

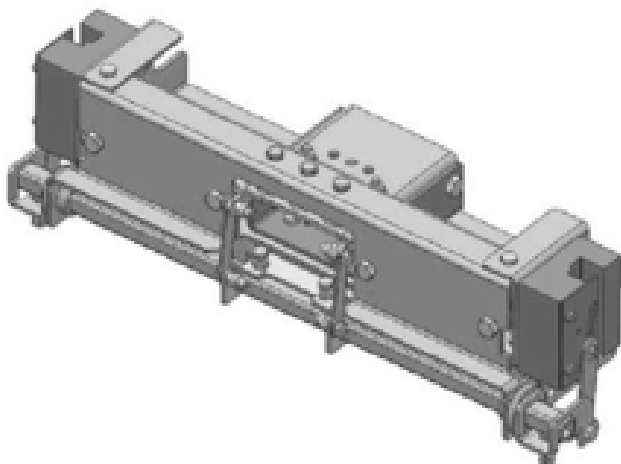
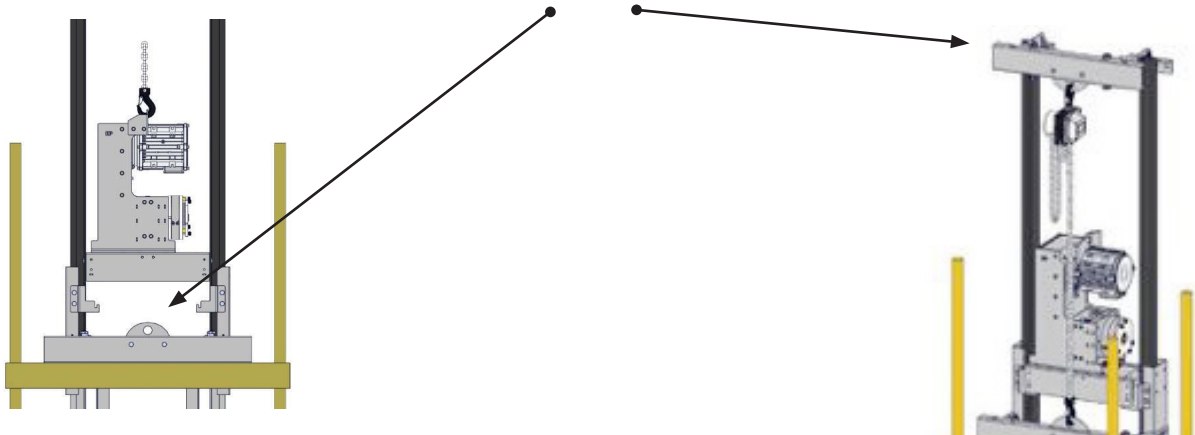
# ELFO-T

TECHNICAL FEATURES



Normative	Machine directive 2006/42/CE - EN8141
Certification body	Bureau Veritas
Power supply	230 V monophasé (+/- 5%) - 50/60 Hz
Starts per hour	30
Duty cycle	33%
Loads	300 - 400 - 450 Kg
Accesses	Single – opposite/side – Triple
Speed	0,15 m/s – (0,30 m/s no CE certification)
Travel (max)	25 mt
N° stops (max)	8
N° services (max)	8
Distance Between Floors (min)	0,4 mt
Shaft	Masonry or structure
Control panel	EP eprom motherboard, on top of the shaft, to be placed inside or outside the headroom (max 3.5 meters)
Emergency manoeuvre	In case of black-out, the cabin will rise or descend to the most convenient floor. Available UPS for bringing to defined floor as optional.
Guide bracket fixing pitch	Variable - Max 1500 mm for masonry shaft Variable - Max 1250 mm for structure
Traction	1:1 roped
Sling	Cantilever

Traction unit lifting kit (for shaft without lifting eye)



Safety gear for counterweight for installations on the slab.

Keypad to be connected at the homelift for the installation and maintenance operations.

The connector interface is available in order to use the one for the ELFO hydraulic

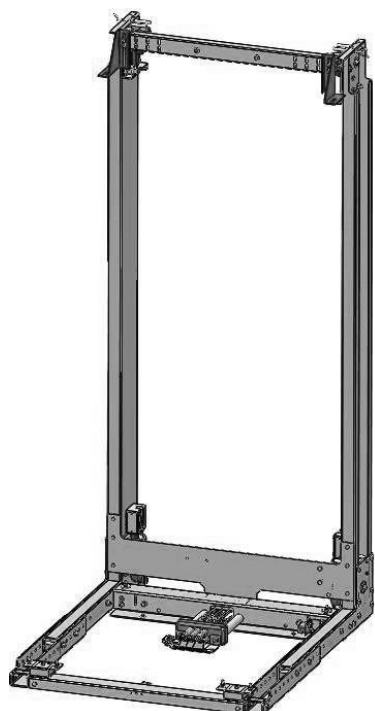
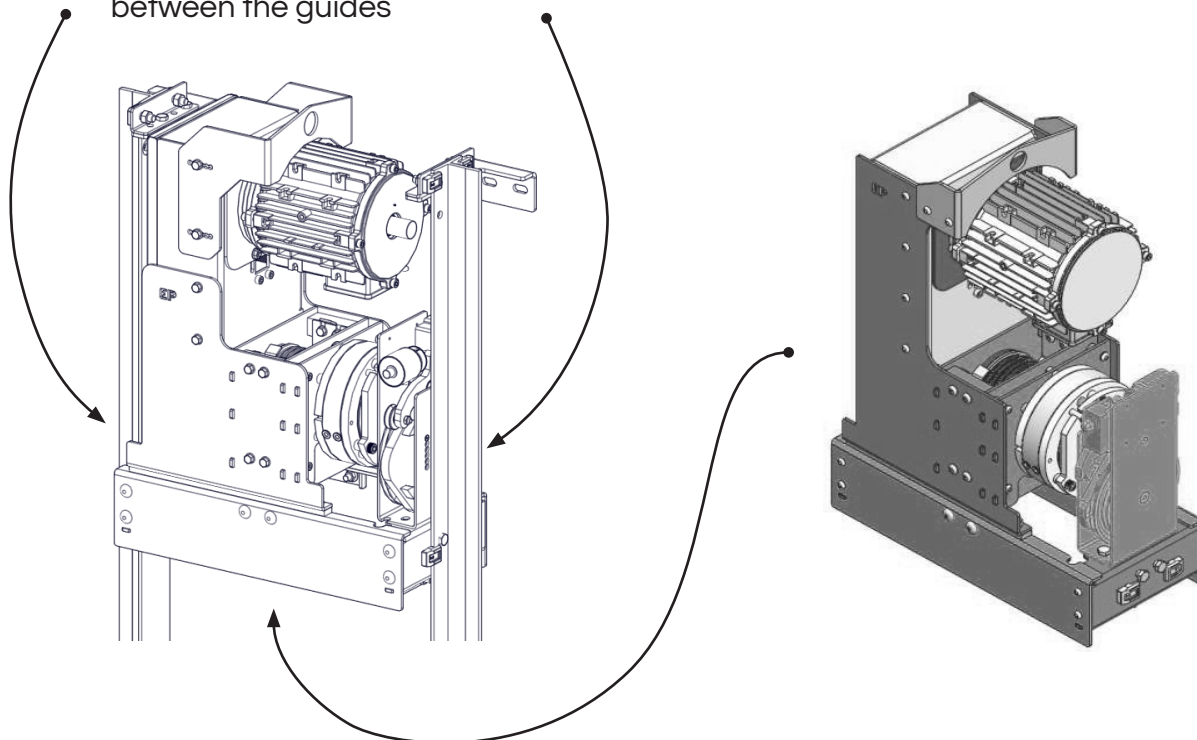


UPS for emergency floor arrival  
In case of black-out the cabin will arrive at most convenient floor (considering the situation of unbalancing) and open the door.

