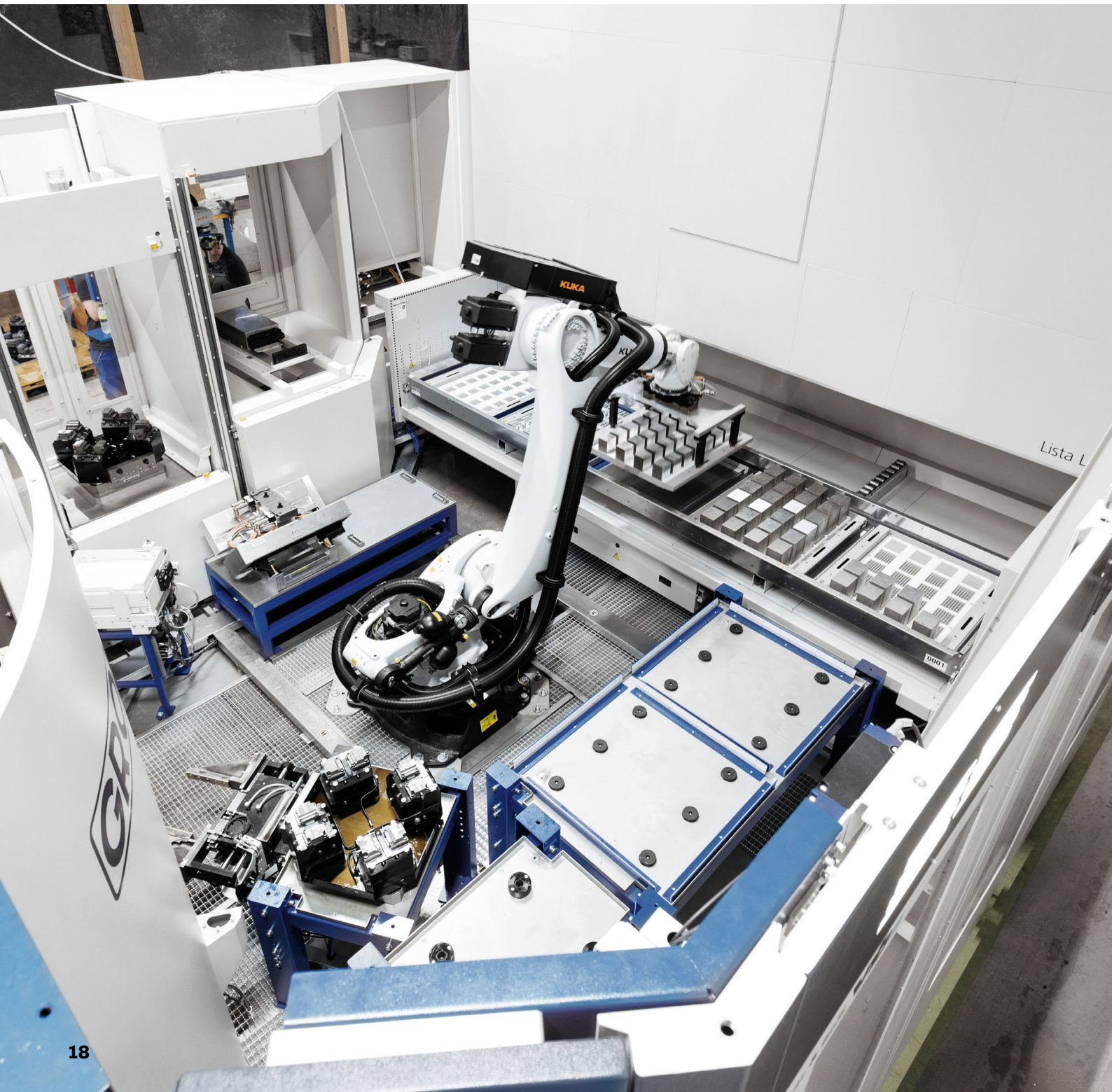
THE LISTA SERVICE MODEL

LISTA not only allows you to opt for first-class, innovative products: Our service model is flexibly scalable and ranges from standard services to complete service packages tailored to your individual needs. True to the motto "one face to the customer", LISTA Services combines maintenance, spare parts, training, IT support and more. And throughout all of this, our goal is to guarantee maximum performance and operational safety. Get in touch.

