



E.P. Elevatori Premontati srl

MADE IN ITALY

ELFO

Home Lift



Lifting Technology

E.P. ELEVATORI PREMONTATI srl

20 years' experience, in the lift business, offering a professional and passionate service for all our clients



EP manufactures custom-made lifting systems, designed to meet the specific requirements of our clients. The company manufactures more than 1,500 units per year and sells in over 20 different countries around the globe.



Responding to every need of vertical transportation, platform lifts (also called Home Lifts, Minilifts, Villalifts) arose historically as an aid to overcome architectural barriers, for installations in both public and private sectors. Over the years these products have evolved and their use has spread to buildings of all types, including external installations in glass or steel shafts. This type of installations in houses, apartments, condominiums and commercial locations increases the value of the property.

Compared to the elevators, the installation of Platform Lifts provides more simple and less restrictive rules. The space required in the pit (bottom) and the headroom (top) are particularly reduced. Similarly, in the plant room. The platforms are able to use the most of the space available (especially the versions without cabin doors). Current rules differentiate elevators from platform lifts for speed which for the latter is limited to 15 centimeters per second.

These features combined with low power consumption and power supply 230V (for versions up to 400 Kg capacity) make the platform lifts the most widely used and rationale for residential locations.

EP produces two types of platform lifts:

- **Elfo**
- **Upper**

Elfo is the best-selling platform in Italy and is characterized by the presence of the cabin. Its design philosophy makes it very flexible for installation in any type of space.

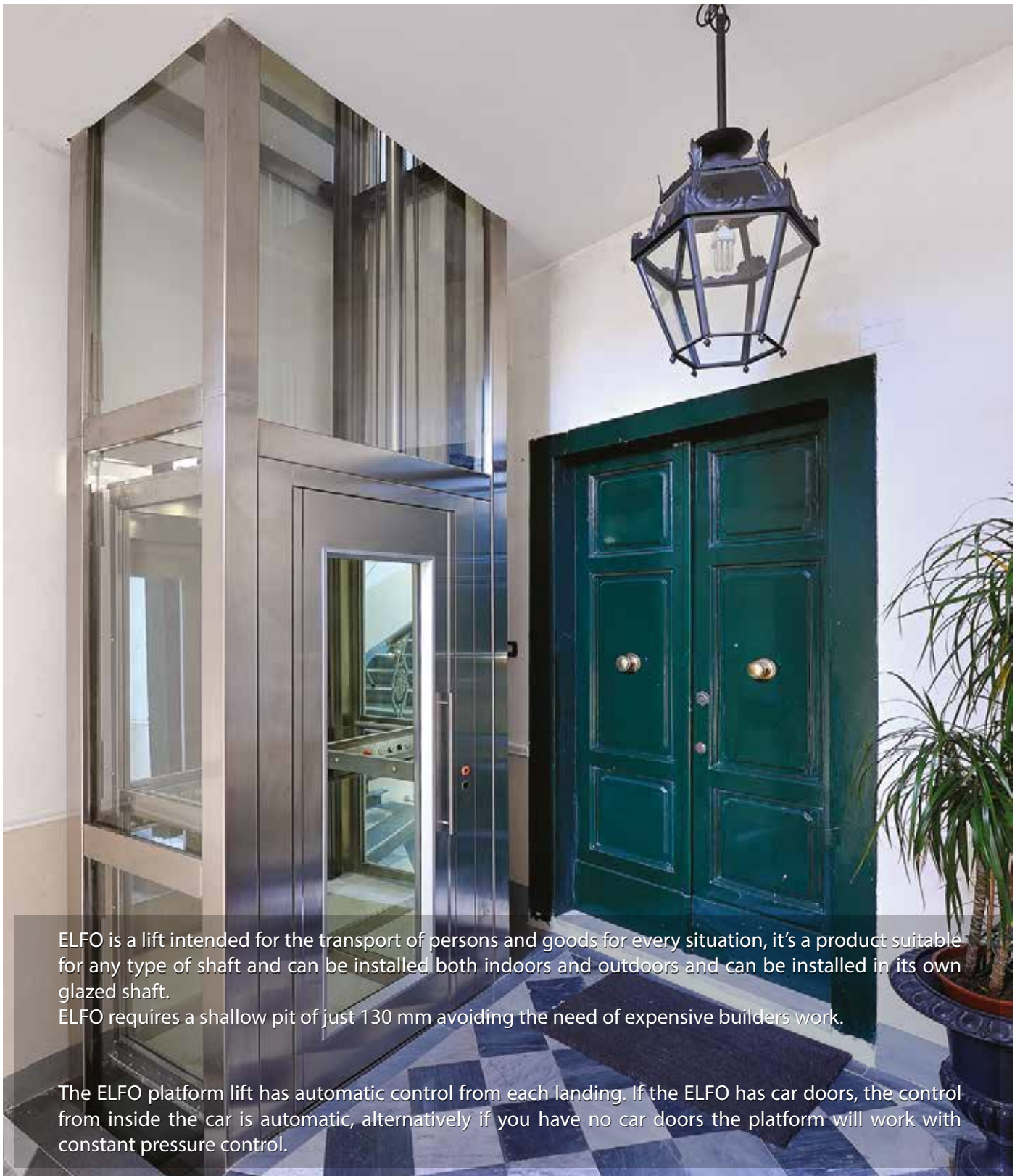
Upper is created for those cases where the headroom is limited and due to the use of a gate on the top floor and the absence of the cabin, allows overall height to the top floor of only 1300 mm.