Dimensions 410P x 215H x 145L mm

## ELFO-T is roomless

The traction unit is installed  
between the guides

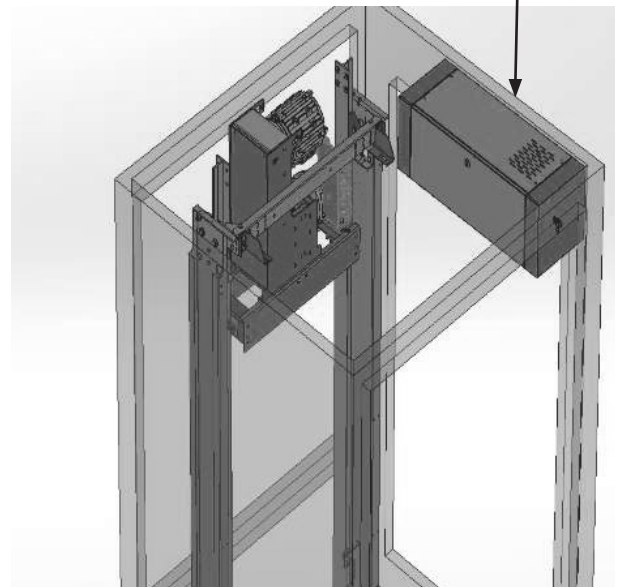
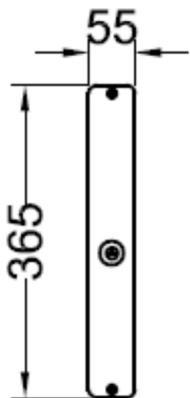
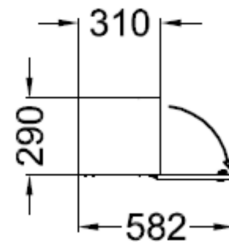
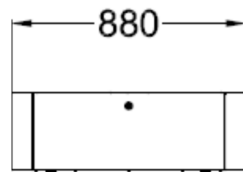
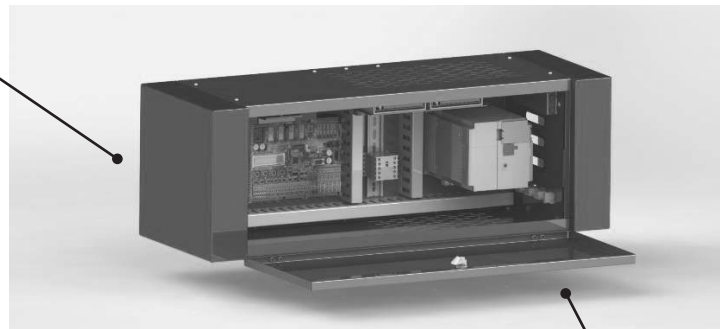
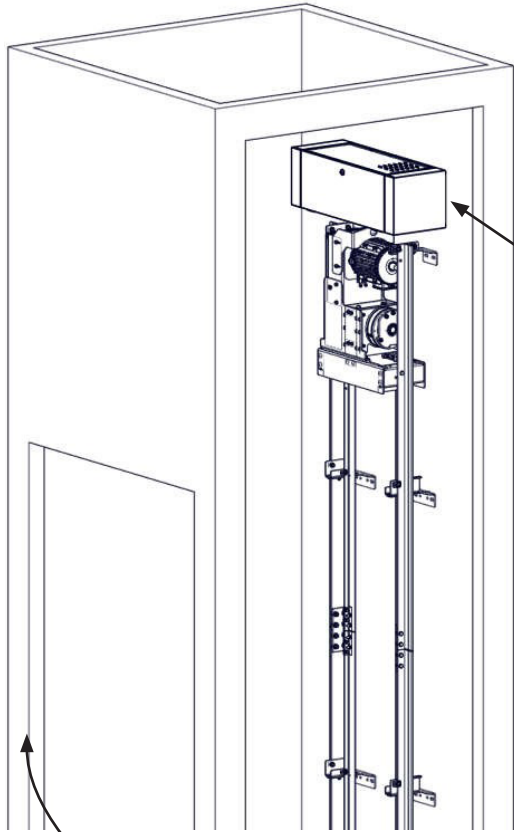


Cantilever sling with safety roping points  
inspectionable from the bottom of the cabin.  
Cabin wall removal is no longer required



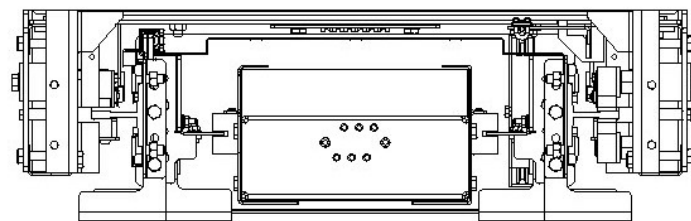
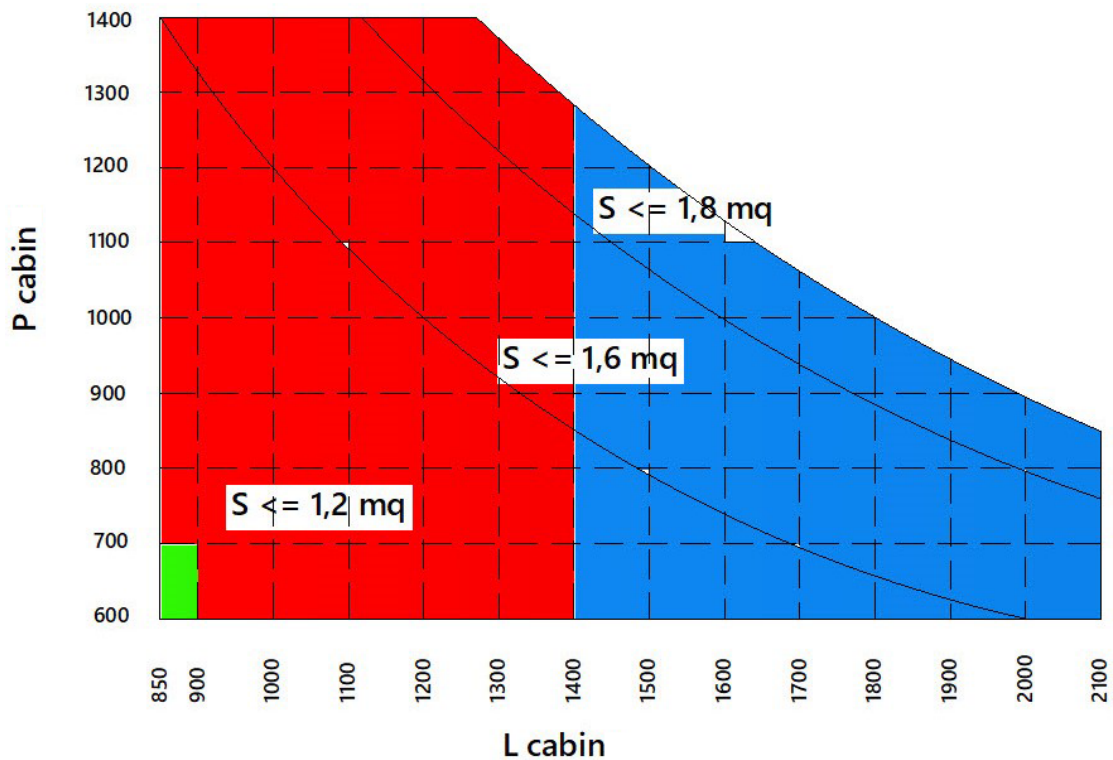
### Technical cabinet

The technical cabinet in skinplate F12PPS has been designed to be installed inside the shaft in the headroom or in case of shallow headroom it can be placed outside the shaft (not suitable for outdoor exposed environment)



Maintenance console in the door jamb at top floor or sink into the wall

ELFO-T is available in three rated loads  
300 - 400 - 450 kg (500Kg not available yet),  
depending on the cabin surface (250 kg/mq), as per below diagram.



- To be checked by feasibility
- Min. pit 150 mm
- Min. pit 190 mm

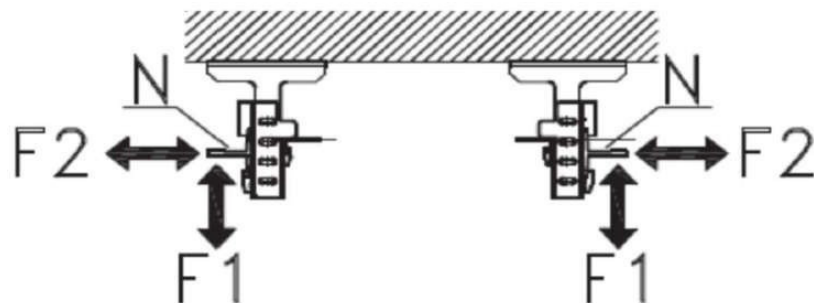
Cabin Area	Rated Load
< 1,2 m <sup>2</sup>	300 Kg.
< 1,6 m <sup>2</sup>	400 Kg.
< 1,8 m <sup>2</sup>	450 Kg.