Advice, planning and visualisation

Individual engineering

Installation

After sales

Spare parts

Repairs

Yearly maintenance

Customer service

Training

LISTA

SYSTEMATIC APPROACH

The system-based approach is a LISTA trademark. To help you set up your business in the best way possible, we offer you a comprehensive range for all functional areas. Combine individual modules freely as required, from the warehouse, workshop, production and assembly to the office. Our products can be individually configured, equipped with matching doors, countertops, variable interior layouts and accessories. And if this still does not lead to the optimal solution, our engineers will develop a special solution for you. In this way, the LISTA system combines a consistent look and feel with individual functionality, thereby creating the basis for efficient processes in your company. In other words, LISTA allows you to work faster, more productively or simply better.

WAREHOUSE
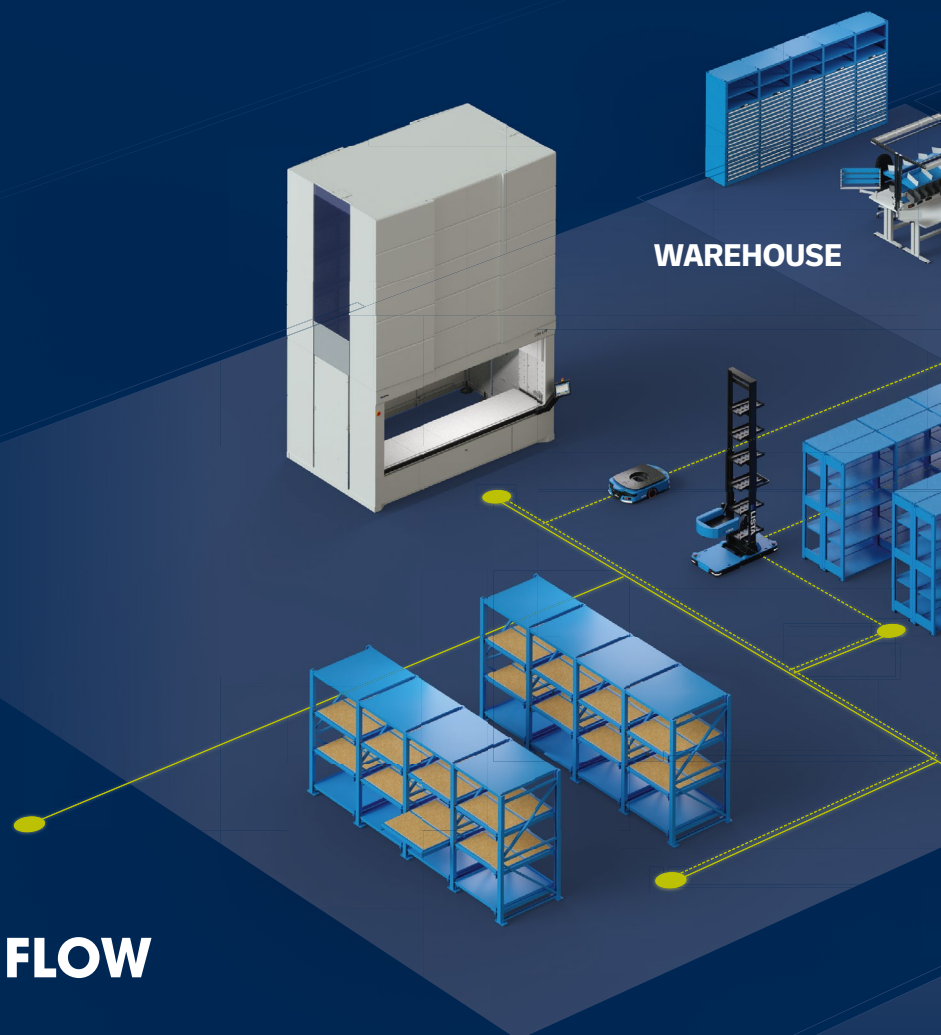
OPTIMUM MATERIAL FLOW

In addition to ergonomic workplace design and storage, the fast and easy transport of goods and material is a decisive criterion for efficiency and productivity in a company. LISTA solutions ensure a smooth material flow and thus make a valuable contribution to further optimising your intralogistics.

WORKSHOP

ASSEMBLY

OFFICE

COMMON ROOM

PRODUCTION

LISTA

THERE FOR YOU ALL OVER EUROPE

ORDERING AND CONTACT

Do you need further information, personal advice or would you like to order a product? We look forward to hearing from you.

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LISTA is there for you: on several continents, in many different locations. In addition to our two plants at the headquarters in Erlen (Switzerland) and in Bergneustadt (Germany), we also look after and advise our customers through our international sales branches in Europe. A close-knit network of retail partners tops off the service that we offer.

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