

## DESCRIPTION

Electrically controlled car lift platform with hydraulic movement for shifting cars between defined levels, in pantograph form without person onboard and without columns on the platform, comprising:

- Load bearing platform consisting of a grillwork of perimeter, transversal and longitudinal profiles covered with a platform in striated sheet metal, with the main feature of having no columns and therefore being without projections when on the level. This platform is linked to a system consisting of one or more pantographs which, by means of two oblique plunger cylinders, implement the movements of ascent and descent. The plunger cylinders facilitate no-load descent. Each pantograph consists of two “pincers” in tubular metal of variable section.

- Hydraulic control unit for moving, by means of hydraulic fluid, the cylinders for the ascent and descent of the lift; the systems for activating the fluid are electromechanical and wholly managed by the electrical plant. Power is delivered by a three-phase asynchronous 4-pole electric motor, 400 V / 50 Hz.

Reliability of the hydraulic system is guaranteed by a series of valves, and in particular by the flow control valves at the base of the jacks, a maximum pressure valve on the hydraulic system distributor within the fluid tank and a normally closed electro-valve outgoing from the tank.

- Electrical system equipped with programmable controller (PLC) by means of software which satisfies the lift’s functioning and safety requirements.

The electrical system is equipped with one or more keypads with removable key, emergency stop button and ascent/descent buttons. It is also equipped with consent for opening doors or gates, consent for movement of the lift only with doors closed and the possibility of automatic return to the upper level.

- Payload: 3000 Kg
- Depth of shaft: depends on working stroke
- Size of standard shaft: 5360 x 2700 mm
- Working stroke: from 0 to 6000 mm
- Installed power of 3 or 4 or 5.6 kW, 400 Volt three phase depending on lifting working stroke and speed.

Lift painted with platform galvanised, or completely hot galvanised.

## PANTOGRAPH CAR LIFT

Model DUO BOX Mod. B/3 without person on board

### PHOTOS



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### PHOTOS



**ACCESSORIES**





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