Pit reactions and guide's brackets reaction

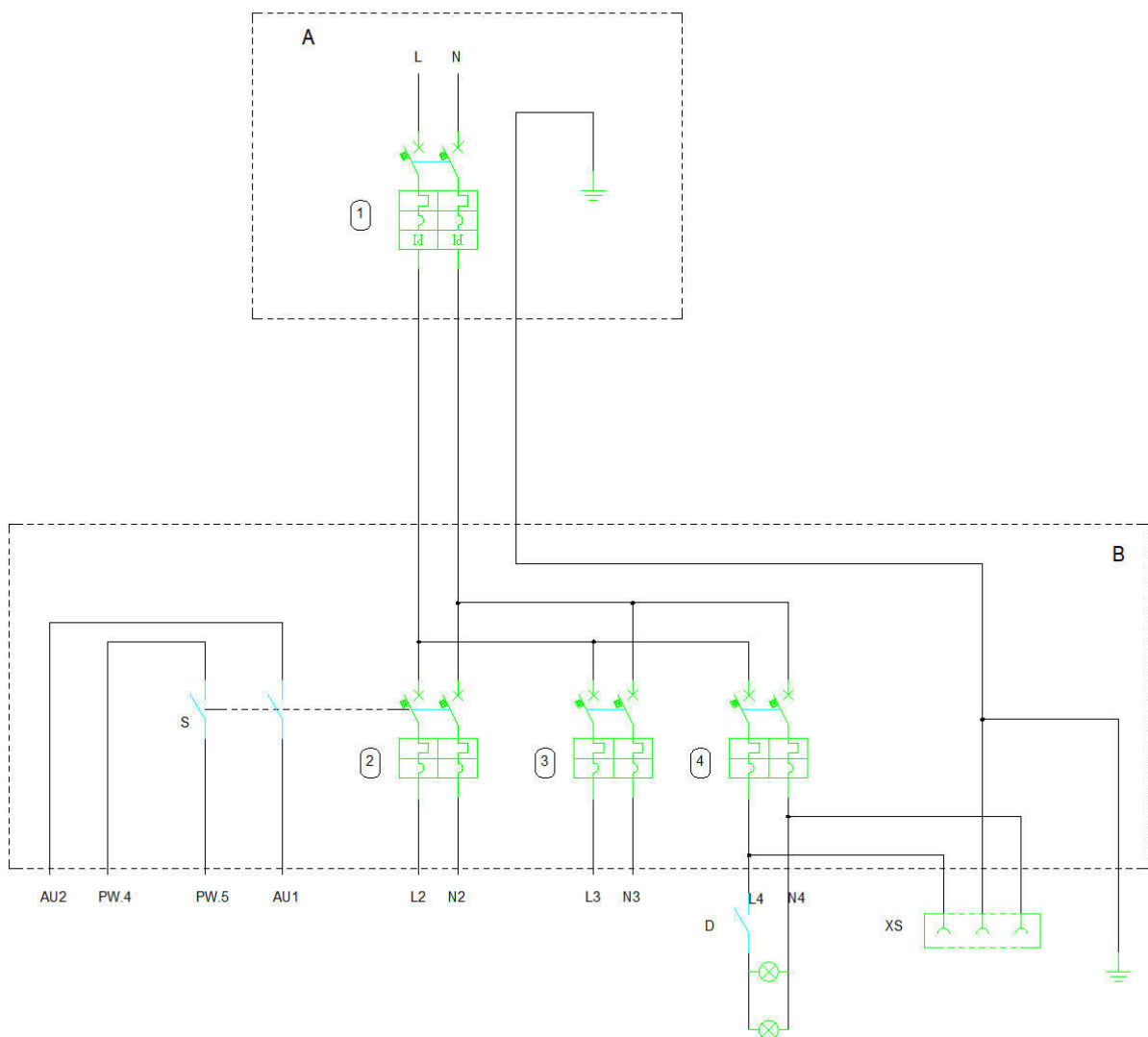


**ELFO-T**  
TECHNICAL FEATURES

Load	Reactions	
800x1200mm	Normal run	In case safety gear intervention
300 KG	N (N) 14900	N (N) 24410
	F1 (N) 1520	F1 (N) 3120
	F2 (N) 260	F2 (N) 430
1100x1400mm	Normal run	In case safety gear intervention
400 KG	N (N) 15780	N (N) 26380
	F1 (N) 2240	F1 (N) 4370
	F2 (N) 400	F2 (N) 670
1300x1300mm	Normal run	In case safety gear intervention
450 KG	N (N) 15630	N (N) 26380
	F1 (N) 2640	F1 (N) 5030
	F2 (N) 420	F2 (N) 700



Nominal electric power input	300 Kg	400 Kg	450 Kg
Nominal input absorption 0.15m/s (0.30m/s)	5,0 A (7.5)	5,5 A (9)	8, A (10)
Rated power 0.15m/s 5,0 A (7.5) (0.30m/s)	1.1 Kw (1.7)	1,2 Kw (2)	1,6 Kw (2.2)







A	Breaker
B	Power supply board
1	Differential-Magnetothermic switch monophas 2 x 25 A type B, idn 0.03- A**
2	Differential-Magnetothermic switch monophas power supply control panel 2 x 16 A
3	Differential-Magnetothermic switch monophas for potential power supply of the cabin (Lighting or door operator 2 X 16 A)
4	Differential-Magnetothermic switch monophas 2 x 10 A or potential shaft lighting and XS sockets**
XS	2P+T 10 A - 230V sockets in the shaft **
D	Shaft lighting switch (in case it is provided)
S	Breaker auxiliary contacts of the control panel (2) to break the batteries and UPS (if provided).
**	The size of the breaker has to be evaluated by the installer in function of any additional power absorption caused by eventual devices not provided by the supplier.



Pit depth:

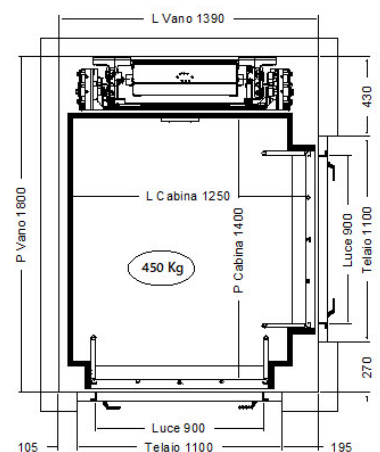
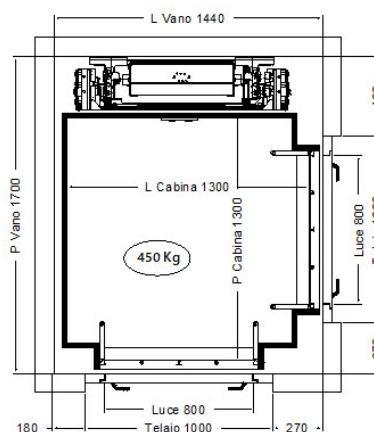
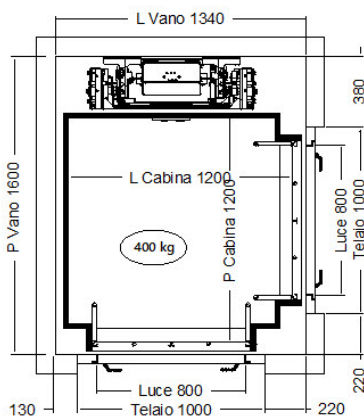
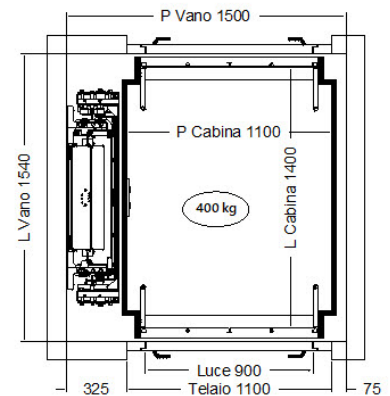
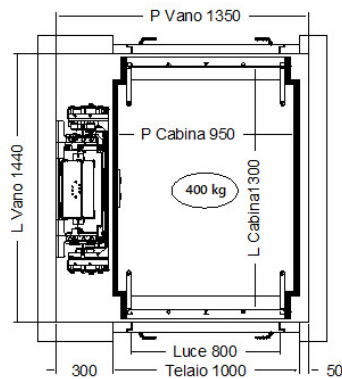
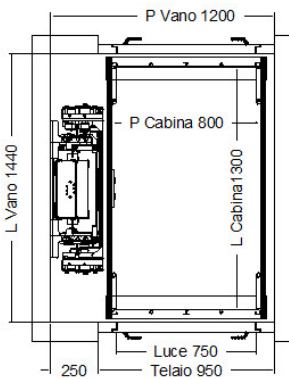
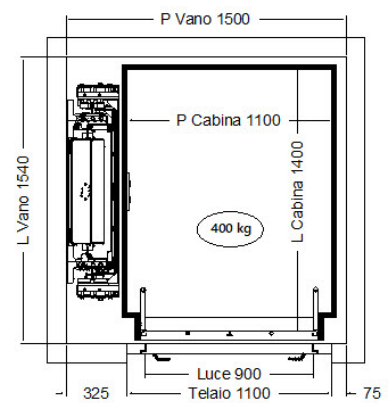
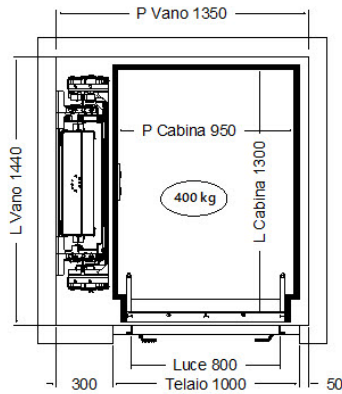
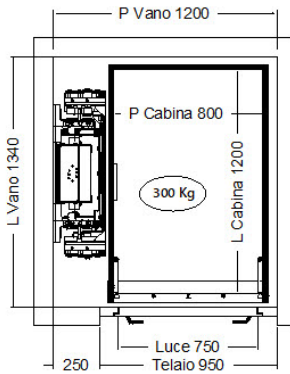
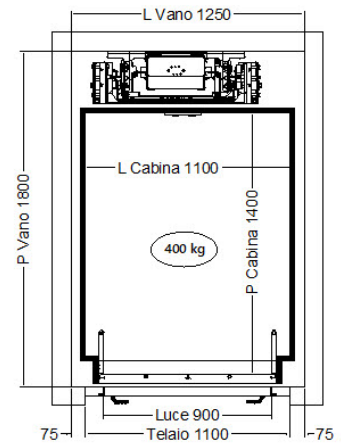
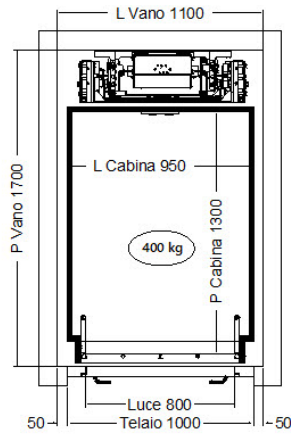
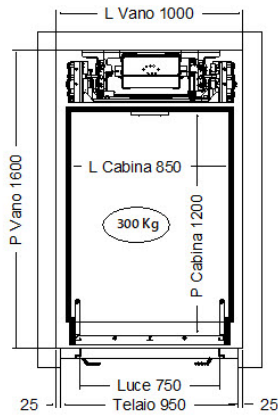
- in function of the cabin area/rated load
- add 20mm for flooring by the customer (max 20mm, max 50Kg)

