



Company presentation





Highest standard in Europe

The family owned company LAWECO is one of the leading suppliers of high-quality lifting systems in Europe.

Worldwide, renown engineering companies count on quality and reliability made in Espelkamp.

Our Basis: Family owned company from the beginning

LAWECO Maschinen- und Apparatebau GmbH was established in 1979 by Dieter Brinkmeyer and his Partner in Espelkamp.

The company is still totally family owned.

LAWECO has developed into a leading European manufacturer of high class lifting systems, which are sold throughout the world.



Our Motive: Stability and Growth

LAWECO employ 130 people at their factory in Espelkamp.

Turnover in the last years was approx. 18 million Euros.

CARGO MASTER, the traditional brand name for cargo handling vehicles with scissor lift tables, belongs to the LAWECO product range since 2008.



Our Power: Lift technology on a higher level

LAWECO specialises in design and manufacture of lift systems at a higher technical level. Our products include:

Hydraulic and Mechanical

- Plant Integrated Lift Platforms
- Loading Bay Lift Platforms
- Low Profile Lift Platforms

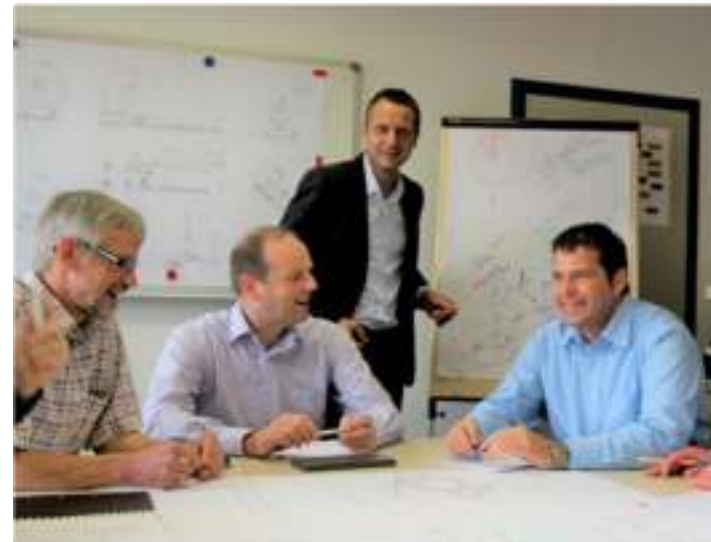
as well as CARGO MASTER Loader and Transporter



Our Strength: Individual solutions to the specification of the customer

Our team of specialists develop lift system solutions to you individual specification, whatever your industry or application:

- woodworking industry
- sheet metal processing industry
- aeronautical industry
- air cargo
- railway industry
- paper industry
- loading bay
- standard- / low profile





Woodworking Industry

LAWECO LAWECO lift platforms are mainly used for rationally stacking and destacking wood up to a stack weight of 120 tons. Additional typical applications include overcoming height differences as well as rapid raising and lowering of individual pallets.



inching in millimetre steps upwards,
lowering as fast as 150 mm/sec



horizontal accuracy millimetre perfect,
lifting for automated stack separation



Heavy platform for feeding the process,
hydraulic props for stability at levels



transport of heavy loads between two levels,
fast lifting and lowering speeds, vertical guiding
rollers on upper frame



Sheet metal processing industry

The versatility and capability of LAWECO products is most notably shown in coil processing systems. In the infeed and outfeed areas, coil lifting carriages primarily handle the coil.

In conjunction with various rack systems even complete solutions can be realised.

In the stack areas, stationary and movable scissor lift platforms provide the required handling. Here, it is also our goal to respond to the wishes and requirements of our customers and to provide individual solutions.



coil lift platform with conveyor to feed production line process



driven double coil rest equipment, safe removal and handling by driven scissor lift



Fully integrated lift platform combination for stack movement and separation in press tool production line



Aeronautical industry

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



Lift platforms for access and maintenance work on aircraft engines, tail fin and wings



CARGO MASTER

The LAWECO CARGO MASTER fleet provides our customers with an invariably high performance level based on consistent use of innovative technologies. The especially high availability and safety results from the perfect combination of the mechanical and hydraulic components and the control system. The premium workmanship and reliable service match our time-proven LAWECO slogan „In good hands“ and complete our strengths.

LAWECO's CARGO MASTER GREEN LINE shows how economic and environmental aspects can be combined in a reasonable manner. The GREEN LINE makes freight handling on airports significantly more environment-friendly and supports airports in their sustainable reduction of CO2 emissions.



CARGO MASTER TRANSPORTER CMT7
capacity 7 t
Deutz diesel TD 2011, 52 kW
maximum drive speed 25 km/h



CARGO MASTER LADER TRANSPORTER CMLT 3.7-3.6
capacity 3.7 t – lifting height 3.6 m
Deutz diesel D 2011 L04i, 46 kW
maximum drive speed 25 km/h



CARGO MASTER Lader
CML 7-3.7 standard / standard wide /
CML 7-5.6 standard universal
capacity 7 t – lifting heights front platform 3.7 m (universal 5.6 m) / main
platform 3.7 m
Deutz diesel TD 2011 L4i, 52 kW
load sensing hydraulic
CANopen control

[More Samples](#)



CARGO MASTER LOADER CML 7 – GREEN LINE

CML 7-3.7 standard / standard wide /

CML 7-5.6 standard universal

capacity 7 t – lifting heights front platform 3.7 m (universal 5.6 m) / main platform 3.7 m

electrically-operated by two Linde electric motors with 25 kW each

battery Hoppecke 930 Ah, on board charger Hoppecke Trak Air,

CANopen control

[More Samples](#)



CARGO MASTER LOADER
CML 14-5.6
capacity 14 t – lifting heights front platform 5.6 m /
main platform 5.6 m
Deutz diesel TCD 2012, 86 kW
load sensing hydraulic
CANopen control



CARGO MASTER advanced solutions
CARGO MASTER Transporter CMT 14 und CARGO MASTER CML 35 – 5.6



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.



