



In good hands

LAWECO - Europe's leading manufacturer of individual lifting solutions



Lifting solutions designed to meet the highest standards

The extensive range of high-quality lifting systems, superior quality features and excellent customer service make LAWECO a first class supplier throughout Europe. Our company has made a name for itself through the conceptual design and production of inline lift platforms for various industries and the realisation of customised special constructions.



Why do renowned engineering companies all over the world count on the quality and reliability of LAWECO?

It is the sum total of details that distinguishes LAWECO: The cutting edge technology made in Germany that sets standards in precision, safety and functionality for lift platforms or equipment for aircraft cargo handling. Over 30 years of experience of our highly motivated and specialised team.

The consistent customer and service orientation, reflected in the large proportion of repeat business and an extremely high level of customer satisfaction. The special products that are tailored to our customers requirements right down to the last detail. The proverbial Westphalian honesty and reliability that our customers can always depend on.

Engineering made in Espelkamp

Everything from a single source, everything under one roof: LAWECO represents top quality and excellent service. Our customers can count on our efficient workflow and a team of experienced specialists who cooperate perfectly.



Our family-owned company



LAWECO Maschinen- und Apparatebau GmbH was established in 1979 by Dieter Brinkmeyer (†) and Partners in Espelkamp. Starting as a manufacturer of lift platforms, LAWECO quickly evolved into a specialist for customised solutions.

Today, the company is still managed by Dietmar Lagemann and is owned by Annemarie and Nina Brinkmeyer.

Customised lifting systems

LAWECO offers customised solutions - through competence in construction, quality and design. Our customers benefit from the know-how of our engineers in various industrial fields:

- **Woodworking industry**
- **Sheet metal industry**
- **Automotive industry**
- **Aircraft industry**
- **Aircargo**
- **Railway technology**
- **Paper industry**
- **Loading technology**
- **General machine and plant manufacturing**

Utmost perfection in production technology



LAWECO is known for lifting systems that are sturdy and excel in safety and longevity.
The entire product creation process is certified according to DIN EN ISO 9001 : 2008.

Generous dimensions

The heart of our production is our plant in Espelkamp. In this plant, high-capacity lifting systems with a lifting force of up to 120 t are produced.

- **Construction with 3D-CAD systems**
- **7,500 m² manufacturing surface with modern crane systems**
- **CNC controlled production machines**
- **computer-controlled high racking systems to ensure short running times**
- **modern painting machine line for customised paintwork**

Transparent processes

The LAWECO quality begins with the selection of reliable sub-suppliers and high-quality materials.

Mistakes are reduced to an absolute minimum by the direct connection of our design and production departments. We carefully document each production step.





Tested safety

All technical parameters are continuously tested during production.

The lifting system is loaded with test weights during the final acceptance. All results are accurately recorded in an acceptance protocol.



Qualified personnel

Our products are only as good as the people who produce them.

Therefore, we value team players with the ability to think for themselves throughout the company, and invest in their training and continued education.



Real class reveals itself in the details

The LAWECO quality lead is a reflection of the high standard we demand of ourselves.

Uncompromising precision, safety and functionality of the products are our standards.

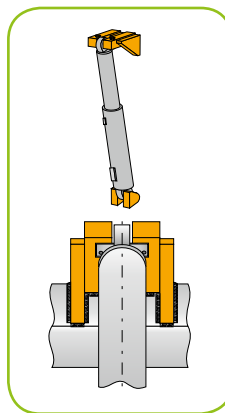
An overview: the technical advantages of one of the LAWECO lifting system taken as an example:

Top frame

The top frame is made of closed sections with the aid of gauges.
The sturdy dimensioning is made according to individual load situations.

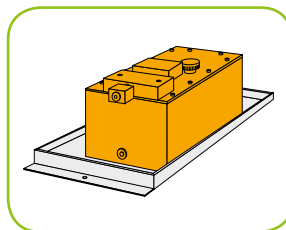
Hydraulic cylinder suspensions

The quick-change support of the hydraulic cylinders developed by LAWECO distinguishes itself through excellent maintenance convenience. This makes extremely low downtimes possible in case of assembly and disassembly of the hydraulic cylinder.



Hydraulic group

Due to the hydraulic system that has been optimally adapted to the specific application, an economical capacity is selected. The hydraulic design ranges from simple valve technology to closed control circuits. High-quality components produced by renowned manufacturers are used for this purpose.