Headroom: (for cabin height 2100mm)

Cabinet outside the shaft – swing door + IR barrier	2350 mm
Cabinet outside the shaft – swing door + bus door	2450 mm
Cabinet outside the shaft – sliding door	2550 mm
Cabinet inside – masonry	2650 mm
Cabinet inside – structure	2730 mm

Manoeuvre

L.O.P always	Automatic
C.O.P without cabin door (CE certification)	Hold to run
C.O.P without cabin door (no CE certification)	Automatic
C.O.P Cabin door	Automatic

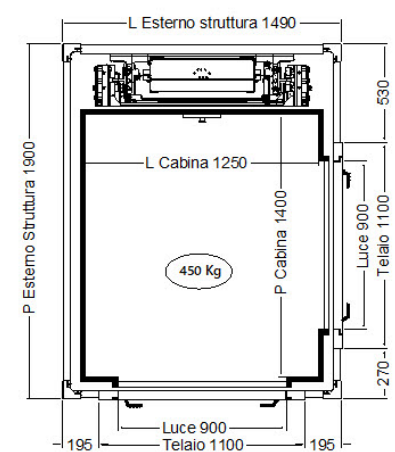
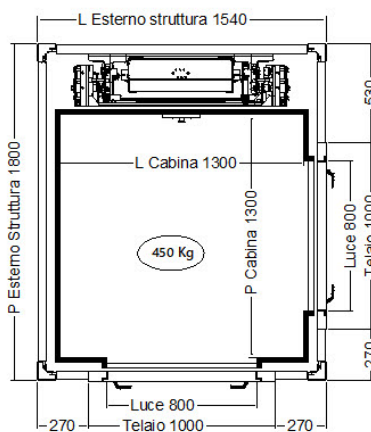
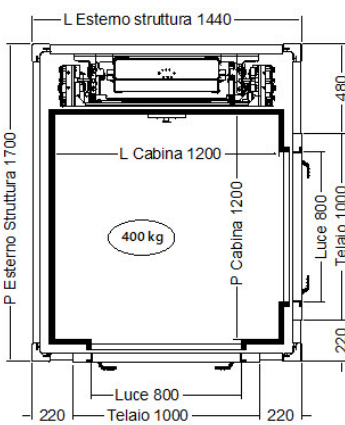
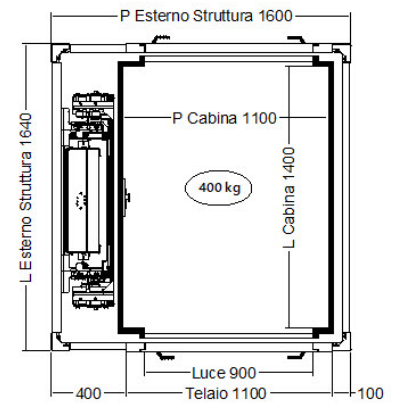
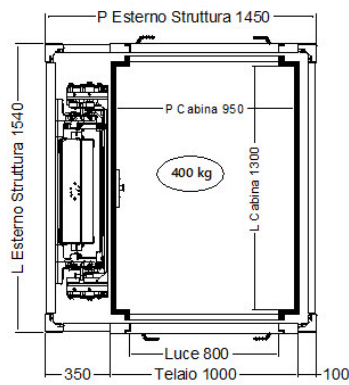
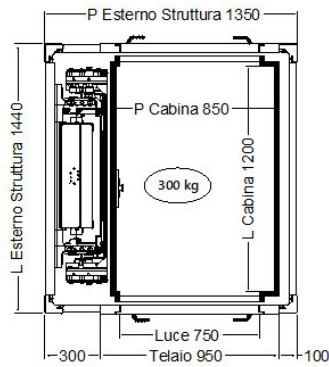
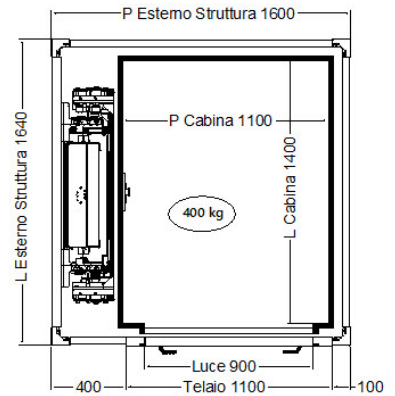
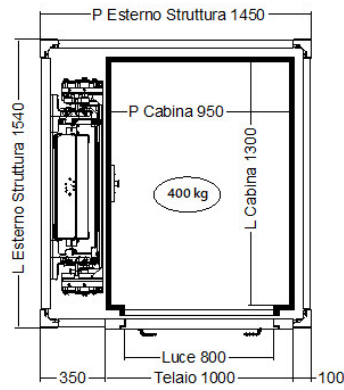
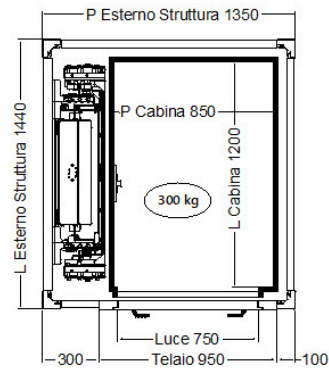
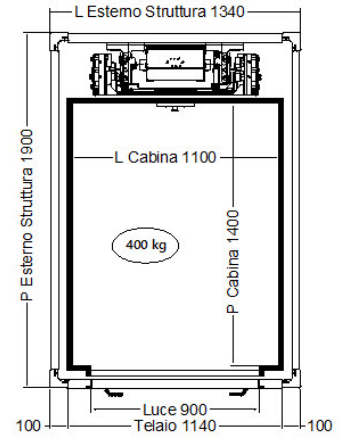
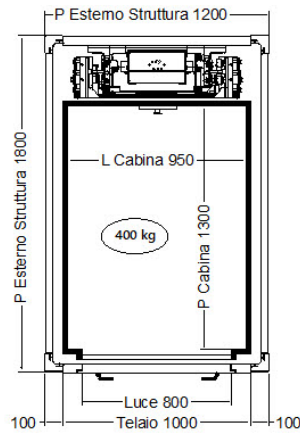
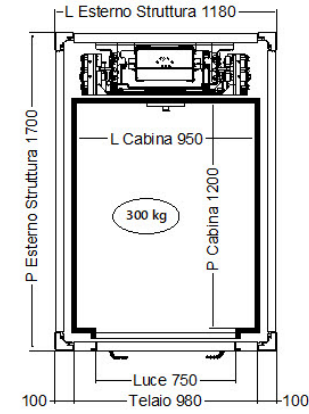


