

DESCRIPTION

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

- Lift system formed by a steel load bearing frame set at the bottom of the shaft which includes the lifting system consisting of 1 pantograph, 2 or 4 cylinders in vertical thrust and 1 cylinder in horizontal;
- Load bearing platform complete with 2 or 4 lateral columns positioned at the corners of the platform itself to cover the two or four vertical cylinders;
- 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:

- 1 or 2 keypads on the platform with:
 1. Key selector for enablement of motorcycles with person present.
 2. Control buttons for the functions "Ascent and Descent"
 3. "Emergency Stop" button
 4. "Emergency Call" button
 5. Button for door Opening and Closing with ascent and descent keys
- One or more buttons or one or more key selectors for calling or sending the lift to the levels, or in some cases one or more keypads with removable key, with emergency stop button and ascent/descent buttons.
- Double consent for opening doors or gates, consent for movement of the lift only with doors closed and the possibility of automatic return to the highest level.

PHOTOS



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ACCESSORIES



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