The equipment and accessories may vary because of legal or local market requirements. The informations contained in this publication is only for exemplar purposes. EP may modify the data described in this publication for technical or commercial reasons.



Home Lift

Elfo



ELFO is a lift intended for the transport of persons and goods for every situation, it's a product suitable for any type of shaft and can be installed both indoors and outdoors and can be installed in its own glazed shaft.

ELFO requires a shallow pit of just 130 mm avoiding the need of expensive builders work.

The ELFO platform lift has automatic control from each landing. If the ELFO has car doors, the control from inside the car is automatic, alternatively if you have no car doors the platform will work with constant pressure control.

Home Lift Elfo

Unit with structure

EP platforms can be supplied with a steel structure to be installed either inside or outside the building. Structures are built in stainless steel or plain steel (galvanized for outdoor installations) painted in any RAL colour.



Cabin Finishes

The wide range of accessories, profiles, skirtings, lighting and mirrors allows you to choose among 40,000 combinations, making your Elfo a unique and original piece of equipment.



Aesthetical

The great flexibility and the care for aesthetical details make ELFO a truly interior design piece, becoming the perfect solution for commercial and residential installations.



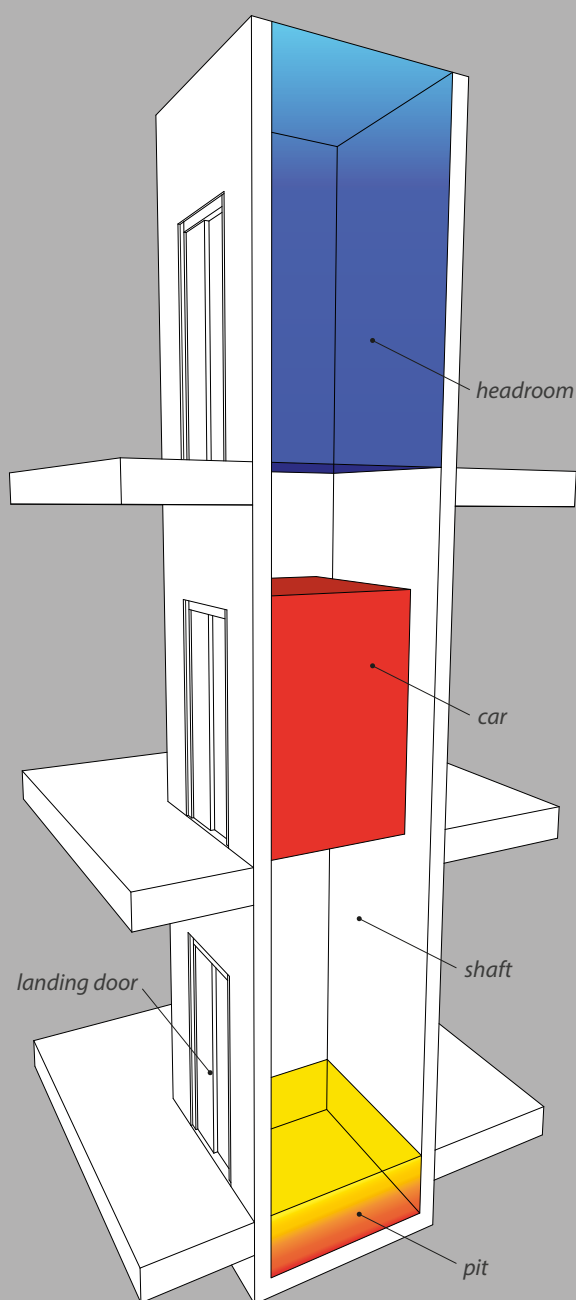
Home Lift

Elfo

masonry shaft

ELFO is a hydraulic platform lift for the transport of persons and goods. The ease of installation and the meticulous attention to detail makes ELFO an extremely safe and durable machine.

