



In the news

In the field of goods lifts, IP LIFTEN in Montfoort is a European leader.

One of these lifts is transporting motorcycles.

Self-supporting structure

At the Motor Experience Center they have opted for a goods lifter produced by IP LIFTEN to transport the motorcycles to the different floors. For IP LIFTEN this goods lift is actually still a reasonably standard lift, the only difference being that the choice was made to use more glass than usual. A self-supporting and completely modular structure was constructed at the site. The client had only to provide a suitable hole in the floor and electrical connections.

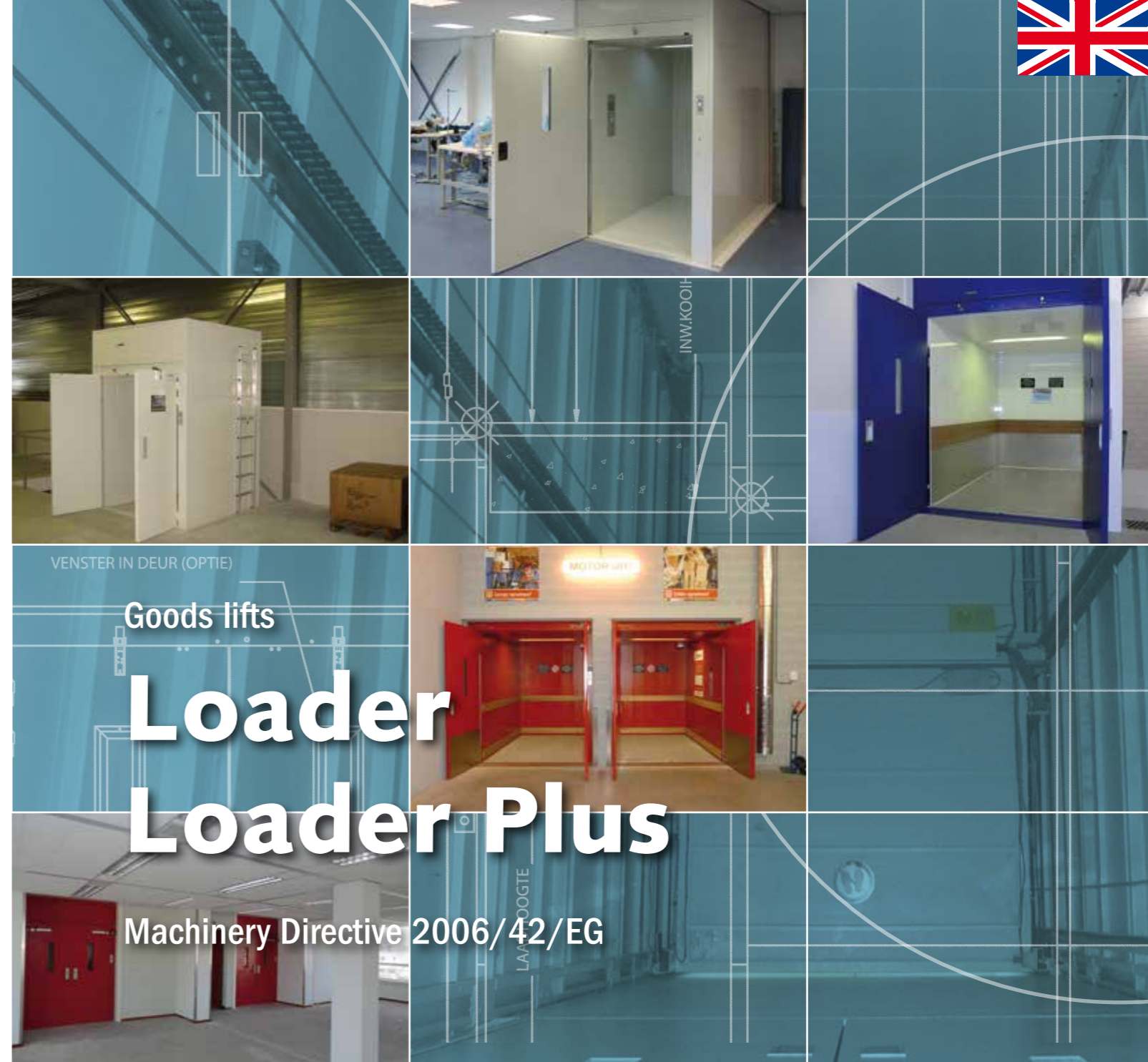
Sizes

IP LIFTEN determines the cage size and the desired lifting capacity on the basis of the surface area of the cage floor, the type of company and the goods to be transported. In the standard lift concept this varies from 500 to 2000 kg. The shaft space above the lift that is required for the drive unit and suspension is just 70 cm. The 'lift pit' for a lift with a 1000 kg lifting capacity is 7 cm 'deep'.

Naturally, the lift can also be placed "cold" on the ground, and then only an access ramp is required. The space required around the cabin is also limited. This makes it easy to install this goods lift (which does not require a construction of a extra shaft) in existing buildings.

Safety

The goods lift for Motor Experience Center (MEC) was installed in the version persons escort allowed and the inside was therefore fitted with a push button control panel with grip control, an alarm relay, lighting and windows in the shaft doors. In view of the fact that the lift does not have cage doors, the front and rear of the cage are fitted with LED sensor frames. As persons must also be transported with the lift, the installation is fitted with a frequency controller that ensures that the lift always ascends, descends and brakes smoothly.