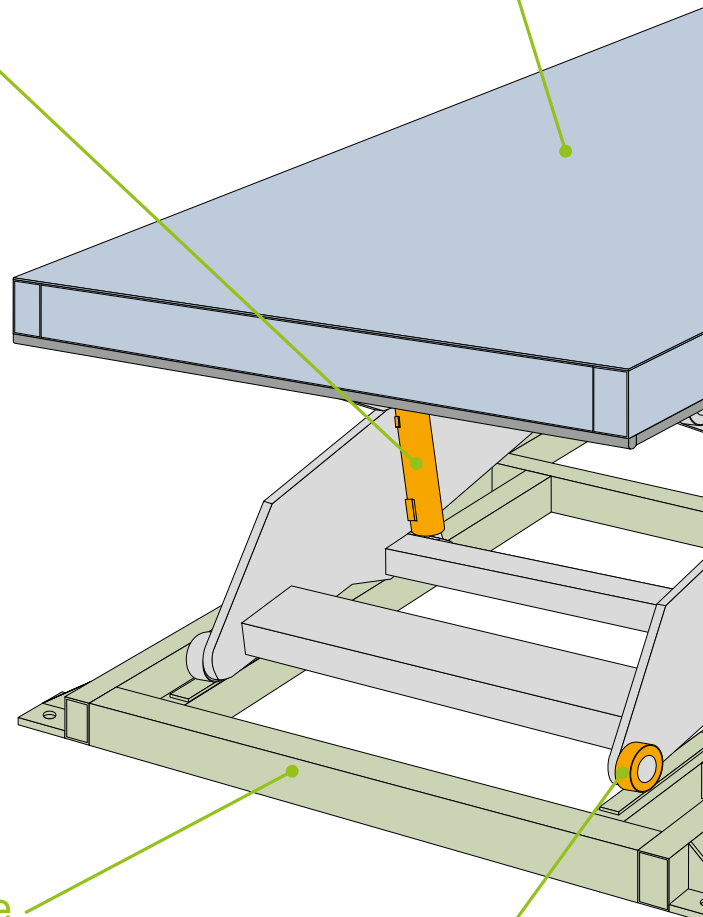
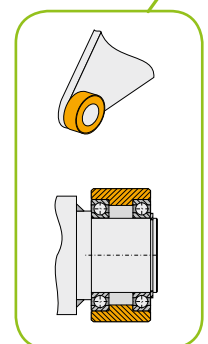


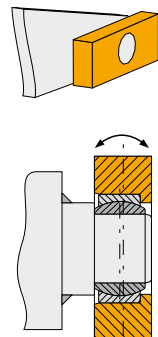
Base frame

The base frame is designed as a self-supporting unit.
Subsequent grouting for support is not required.

Running rollers

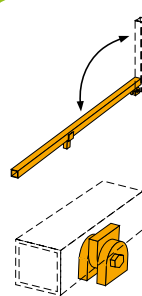
The antifriction, maintenance free and nitride hardened rollers run on wearing rails in the top and base frame. The seals used make application possible under difficult ambient conditions.





Bearing points

All bearing points in LAWECO lift platforms are designed maintenance-free. Furthermore, all joints are equipped with spherical bearings (pivoting bearings) that can compensate for tilting angles. The seal used makes application possible even under adverse ambient conditions.

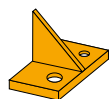


Maintenance supports

LAWECO lift platforms are equipped with generously dimensioned maintenance supports. These are connected to the lift platform by means of hinges to ensure that they cannot get lost.

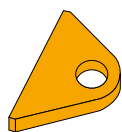
Scissor frame

The solid steel scissor unit as support and guide means is dimensioned with a high degree of safety in order to achieve maximum rigidity.



Levelling and anchor plates

The levelling and anchor plates arranged on the base frame make it possible to align and fasten the lift platform without additional shimming.



Loading eyebolts

The loading eyebolts fitted to the base frame permit problem-free handling of the lift platform.



Better quality, capacity & safety

LAWECO not only supplies first-class lifting technology but also offers the best possible support for the entire workflow of your projects. We are at your side as a competent partner and consultant, from the planning phase to spare parts supply.

✓ Consulting and planning

Our engineers and designers are experienced in many industrial sectors and, in general, are able to tell you from the start what is possible and what is not. This saves you unnecessary work, research and a lot of time during the planning phase.





✓ Transparent design

We work closely together with our customers right from the design phase. This means you are always informed about the current state of your project. Necessary decisions can be agreed upon quickly and without complications.



✓ One responsible contact

Each project is accompanied by a competent responsible contact person who is constantly informed about the progress of the project.

✓ Transparent production

Currently we do not have webcams, which would allow you to monitor the manufacturing progress of your lifting system. Instead, you can trust our word and be assured that we will inform you in time if the process is ever delayed at any point.

✓ Reliable delivery deadlines and expert assembly

Should your lifting system require special final assembly and commissioning/start-up, both will, of course, be carried out by our service technicians according to schedule and reliably, be it around the corner or abroad.

✓ Service

A malfunction can never be completely ruled out in spite of the high operating reliability and availability of LAWECO lifting systems. In such a case, our technicians will be on site as quickly as possible.

✓ Spare parts with maximum availability

Shut-downs cost time and money. For this reason, LAWECO provides a first-class spare parts supply. Original LAWECO spare parts are available for all designs at short notice. Only original parts offer the required safety for smooth operation.