Maintenance and power consumption is extremely low. It runs on a power supply of only 230V.

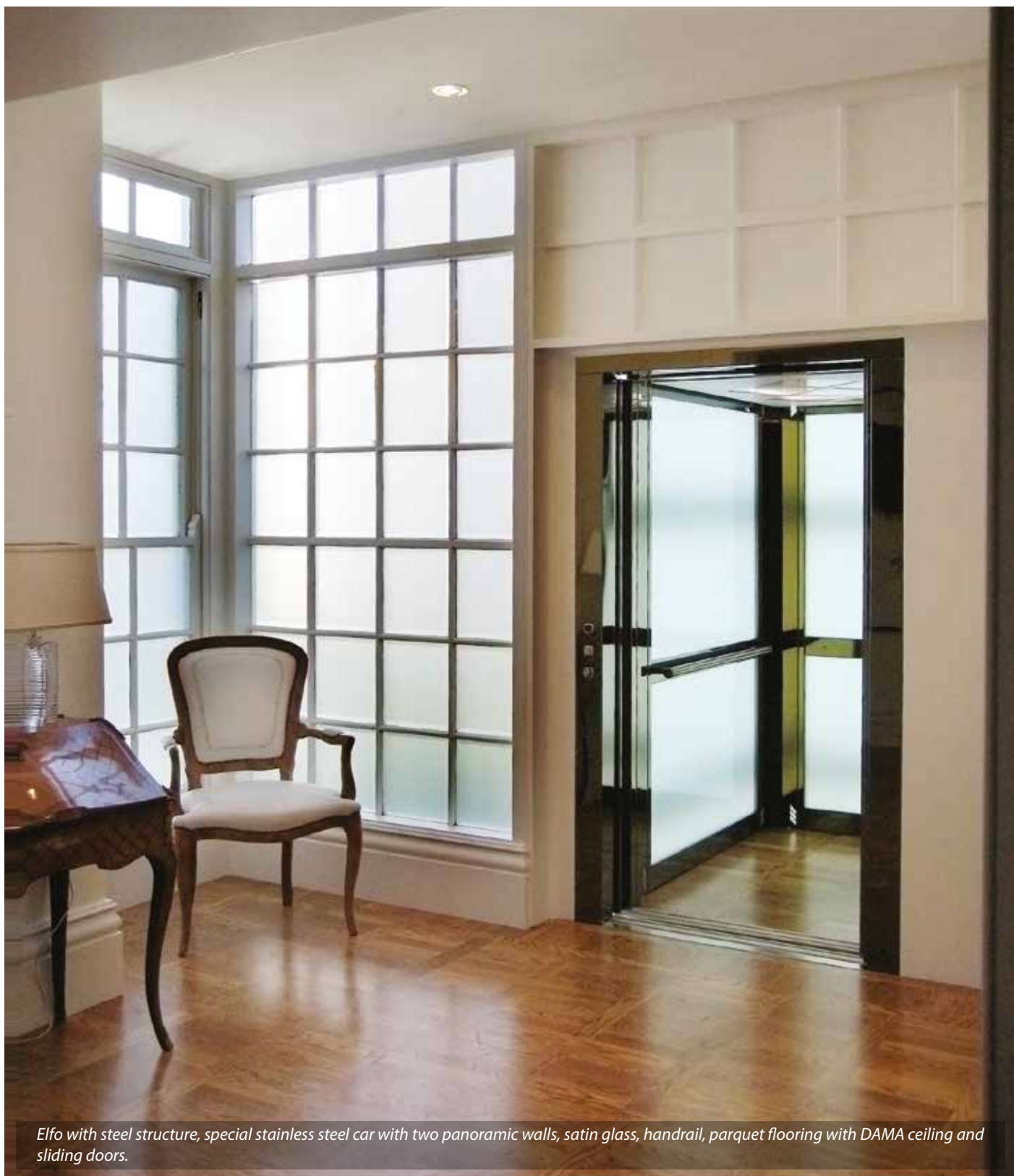


Elfo in masonry shaft with swing panoramic door covered in stainless steel with Caspim handle.