# Swing door – Structure



# ELFO-T

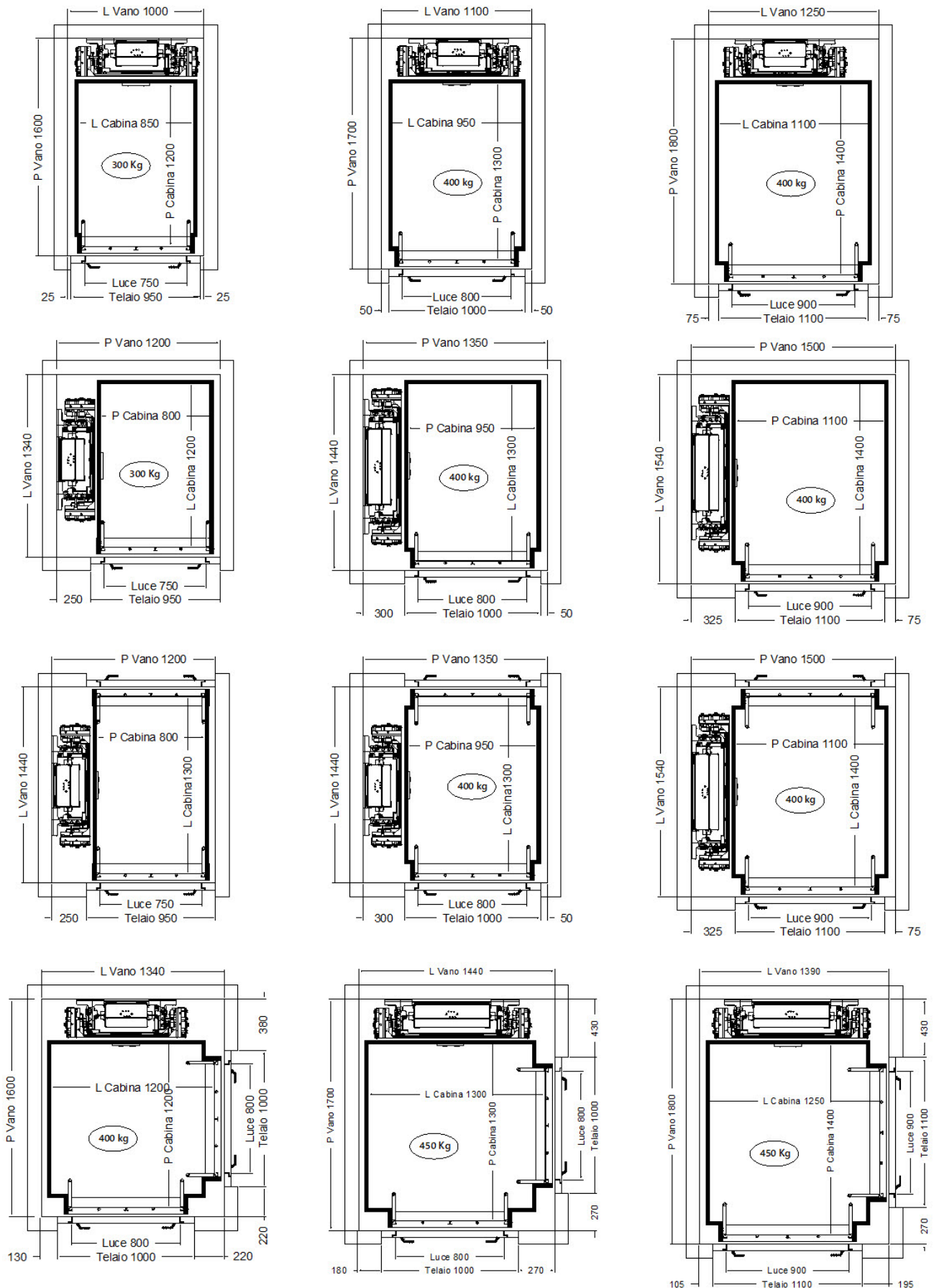
TECHNICAL FEATURES



# Swing door + bus door – Masonry



# ELFO-T TECHNICAL FEATURES

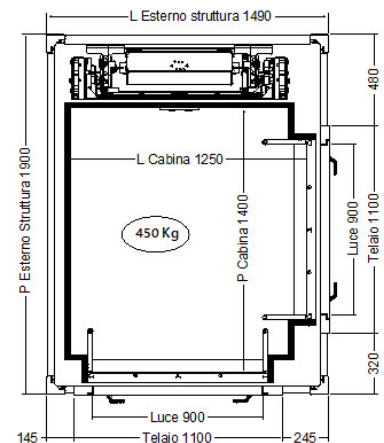
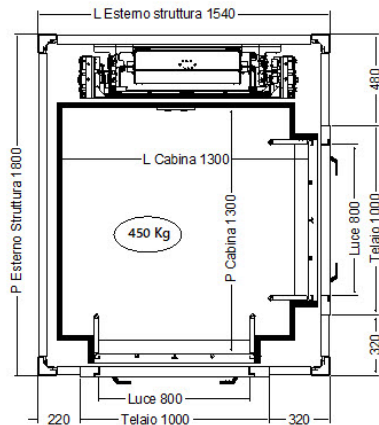
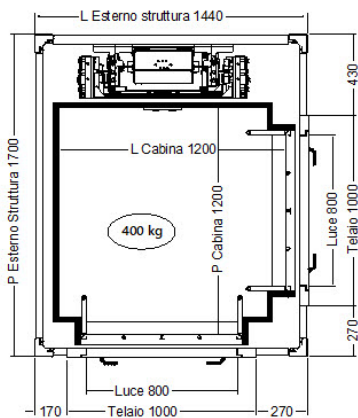
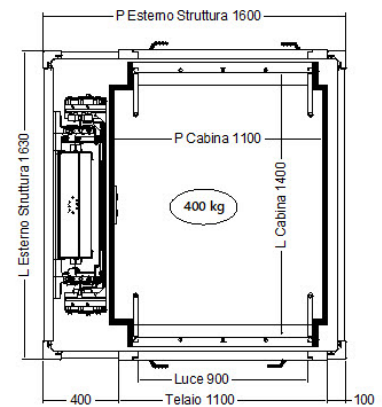
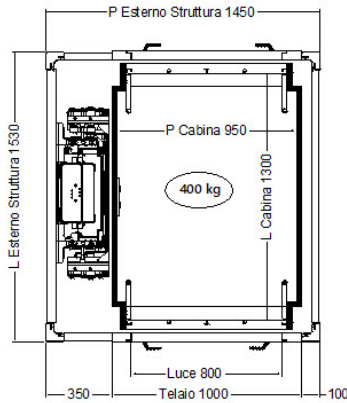
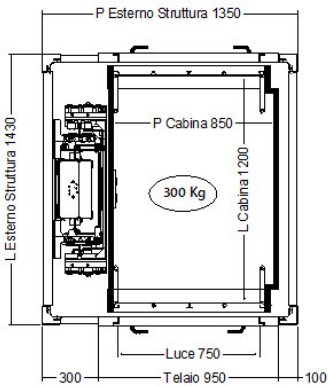
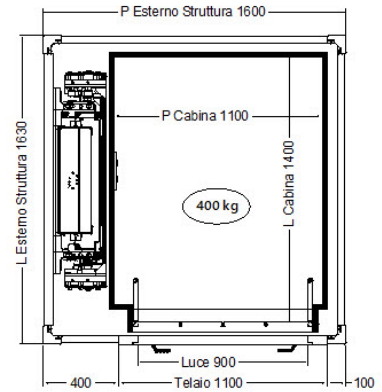
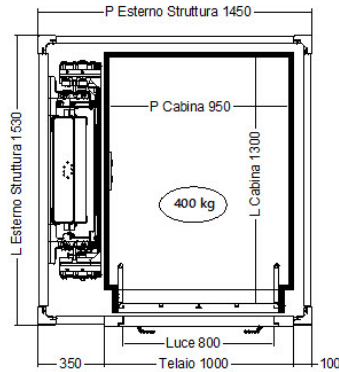
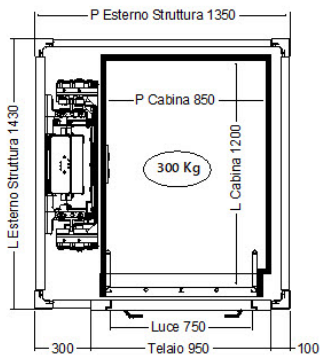
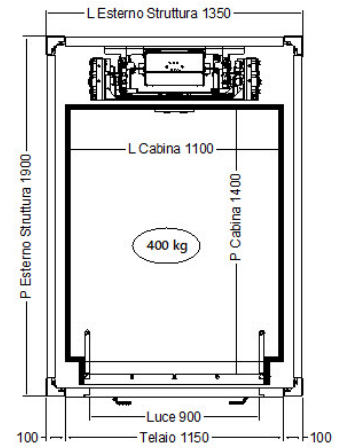
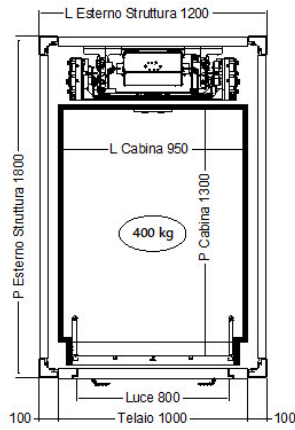
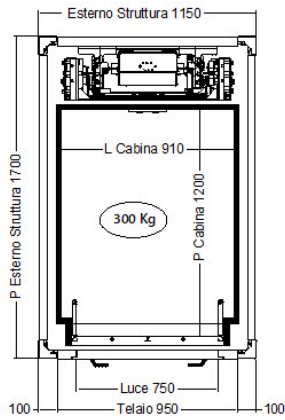