✓ Maintenance

To ensure long-term operating reliability of our lifting systems, we offer you tailor-made maintenance agreements.



Perfection for machine lines: LAWEKO lifting systems

Intelligently organised material flows must remain uninterrupted, even when height differences need to be overcome. So it is no surprise that planners and designers prefer reliable lifting solutions built by LAWEKO.

Ideal for all
areas of application

For all areas of application and various industries: The product program of our lifting solutions provides customised quality and efficiency.



Hydraulic solutions

Whether in industrial plants or on airports: LAWECO's hydraulic lifting systems ensure problem-free processes through efficiency, precision and reliability.

✓ Timber industry

In this industry, LAWECO lifting platforms are mainly used for creating and separating stacks of wood with a stack weight of up to 120 t. Additional applications include overcoming height differences as well as rapid raising and lowering of individual pallets.

✓ Paper industry

LAWECO lift platforms are mainly used for creating and separating stacks. Additional application possibilities are the handling of paper rolls and rack loading.

✓ Sheet metal industry

In the infeed and outfeed areas of coil processing systems, it is primarily coil lifting carriages that are used for coil handling. In combination with the various coil storage systems even complete solutions can be used. In the stack areas, stationary and movable scissor lift platforms are used for the required blank handling.



Our product program will satisfy all requirements

✓ Aeronautical industry

In the Aeronautical industry, lift platforms serve as transport means, e.g. for complete fuselages, or as an assembly aid during component production.

✓ Aircargo

For stationary handling of air cargo containers and pallets, lift platforms are used as lifting devices for great loads in adverse ambient conditions.

✓ CARGO MASTER

The perfect interaction of mechanical and hydraulic components and the control system make the LAWECO CARGO MASTER fleet the perfect fit for airports all over the world.



✓ Loading lift platforms

Our modular design enables us to offer you customised loading lift platforms at excellent value for money with maximum safety precautions and the shortest possible delivery times in the tried and tested LAWECO quality.

✓ Railway technology

For manufacturers and operators of rails and utility/commercial vehicles, LAWECO designs customised solutions for assembly work, e.g. for the installation and removal of drive units.

✓ Special designs

In addition to the typical lift platform applications, LAWECO offers individual solutions for special lifting requirements. LAWECO develops solutions for anything that has to be lifted, from material lifting systems for high-rise construction to material elevators or lorry lift platforms.

✓ Standard lift platforms

Fast, safe, economical. This combination distinguishes our standard and flat lift platforms. The high quality and availability of LAWECO lift platforms are just two reasons why your investment will always pay off in the long term.



Safe and reliable: Mechanical lifting systems

LAWECO's mechanical lifting systems are adjusted to the special requirements of different industrial sectors - e.g. the automotive industry and the food sector.

The automotive industry requires especially high availability and precision as well as adherence to strict specifications. Therefore, low-maintenance and hydraulic-free drive concepts such as spindle, belt and push-pull chain are used here.

LAWECO lifting systems also reliably fulfil the strict cleanliness requirements of the food industry.



Efficiency and precision

All LAWECO lifting systems are characterised by a long service life, cost efficiency and precision.

✓ Belt lift platforms

The most recent development in lift platform technology is based on mechanical drive technology by means of belts without any hydraulic oil. Due to a catch system, BELT-LINE lift platforms meet the safety requirements laid down in DIN EN 1570-1:2012. The combination of exemplary positioning accuracy, smooth running and long service life is the reason belt lifting platforms are an economical precision solution, and not only for sensitive areas.

✓ Spindle lift platforms

Spindle lift platforms are a consistent development and addition to the time-tested LAWECO hydraulic lift platforms. These spindle platforms provide numerous advantages, especially in sensitive areas, e.g. in the chemical industry. Spindle lift platforms which run without hydraulic oil are characterised by their accuracy to the millimetre when reaching approached heights and by the minimum maintenance effort they require.

✓ Push-pull chain lift platforms

The innovative LAWECO CHAIN-LINE is mechanically driven by means of a push-pull chain and achieves maximum capacity without the use of hydraulic oil. Due to a particularly harmonious motion sequence and the excellent load change behaviour in each lift position, CHAIN-LINE lift platforms are the preferred solution for designers who place an extremely high value on efficiency and precision for their area of responsibility.

LAWECO – In good hands



It is the sum total of details that makes LAWECO first choice – no matter which lifting solution is required.

Put your trust in Europe's leading manufacturer of individual lifting solutions. In cutting edge technology, made in Germany, setting standards in precision, safety and functionality. In over 30 years of experience of our highly motivated and specialised team. In consistent customer and service orientation, reflected in the large proportion of repeat business and an extremely high level of satisfaction.

In special products tailored to your requirements right down to the last detail. And of course, in the proverbial Westphalian honesty and reliability that you can always depend on as our customer.

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