TECHNOLOGY
AT THE HIGHEST LEVEL

Space-saving and safe parking solutions for everyday life

WWW.LODIGE.COM
Space-saving & Comfortable Park-and-Hide

Urban centres are constantly growing. The rising number of cars is challenging architects, developers and owners to create sufficient parking spaces on their properties.

Our parking solutions not only enable the provision of additional parking spaces, but also improve the user-friendliness and comfort of the parking process.

We offer solutions from one to two cars to large systems with several hundred spaces. Our variety of products can be individually tailored to your needs and are suitable for both new builds and existing buildings.

The new era of parking: innovative parking technology

**OVERVIEW OF OUR SOLUTIONS:**

**Car Lifts: Pegasos®, Traffico® & Carrico®**

Lifts to transport cars over many levels. Pegasos® requires particularly small installation dimensions. Traffico® offers convenient and customisable user operations. Carrico® is an interesting alternative when lower lifting heights and less frequent use are required.

**Car Scissor Lift Magus®**

Space-saving parking solution suitable for one or two cars. Completely integrated into driveways or front/backyards.

**Automated Car Park Systems**

Our fully automated car park systems, based on the latest technologies, enable efficient, comfortable and space-saving parking.

**Service | 24/7 Remote Assistance**

Worldwide local service for individual machines or complete systems. Backed up by Lode's 24/7 support desk.
MORE OPTIONS

SPACE-SAVING AND SECURE PARKING

Using state-of-the-art technology, we develop, implement and modernise transport and parking solutions for one up to more than 1,000 cars. With in-depth expertise and the most modern technology, we create space for safe and convenient parking. Ease of use and a high level of reliability distinguish our solutions. We place great emphasis on the integration of your individual needs and the development of solutions for both indoor and outdoor use.

<table>
<thead>
<tr>
<th>Car Lifts</th>
<th>Car Park Systems</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Max. lifting height</strong></td>
<td><strong>Maximised throughput</strong></td>
<td><strong>24/7 Remote Assistance</strong></td>
</tr>
<tr>
<td>2.99 m</td>
<td>Particularly high and flexible use of space</td>
<td>Maintenance</td>
</tr>
<tr>
<td>24 m</td>
<td>Easy retrofit in existing buildings</td>
<td>Spare parts and repairs</td>
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<tr>
<td>24 m</td>
<td>Optimised parking capacity in new buildings</td>
<td>24/7 remote control service</td>
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<tr>
<td>24 m</td>
<td>Pallet-based technology</td>
<td>Customer advice</td>
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<tr>
<td><strong>Max. speed</strong></td>
<td><strong>Pallet-based technology</strong></td>
<td><strong>Modernisation</strong></td>
</tr>
<tr>
<td>0.15 m/s</td>
<td>More than 30 installed systems since 1992</td>
<td><strong>More than 1 million parked vehicles since 2015</strong></td>
</tr>
<tr>
<td>0.15 m/s</td>
<td>More than 8 installed systems since 2015</td>
<td><strong>High availability rates and user-friendliness</strong></td>
</tr>
<tr>
<td>0.15 m/s</td>
<td>1,250 mm</td>
<td><strong>Especially suitable for higher numbers of parking spaces</strong></td>
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<tr>
<td>1 m/s</td>
<td>1,250 mm</td>
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<tr>
<td><strong>Stops</strong></td>
<td><strong>TRAFFICO®</strong></td>
<td></td>
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<td>2</td>
<td>2-8</td>
<td><strong>24/7 Remote Assistance</strong></td>
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<tr>
<td><strong>Pit depth</strong></td>
<td><strong>PEGASOS®</strong></td>
<td></td>
</tr>
<tr>
<td>650 mm</td>
<td>24 m</td>
<td></td>
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<tr>
<td>No pit required</td>
<td>24 m</td>
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<td>1,250 mm</td>
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<tr>
<td><strong>Man riding</strong></td>
<td><strong>CARRICO®</strong></td>
<td></td>
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<tr>
<td>Not allowed</td>
<td>Allowed</td>
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<tr>
<td><strong>Particularly suitable for up to</strong></td>
<td><strong>5BY2</strong></td>
<td></td>
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<tr>
<td>2 parking places</td>
<td>20 parking places</td>
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© DOKK1 Aarhus | Mathias Sandmann
© Malte Jaeger | CarLoft GmbH Berlin*
© DOKK1 Aarhus | Mathias Sandmann

**PEGASOS®,** apartment building, Königstein, Germany

**TRAFFICO®,** Wildbachstrasse, Zurich, Switzerland

**PEGASOS®,** private building, Berlin, Germany

**CUBILE®,** Car Park System, DOKK1, Aarhus, Denmark
PARK-AND-HIDE CONCEPT

MAGUS®

Our MAGUS® car scissor lift offers a simple solution for parking one or two cars in a very confined space.