# Swing door + bus door – Structure



## ELFO-T TECHNICAL FEATURES

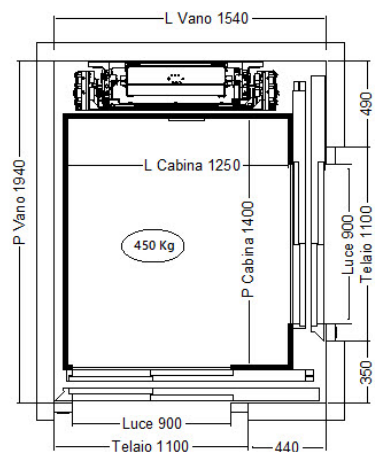
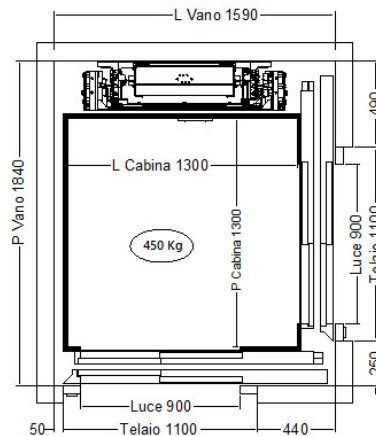
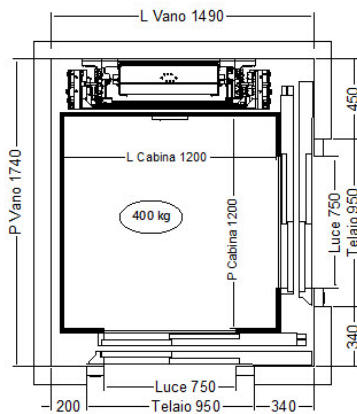
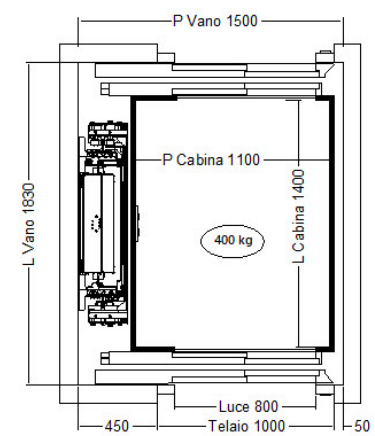
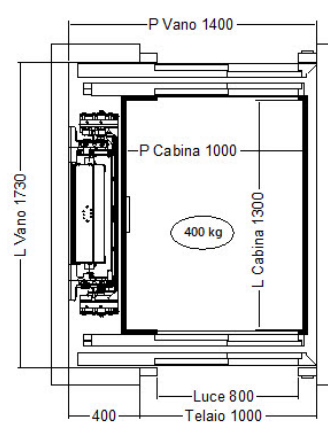
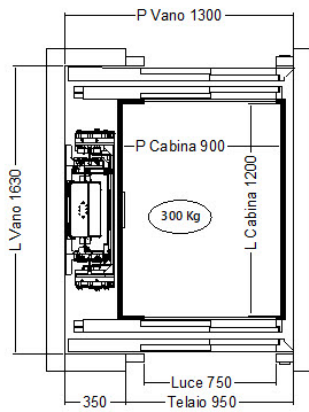
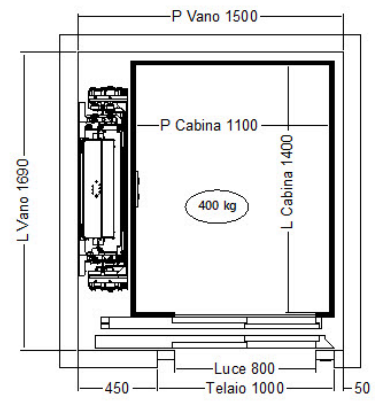
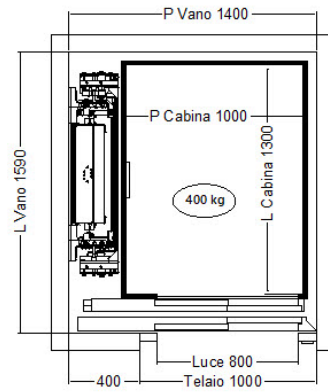
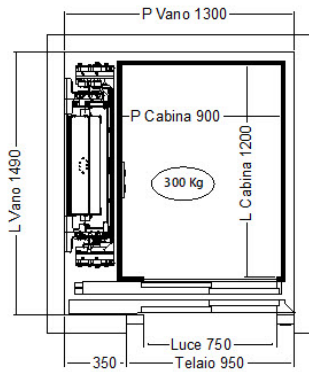
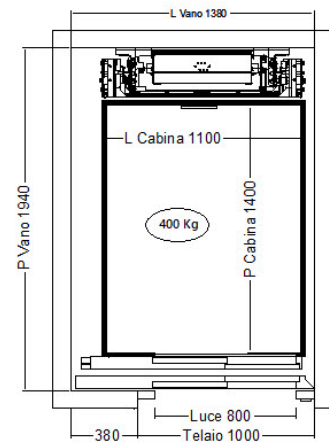
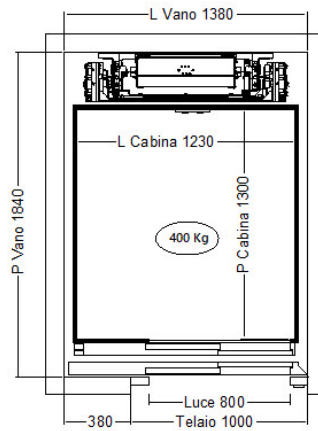
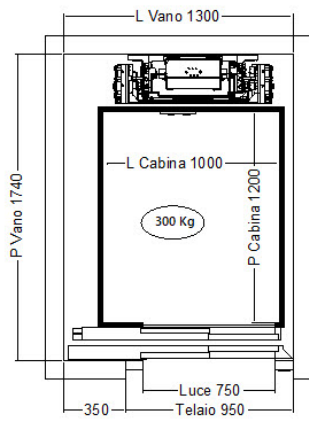