The specialist in goods lifts

We supply to companies including:

Catering Companies

Retail

Industry

Self-Storage

Logistic Centre

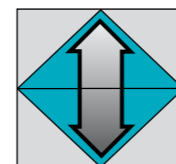
IP Liften, Mosterdmolenweg 2D, NL-3417 XM Montfoort, The Netherlands

Telephone +31 (0)348 55 07 40, Fax +31 (0)348 40 73 92

E-mail: info@ipliften.nl, www.ipliften.nl

The specialist in goods lifts

- No pit required
- Self-supporting structure
- Persons escort allowed



www.ipliften.nl

IP Liften

Loader Goods lifts

Wide range of applications

The Loader was specially developed for the transportation of goods. The override push button control makes it simple to transport both parcels and pallets. The Loader is custom-built and therefore available in many sizes. Standard lifting capacity from 500 kg to 2000 kg. Larger lifting capacities are available on request. The dimensions of the cabin are related to the lifting capacity and are produced in accordance with the customer's requirements.

Self-supporting steel structure

The Loader is supplied complete with a self-supporting structure. This makes structural walls unnecessary and minimises the build-in dimensions and the architectural costs.

Finishing

The powder coated doors and the shaft are available in a wide range of RAL colours. The doors can be fitted with 60 minutes of fire resistance in accordance with the German standard DIN 18090. Moreover, the goods lifts and its components are also available in stainless steel especially for the food sector or damp environments.



Loader Plus Goods lifts with persons escort

The loader can be fitted as desired, in such a way that the lift is also suitable for persons escort. The Loader Plus has a stainless steel control panel in the cage with grip control. The push button next to the entrance still operates as an override control. The Loader Plus is always fitted with an alarm relay in the cage, doors with windows and a frequency regulating drive unit.

Drive unit

The electrical drive unit is located at the top of the shaft. A separate machine room is therefore unnecessary. Control is by means of a microprocessor contained in a sealed box. The robust suspension with a central axle and 2 chains means that the Loaders do not have any stop differences. This ensures problem-free loading and unloading of goods.

Sustainability

The use of high quality components means that the Loader has a long life and that the Loader is extremely reliable and low-maintenance. The Loader is energy-efficient due to an integrated vector controller and LED lights with time switches.



Safety

The IP LIFTEN Loader and Loader Plus are certified by The Lift Institute in accordance with Machine Directive 2006/42/EG.



Technical specifications

IP Goods lifts for vertical transport of pallets and parcels.

- Application areas in new construction, existing buildings and renovation
- Dimensions produced to order. Lift pit not required
- Modular construction, steel self-supporting shaft
- Powder coating finish
- Shaft door, single or double revolving door
- Fire resistant doors DIN 18090
- Frequency regulation control
- Electric drive unit 400 VAC (3-phase); 50 Hz, motor at the top of the shaft
- Fall protection catch installation with speed limiter
- Lighting LED
- Push button operation, override control, Grip control in cage with passenger transport
- Overload electronic indication
- Connection value capacity 3.0kW / 4.0kW / 5.5kW/7.5kW
- Fuses 16A / 25A
- Manufacturer IP LIFTEN, The Netherlands

Options

Personal supervision, impact strips, sensor frames, access ramp, fire alarm switch, stainless steel components/version, aluminium studded plates cage floor, various RAL colours, door openers/ closers, fire resistant doors DIN 18090.

Application

Transport of goods in utility buildings and industry, both new construction and renovation. Including storage rooms, offices, workshops, warehouses, shops, restaurants, distribution centres, hospitals, apartment complexes, factories. Rapid installation, easy to fit into existing buildings, standards in accordance with the Machinery Directive 2006/42/EG, lift institute inspection, Installation teams VCA certified.

Shape, dimensions and weight

Lifting capacity	Cage width (min.)	Cage width (max.)	Cage depth (min.)	Cage depth (max.)	Floor area (max.)
kg	mm	mm	mm	mm	m ²
500	850	2500	900	2900	2.5
1.000	1000	2500	1200	2950	5
1.500	1000	2500	1400	2950	7.4
2.000	1000	2500	1400	2950	7.4

Pit depths varying from 70 to 200 mm, depending on the cage size, lifting capacity and application.

Capacity

Lifting capacity	Lifting speed	Lifting height	Power consumption
kg	m/s	m	kW
500	0.15/ 0.22	12	1.5/3
1.000	0.15/ 0.22	12	2.2/5.5
1.500	0.15/ 0.22	12	4/5.5
2.000	0.15/ 0.22	12	5.5/7.5

Floor recess and pit recess

Lifting capacity	Cage width	Cage depth
kg	mm	mm
500	+450	+200
1.000	+450	+200
1.500	+450	+200
2.000	+480	+200

Calculation example:

Cage dimensions (w x d x h): 1600 mm x 2500 mm x 2100 mm

Lifting capacity: 1500 kg

Floor/pit recess: Width = 1600 mm + 450 mm = 2050 mm

Depth = 2500 mm + 200 mm = 2700 mm, Pit = 70 mm

Required space at the top stop (shaft top)

2100 mm + 700 mm = 2800 mm