Driven assembly rig with turntable for maintenance of railway vehicles



turntable 44 t steady



Paper Industry

The predominant use of LAWECO lifting platforms in the paper industry is for the formation and separation of stacks. Additional application possibilities are the handling of paper rolls and rack loading.



Loading Bay

Loading processes require smooth material flows. For this reason, designers and planners throughout the world rely on LAWECO loading lift platforms due to their robust design and unlimited functionality.

Our modular design allows us to offer economical loading lift platforms meeting your specifications with short delivery times and, of course, with the proven LAWECO quality and maximised built-in safety.



loading lift platform with roll-off protection,
gap protection and aluminium loading bridge



Loading lift platform with hydraulic loading
bridge, heavy load performance and massive
door design

[More Samples](#)



loading lift platform for material transport up to a stage with gap protection and socket railing



Flat Lift Platforms

Fast, safe, reliable, economical. This is what distinguishes our standard and flat lift platforms. High quality and availability of LAWECO lift platforms are only two reasons why your investment will always pay off long term. In addition, LAWECO offers particularly high safety standards which, in this form, cannot be taken for granted.

[to continue presentation](#)



with tilt platform



with turntable

Our Claim: Progressive development using the latest technology

LAWECO leads the way with innovative design development of new products and systems for the lifting, lowering, loading, moving, stacking, tilting and turning of goods and materials.



Two examples:

Belt lifting platform BELT-LINE: the innovation without hydraulic oil

- high accuracy in positioning
- very good load changing behaviour
- high lifting speed combined with very quiet running
- catch device for compliance to DIN EN 1570-1:2011 by independent belt



Push-chain lift platform CHAIN-LINE: the innovation, which combines the advantages of ball and screw jack

- very good load changing behaviour
- harmonious movement throughout travel
- high accuracy in positioning
- no hydraulic oil



Our Service: Reliability from the beginning

With a powerful engineering resource and experience as the market leader we have an advantage to pass on to you.

LAWECO supports you and your goals at every stage of design, manufacture and installation.

LAWECO guarantee high reliability and life expectancy.

LAWECO is at your disposal with a flexible attitude to meet your objectives.

LAWECO technical service team are ready to help you, always.



Our Principle: Quality system – quality product

For the quality and safety of our customers we are working in accordance with DIN EN ISO 9001:2015.

With a factory acceptance test and extensive load tests we ensure the LAWECO product does fulfill the highest claims for quality.

A system of documentation guarantees traceability of every part, even after years without any problems.

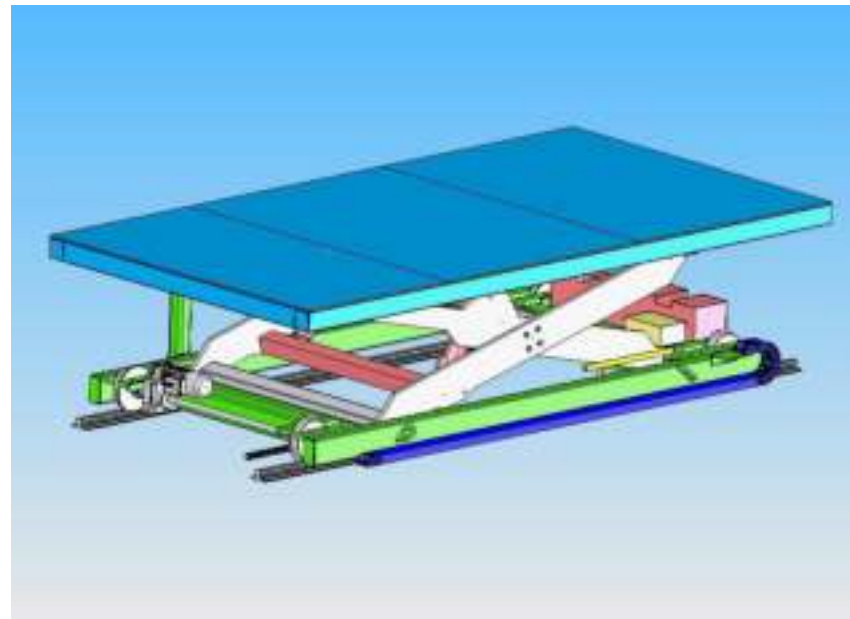


Our Tools: Design in best form

Mechanical design:
designing of all parts in 3 dimensional
program system Solid Works

Hydraulic design:
designing of the hydraulic components
according to DIN ISO 1219 part 1 and 2
with CAD

Elektric design:
designing of electric and terminal
drawings through WSCAD according to
DIN 40719 and DIN-EN 61346





Our Tools: Assembly in best form

To realise our claims we rely on a high percentage of „in house“ manufacturing. Therefore we possess all the required skills, materials and machinery to get the job done.

- ca. 10.500 m² assembly area with overhead cranes of a capacity with more than 25 tonnes
- NC and DNC controlled manufacturing machines for ultimate accuracy of component parts
- computerised and automated high rack steel storage for short assembly time
- Modern paint shop for individual colouring



No matter what you intend to lift;
At LAWECO you and your plans are

In good hands

We thank you for your attention!