

Landing door and carry cabin

DESCRIPTION

- Under systems LANDING DOOR AND CARRIES CABIN make it possible to carry out the principal modernization and maintenance actions on elevators doors
- The System is delivered complete, with teaching handbooks and technical file
- Material of elevator
- Teaching concerned: Maintenance and Formations ascensorists

UTILITIES

- **Electricity:** 400 VAC - 50 Hz
- **Volume of installation** (L X L X H) = 1500 X 1500 X 1800 mm
- **Weight:** 150 kg



TEACHING APPLICATIONS

Adjustment of the alignment of the fixed and mobile parts

Adjustment of obstinate and the opening strokes + closing of doors (for versions doors with side opening)

Replacement of engines of operator or electromagnetic trowel (according to versions)

Replacement of rollers (version sliding doors)

Integration of a sensor of obstacle

Presentation of the basic structure (common to all poured):

- Principal Structure in profiled aluminium anodized on swivelling wheels braked.
- Landing doors and doors cabins assembled on secondary structures guided by rollers with balls and allowing their vertical relative transfer.
- the doors are connected by 2 cables. 2 pulleys at the head of principal structure make it possible to raise the landing door when the door cabin goes down and conversely so as to find itself in the configurations of adjustments corresponding to the real conditions of intervention and displacement of the elevator
- the 3 positions (carries cabin in top, doors cabin and landing on the same level and carries cabin in bottom) are indexed by a finger of indexing to return spring.
- the doors proposed are restricted with a half normal height to allow the intervention on the mechanisms height of work (1,5m approximately).
- The just electrical equipment box:
 - circuit breakers + differential
 - manufacture button of piloting of the system
 - power circuit for engine control of opening

3 versions of doors are available on the basis of this structure:

- ASC 310 Version Carry landing beating:



This system carries beating includes/understands in addition to the basic structure:

- a beating door
- a door cabin
- the system of locking of the door

The teaching activities of this unit are as follows:

- Analyzes of the subsystem
- Adjustment of the functional elements
- To carry out planned operations of a maintenance manual

- **ASC 310 Version Carry landing automatic to side opening:**

This system includes in addition to the basic structure:



- a landing door 2 casements
- a linear door cabin compact 800 x 1000 or 900 x 1000 side opening
- an operator of door cabin VVVF (800 x 1000 carries) or three-phase current of the type rod crank (carries 900 x 1000)

→ associated teaching activities:

- Analyze of the subsystem
- Adjustment of the functional elements
- To carry out planned operations of a manual of maintenance
- Identification of mechanical problems
- Replacement of defective rollers

- **ASC 310 Version Carries landing automatic to central opening:**

This system includes in addition to the basic structure:



- a landing door 2 ventails or 4 ventails
- a linear door cabin compact 800 x 1000
- an operator of door cabin VVVF (800 x 1000 carries)

→ associated teaching activities:

- Analyze of the subsystem
- Adjustment of the functional elements
- To carry out planned operations of a manual of maintenance
- Identification of mechanical problems
- Replacement of defective rollers

- **Material for teaching activities (according to versions):**

- sensor of obstacle of door (for integration)
- sensor of failing obstacle (for maintenance)
- driving of failing operator
- different material on request

- **kits construction (in option):**

- operator of door alone on frame with associated file solidworks
- electromagnetic lock on frame with beating door modelled with associated file solidworks

... for more information on these options, consult us!