Your vehicle is parked in a pit, leaving the overlying surface completely intact. In a number of projects we were able to realise different concepts for the entrance to a parking garage located in the basement. Thus, long entry ramps into a garage are not required.

Particularly noteworthy is the minimum space required by MAGUS®. This is successfully achieved through the integration into a pit. Thanks to an overlying canopy, an even surface is generated and the lifting table, i.e. the parking space, is fully covered.

MAGUS®,
private building, Therwil, Switzerland

A great advantage of MAGUS® is its low installation height. Thus, a classic shaft is no longer necessary, allowing the connection to the upper floor to be easily achieved and the open and appealing character of the showroom to be maintained.

MAGUS®,
car dealer, Göttingen, Germany

<table>
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CAR LIFT WITHOUT A PIT

PEGASOS®

The PEGASOS® car lift is a perfect solution for construction projects with limited space. It was designed specifically for the transport of cars and convinces through its sophisticated design and a variety of comfortable features.

Due to its compact design and the elimination of a machine room, the PEGASOS® is easy to plan. Furthermore, thanks to the automatic roller doors and the low shaft head height, the PEGASOS® resembles a garage entrance.

User-friendliness is a particular characteristic of PEGASOS®. In facilities with two stops it is possible to implement a fully automatic system. The user of the system has only to call by means of a small hand-held transmitter. Once the car is driven into the cabin, the automatic roller door closes and the journey to the next floor is automatically initiated. In the meantime, a traffic light system provides information about the availability of the system.

PEGASOS® at a glance:
- Garage-entrance optic
- Can be located close to surrounding property
- No machine room required
- No pit required
- Clear entry width 3 m (shaft width: 3.40 m)
- No shaft mounting parts
- Low electrical power rating
- Saves up to 5 m² compared to lifts in accordance with EN81
- Fully automated (for 2 stops)

### Specifications

<table>
<thead>
<tr>
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© Nobilior
GREATER COMFORT  
TRAFFICO® & CARRICO® CAR LIFTS

TRAFFICO® and CARRICO® lifts bring a car and its passengers safely and comfortably to the desired parking level. Furthermore, the elimination of complex access ramp allows this space to be planned for other purposes.

Whenever higher throughput is required, TRAFFICO® is a perfect solution. This car lift offers a high level of comfort, luxury operating elements and numerous options that can be individually customised.

The most convenient way to initiate operation is by remote control or smart card. The reader can be installed next to the lift entrance on a pedestal, for example. Light beams between the cabin and shaft doors prevent damage to the car when entering and leaving. Light barriers facilitate vehicle positioning, thereby speeding up access.

In systems with two stops, the comfort of the ride can be increased thanks to an automatic trip. Once the car has reached a predefined position in the lift, the journey starts immediately.

The CARRICO® car lift is a great alternative when lower lifting heights and less frequent use are required. As no ramp and machine room are required, it is suitable for narrow shafts. Therefore, CARRICO® saves construction space and facilitates planning process. Furthermore, it is delivered with automatic sliding doors and cabin equipment designed for the transport of vehicles and passengers.

© Nicole Zimmermann | CarLoft GmbH Berlin*

* patented by CarLoft GmbH Berlin
MODERN PARKING CONCEPTS
FULLY AUTOMATED
CAR PARK SYSTEMS
5BY2 AND CUBILE®

Our individually planned parking systems are space-saving, efficient and user-friendly solutions for new and existing buildings. Depending on the structural requirements and the wishes of the architect and developer, these systems can provide additional spaces on the smallest footprint.

Utilising two different technologies – 5BY2® and CUBILE® – we offer you a perfect combination of speed and availability with a space-saving of up to 60% and more.

5BY2 is a parking system, which has been successfully deployed worldwide since 1992 and is especially suitable for residential and office buildings. Thanks to a pallet-based technology, also referred to as puzzle-system, it ensures very high space utilisation and can be easily retrofitted in existing buildings.

Puzzle-systems are the most space-efficient type of automated parking systems. Requiring an average of approximately 15m², or approx. 160 ft² per car, it offers up to 60+ % improvement over conventional car parking.

CUBILE® offers robot-based parking technology for large office or public buildings with a parking capacity of more than 50 cars. The highest possible throughput and particularly high availability are the key advantages of this parking system. Due to the use of robots, hoists and transfer vehicles these systems are very fast and efficient.

In the largest public, fully automated parking system in Europe, our CUBILE® system has parked more than a million cars since 2015 and achieved an average retrieval time of 106 seconds. The availability achieved by the system during this time was higher than 98%.