# Sliding door 2 panels - Masonry



# ELFO-T

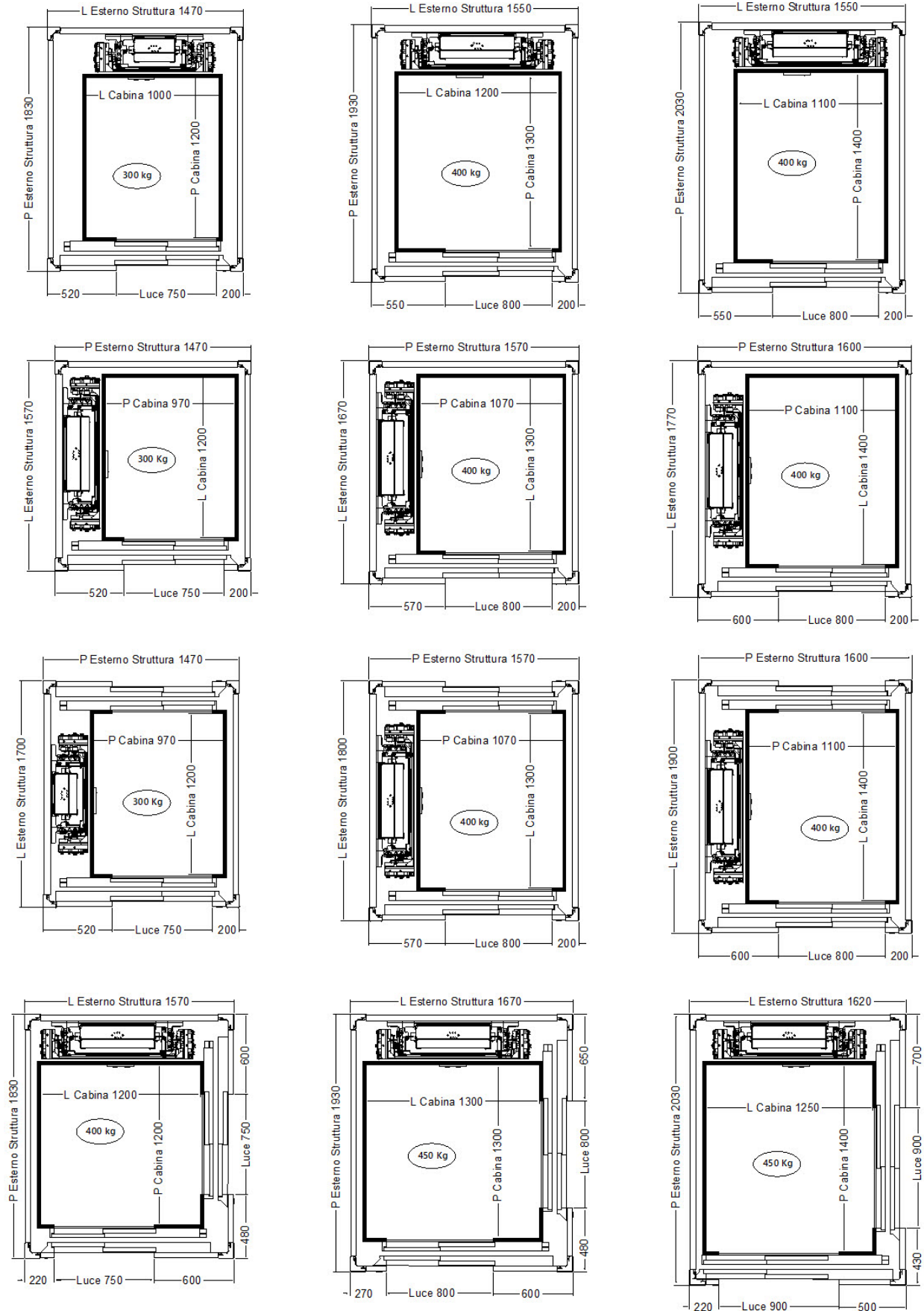
TECHNICAL FEATURES



# Sliding door 2 panels - Structure



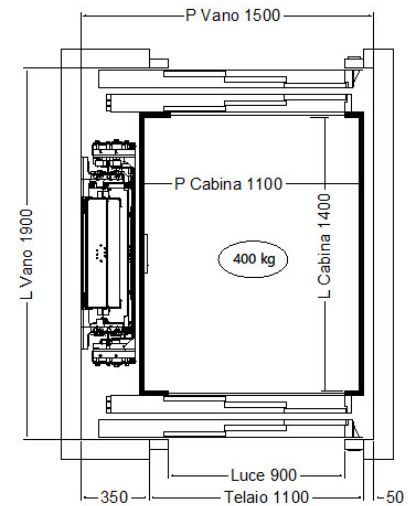
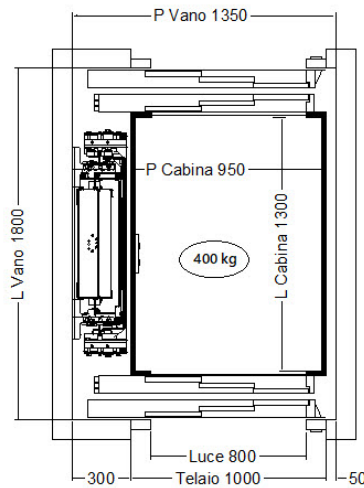
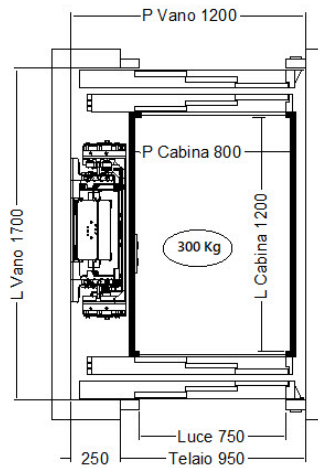
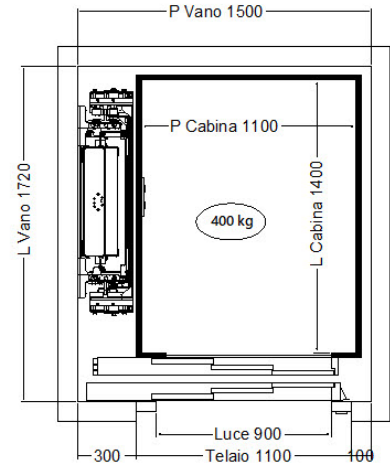
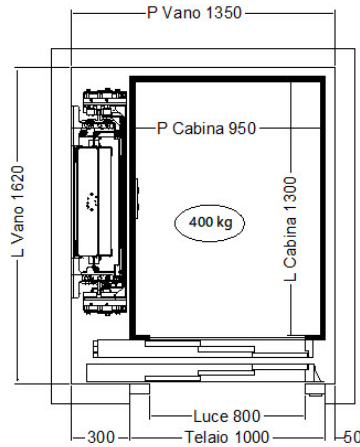
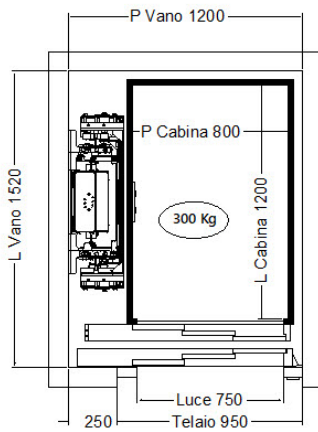
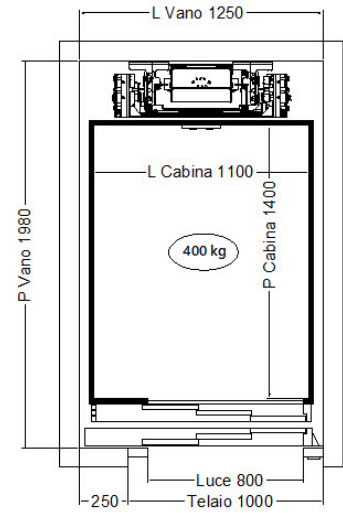
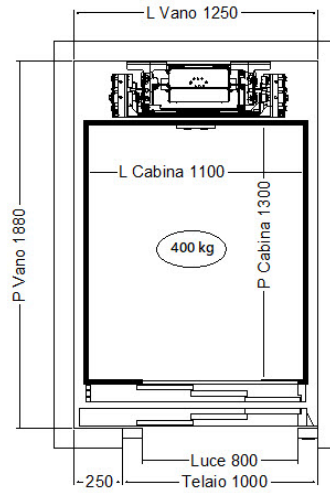
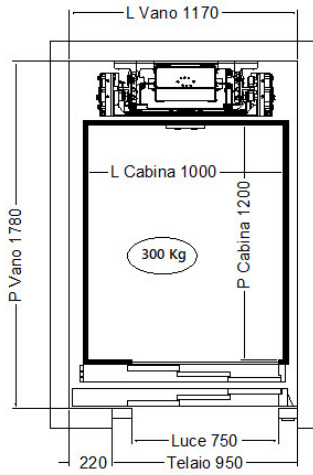
**ELFO-T**  
TECHNICAL FEATURES



