

# CABIFIT®

Electric traction lift with the machinery contained in a cabinet at the side of the shaft

## Main features

Lifts designed in compliance with the CABIFIT model are characterized by the machinery (gearbox, control panel, panel with main and lighting switches) contained in a cabinet. A very wide range of solutions, with various loads, dimensions, and car finishes, landing and car doors type and dimensions, are available.



## Major points

The machinery occupies an area of less than 0.4 m<sup>2</sup> (width 950 mm, depth 400 mm), instead of about 4 m<sup>2</sup> for the traditional machine room.

The cabinet height is 2 metres, which is the minimum height for the area where maintenance operations are carried out. It can be located at any landing. The cabinet dimensions are always the same, regardless of the installation features (load, speed and number of stops).

Gearbox and control panel components are very close together. This makes assembling, maintenance and rescue procedures easy.

## Safety

The cabinet can be opened only by a specific key. When it is open, it clearly indicates the area necessary for maintenance operations and rescue operations.

Compared to models with the machine in the shaft, the machine maintenance operations do not require access to the inside of the shaft.

Comparing this model and those with the machine in the shaft headroom, there are several benefits for the

Type of drive

**Electric**

Rated load

**max. 1100 kg**

Travel

**max. 50 m**

Pit

**min. 1200 mm**

Headroom

**min. 3700 mm**

Number of floors served

**up to 24**

Rated speed

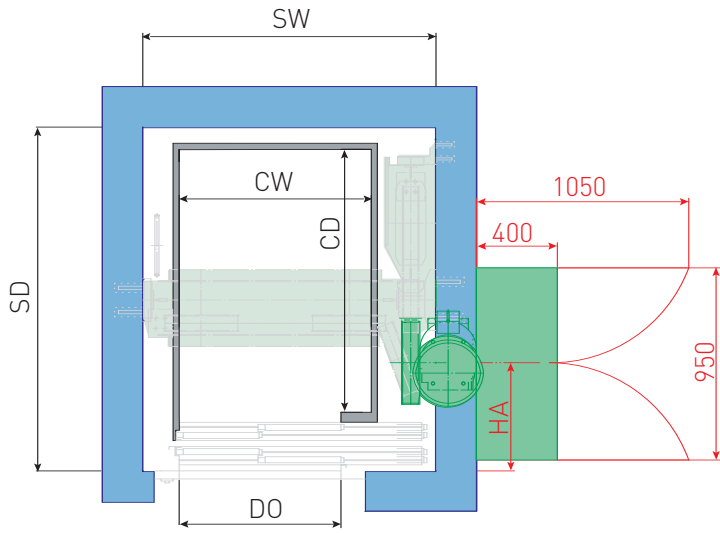
**max. 1 m/s**

Most of the lift load rests on the car and counterweight guides. Load bearing beams to fix onto the shaft walls are not required.

As for ELEKTROFIT models, owing to the frequency control system, which uses a high quality inverter, a high standard of ride comfort, reduced current consumption peaks and consequent energy and money saving, reduced mechanical stresses and reduced temperature of the gear motor are obtained.

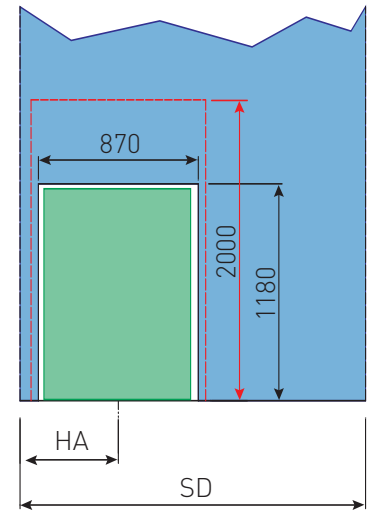
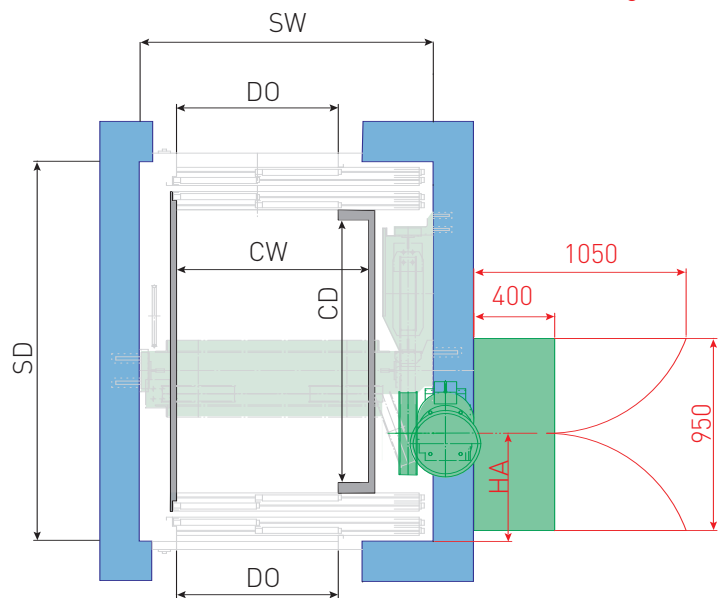
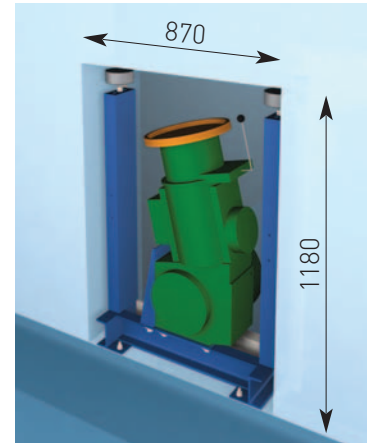
installer and maintenance operators: the assembly is easier because it is nearly the same procedure as a traditional lift with the machine room, the gearbox is fixed on the landing floor and rests on a frame, therefore its position is extremely stable and maintenance operations can be carried out from the floor.

The rescue operations can be carried out by any trained person and these are always possible in any fault situation.



- masonry shaft
- machinery

Cabinet height: 2000 mm



Dimensions of the equipment aperture in the shaft wall, where the gearbox frame is placed

Examples of cars, doors and shafts dimensions, in case of 2-panel telescopic doors

Rated load [kg]	Car dimensions		Door opening	Shaft dimensions			Aperture axis	
	CW	CD		DW	SW	SD(1 entrance)	SD(2 entrances)	HA*(1 entrance)
480	950	1300	800	1450	1700	<b>1880</b>	535	<b>535</b>
630	1100	1400	800	1600	1800	<b>1980</b>	585	<b>585</b>
630	1100	1400	900	1600	1800	<b>1980</b>	585	<b>585</b>
850	1400	1400	900	1900	1850	<b>1980</b>	500	<b>600</b>
900	1400	1500	900	1900	1900	<b>2080</b>	550	<b>600</b>
1000	1100	2100	900	1600	2500	<b>2680</b>	1000	<b>1000</b>
1000	1400	1600	900	1900	2000	<b>2180</b>	610	<b>610</b>
1000	1600	1400	900	2100	1850	<b>1980</b>	500	<b>600</b>

\* The position of the equipment aperture depends on the door position; ask IGV for the confirmation of these data.

Dimensions are in mm. Loads and car dimensions different from those shown here are available