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Particularly space-efficient: 5BY2 parking system

Particularly fast: CUBILE® parking system

5BY2
- For office buildings and residential areas
- Easy retrofit in existing buildings
- Pallet-based technology
- Particularly efficient and flexible use of space
- E-charging possible

CUBILE®
- For large office and public buildings
- Optimised parking capacity in existing buildings
- Robot-based technology
- Maximised throughput
- High user-friendliness, utilisation of mobile app possible

*In North America (USA and Canada) the 5BY2 systems are sold by 5BY2 Canada Ltd. and 5BY2 USA Int.
PARKING AND CAR REMOVAL

1. User: car removal request
2. User: car handover
3. System: transport
4. System: parking

1. User: entry
2. User: car handover
3. System: transport
4. System: parking

CUBILE®
1,000 PARKING SPACES FOR DOKK 1

DOKK 1 – Reclaiming urban living space.
In 2015, Lödige Industries delivered the automated car park system for the new library and community center “DOKK1” in Aarhus (Denmark). The high number of public parking spaces was only possible due to the speed and efficient space-usage of the robot-based CUBILE® parking system.

Since the opening of the award winning building designed by Schmidt Hammer Lassen more than a million cars have been parked.

5BY2
AUTOMATED ABOVE GROUND ROBOTIC PARKING

565 Broome SoHo Tower – 30 storeys in the very heart of Manhattan.
Lödige Industries’ pallet-based parking system 5BY2 provides an innovative and space-saving solution for this prestige property. Over two upper floors, a total of 42 parking spaces will be provided.

Since the volume requirement of a conventional parking garage exceeded the available space, the architectural design by the Renzo Piano Building Workshop was only made possible by utilising the efficiency of the 5BY2 parking system.
LONG-TERM SYSTEM RELIABILITY
LÖDIGE SERVICE

Due to our many years’ experience and our local presence, we perfectly understand your technology needs. As part of our service, we offer individual maintenance for stand-alone machines as well as for complex automated systems. This ensures the reliable operation of your systems at the lowest possible cost. This includes the machines or systems of other manufacturers.

Maintenance
The modular design of our maintenance agreements provides you with long-term reliability at the lowest cost.

Spare parts and repairs
Our international service network guarantees rapid assistance should repairs be necessary.

Modernisation
When converting or modernising your systems, our service teams provide you numerous options for upgrading your systems to the latest technical standards.

Customer advice
We provide expert advice on the current condition of your systems and potential for improvement with regard to technology, throughput and operation.

24/7 remote-control service
In order to reduce the cost of the local service monitoring and to increase system availability, Lödige Industries offers 24/7 remote monitoring for automatic parking systems. Errors in the system can be detected quickly via remote diagnosis and in many cases corrected directly from the control center without having to resort to a local technician.

Over time, the requirements on a machine or system may change. We are happy to assist in extending your system or changing to new technologies. We have extensive experience in the extension and modernisation of machines or systems, even during ongoing operations.
Founded in 1948, Lödige Industries is headquartered in Warburg, Germany. Today we have more than a thousand employees in Europe, Asia, the Middle East and the United States. Since our inception, we focus on enabling our customers to move heavy goods efficiently, accurately and reliably.

As a global intralogistics solutions provider we have maintained the traditions and values of a family-owned company and take pride in the relationships of trust and mutual respect we have built with our customers, partners and employees. Supplying plant engineering for logistics, we aim to achieve maximum quality in all areas.

TECHNOLOGY AT THE HIGHEST LEVEL

For more than 50 years we have been offering a variety of parking solutions. Our customers benefit from our brought spectrum of product know-how. We are looking forward to finding the right solution for you!

CURRENT REFERENCES:

- MAGUS®: Bauko GmbH, Waltrop, Germany
- PEGASOS®: Apartment building, Königstein, Germany
- PEGASOS®: Luxor Bensheim, Hessen, Germany
- CARRICO®: private building, Cologne, Germany
- TRAFFICO®: CarLoft GmbH®, Berlin, Germany
- TRAFFICO®: Mönchhaldenneck, Zürich, Switzerland
- TRAFFICO®: Garage Zenith SA, Sion, Switzerland
- TRAFFICO®: Wildbachstrasse, Zürich, Switzerland
- Car Park System: private facility, Berlin, Germany
- Car Park System: Am Pferdemarkt, Duderstadt, Germany
- Car Park System CUBILE®: DOKK1, Aarhus, Denmark
- Car Park System CUBILE®: BLOX, Kopenhagen, Denmark
- Car Park System CUBILE®: SSR, München, Germany
- Car Park System 5BY2: Herengracht, Amsterdam, Netherlands
- Car Park System 5BY2: 152 Elizabeth St., New York, USA
- Car Park System 5BY2: 88 Wareham, Boston, USA
- Car Park System 5BY2: SoHo Tower, New York, USA