



ELMAS®
MATERIAL HANDLING



Benefits at a glance

The ELMAS platform car lift with driver on board offers an innovative and efficient solution to a particular issue in real estate: vehicle transportation between floors in a building with underground parking.

Main benefits:

- Greater convenience and safety
- Space optimisation
- Energy efficiency
- Flexibility
- Reduce pollutant emissions
- Low maintenance.

By optimising space, increasing safety, and reducing the environmental impact, these platforms represent a long-term investment with numerous benefits.

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PLATFORM CAR LIFT WITH DRIVER ON BOARD



The platform car lift with driver on board is a solution developed by ELMAS to address the needs of vertical vehicle transportation inside buildings with underground parking.

This equipment intended exclusively for the transport of vehicles with the driver on board is equipped with hydraulic power and moves the vehicle between two floors.

Designed in accordance with the Machinery Directive 2006/42/EC, the ELMAS platform car lift with driver on board is CE marked and has a lifetime of 25 years.

Optimized Design

Access on the hydraulic platform car lift is made by opening the roller shutter landing doors.

The side walls of the platform are made from sheet panels (painted in RAL colours), while the floor is made of corrugated sheet metal. The two operating panels are centrally located on the 2 side walls of the platform, ensuring flexibility in operation. These are provided with illuminated stainless steel buttons, display, and SED remote monitoring system.

Efficiency and Operational Safety

Using the landing operating panel, the user calls the platform car lift to the desired floor. The signal lights located next to the access door (roller shutter) inform the user of the availability of the car lift.



The safety light barriers ensure protection when entering and exiting the car lift.

The car lift is equipped with photocells and signal lights to ensure the correct positioning of the vehicle inside the platform. The symbols displayed on the signal lights help the user to properly position the vehicle on the platform, before moving to the selected stop.

While the car lift travels to the selected stop, the driver (user) must hold down the button on the operating panel until the car lift reaches the desired floor.

Upon activation of the fire alarm control panel, the car lift automatically parks at the main stop, with the door opened.

Technical specifications

Drive type Hydraulic

Max. load 3.000 kg *

Platform travel 3050 mm

Travel speed 0.15 m/s

No. of stops 2

Entrances 1

Dimensions 3900 x 6000 x 2000 mm*

Landing doors roller shutter

Operating environment Normal

Operating temperature +5 / +40 °C

* Other configurations and sizes are available on demand. Please contact ELMAS for more information!



Purpose

The platform car lifts with driver on board are a flexible and efficient solution for a wide range of buildings, enhancing not only the functionality, but also the comfort of users.

- Office buildings
- Residential buildings
- Hospitals and clinics
- Hotels