# Sliding door 3 panels - Masonry



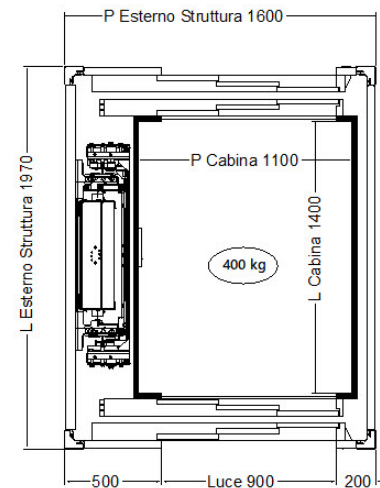
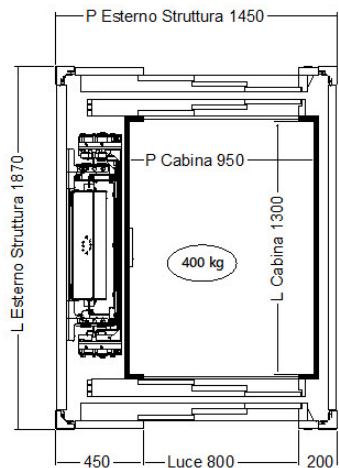
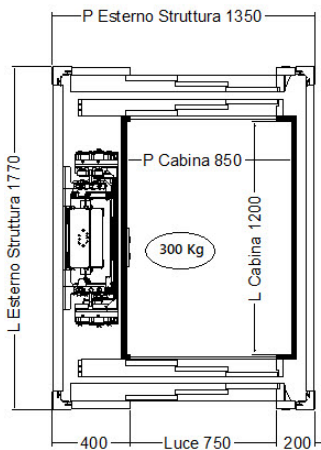
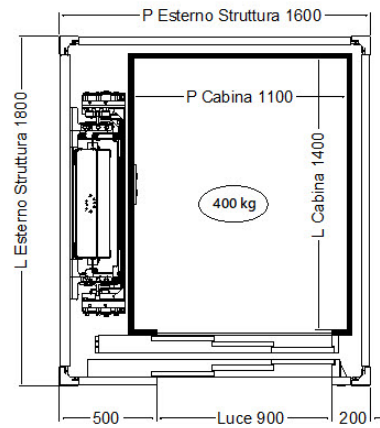
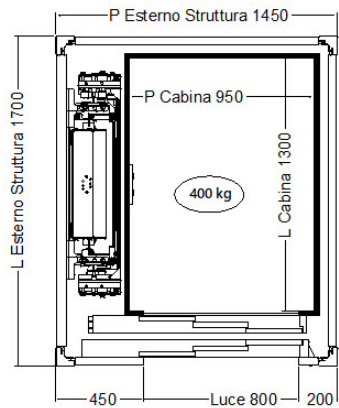
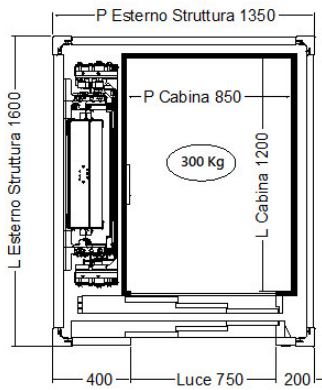
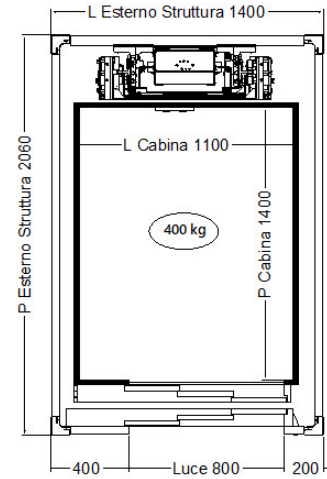
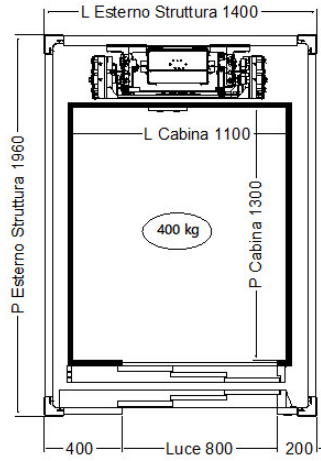
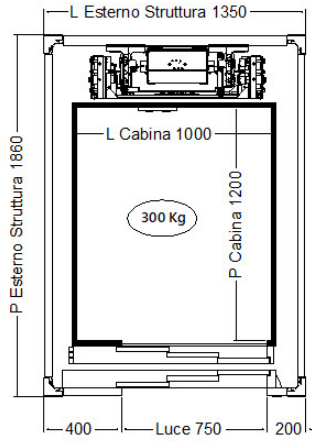
**ELFO-T**  
TECHNICAL FEATURES



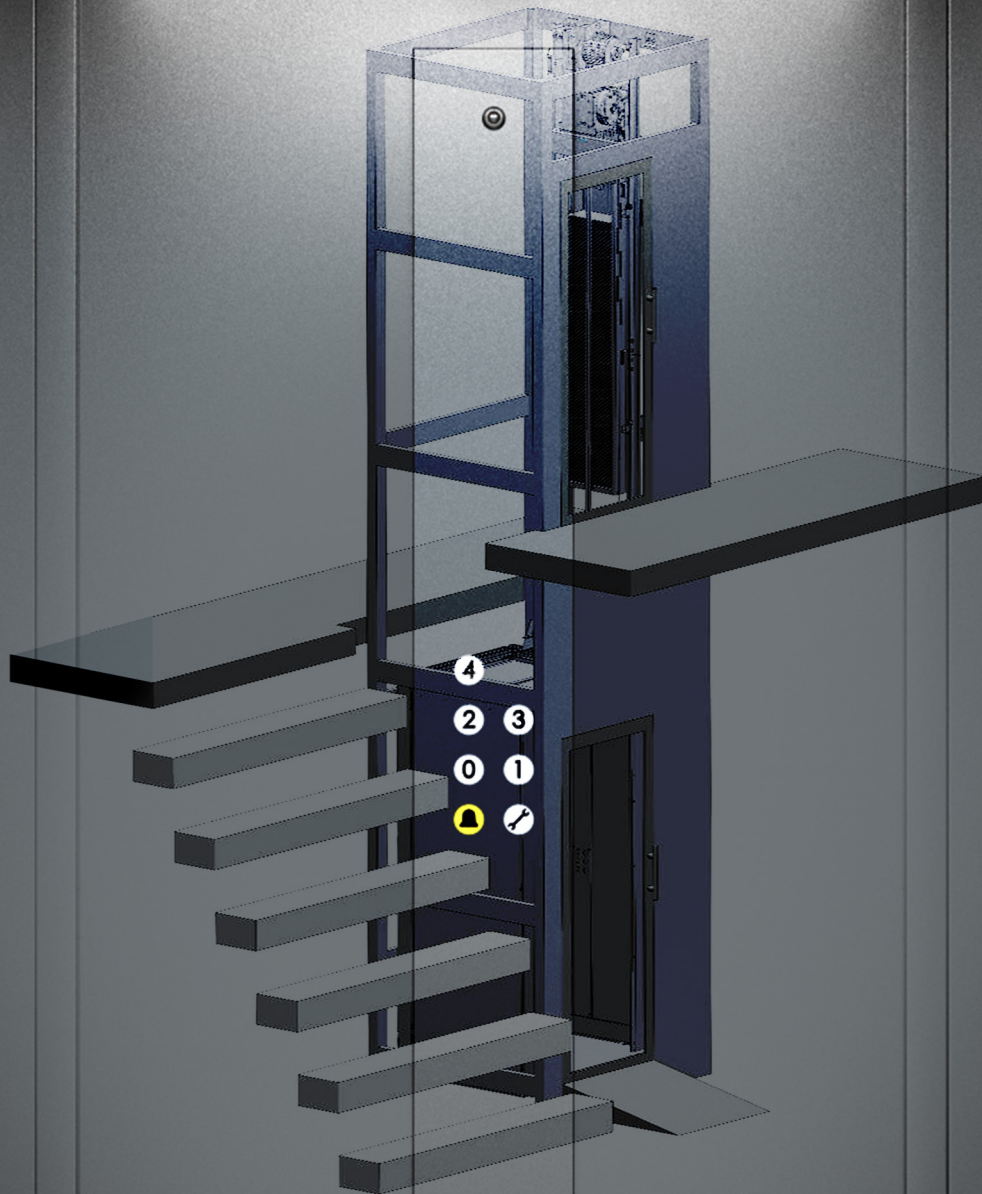
# Sliding door 3 panels – Structure



**ELFO-T**  
TECHNICAL FEATURES







# ELFO-T

## TECHNICAL FEATURES

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