Elfo can be supplied with a lockable cabinet for the equipment up to 10 metres away from the shaft.



Home Lift
Elfo

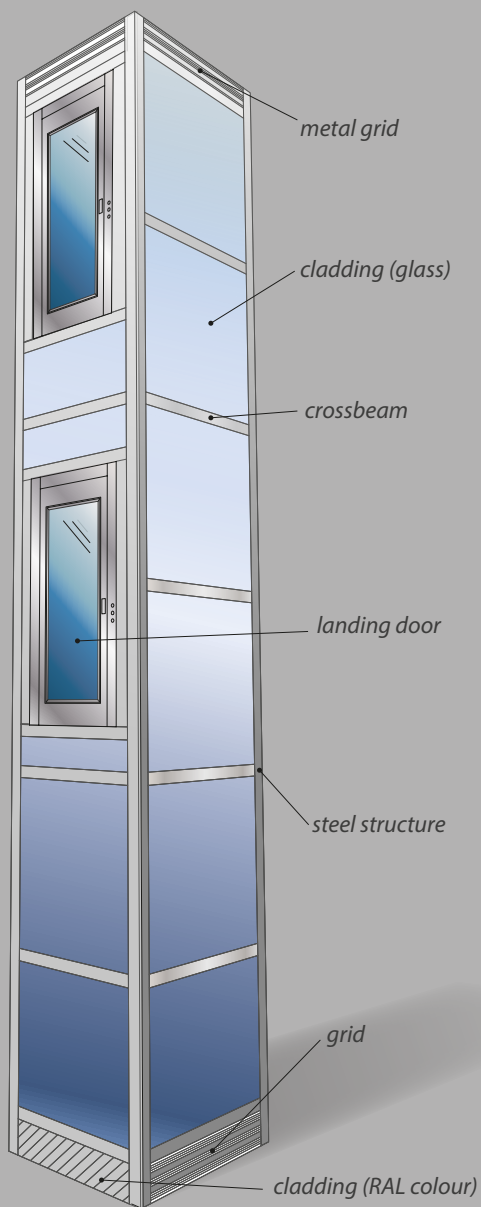


Elfo with steel structure, special stainless steel car with two panoramic walls, satin glass, handrail, parquet flooring with DAMA ceiling and sliding doors.

Home Lift

Elfo

steel structure shaft



Standard solutions offers the structure manufactured from steel components powder-coated with embossed finishes or available in RAL colours.

Other versions available are galvanized powder coated RAL, stainless steel (AISI 304 or upon request AISI 316) and both versions BA "Polished" or SB "Brushed".



Elfo with Villa door and stainless steel structure.

The cladding for the structures can be sheet steels or laminated glass.



Transparent



Etched neutral



Stop-Sol (Smoke/Bronze)



White milk



Bronze



Smoke

Home Lift
Elfo

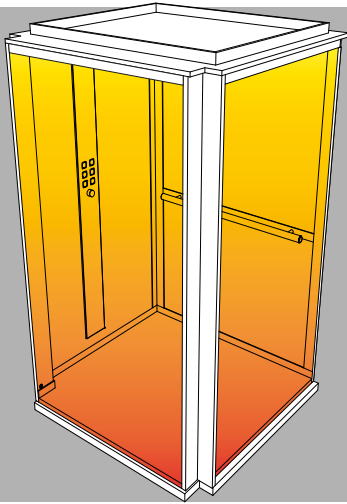


*Elfo with powder coated steel structure, clear glass cladding and panoramic doors with aluminium handrail (standard).
Stainless steel car with one panoramic wall. No car doors, vertical COP and LED spot lights.*

Home Lift

Elfo

swing manual landing doors without car doors



The lifting platform without car doors represents the cheapest and most functional solution of the Elfo model. Installation supplied with this car uses all available space in favour of internal dimensions, allowing the same loading capacity. The absence of car doors makes the access sides more "panoramic". On the access side the safety photocell is always installed.

Type of control

Automatic control to landings



Hold to run control from the car



Car



Home Lift Elfo

swing manual landing doors without car doors

Technical characteristics	Capacity [Kg]	standard	300	400	500
	Speed [m/s]	standard	0,15	0,15	0,15
	Power [Kw]	nominal	1,5/1,8/2,2	1,5/1,8/2,2	1,5/1,8/2,2
	Power supply [V]	standard	230	230	230/380
	Certification	IMQ	2006/42/CE	2006/42/CE	2006/42/CE

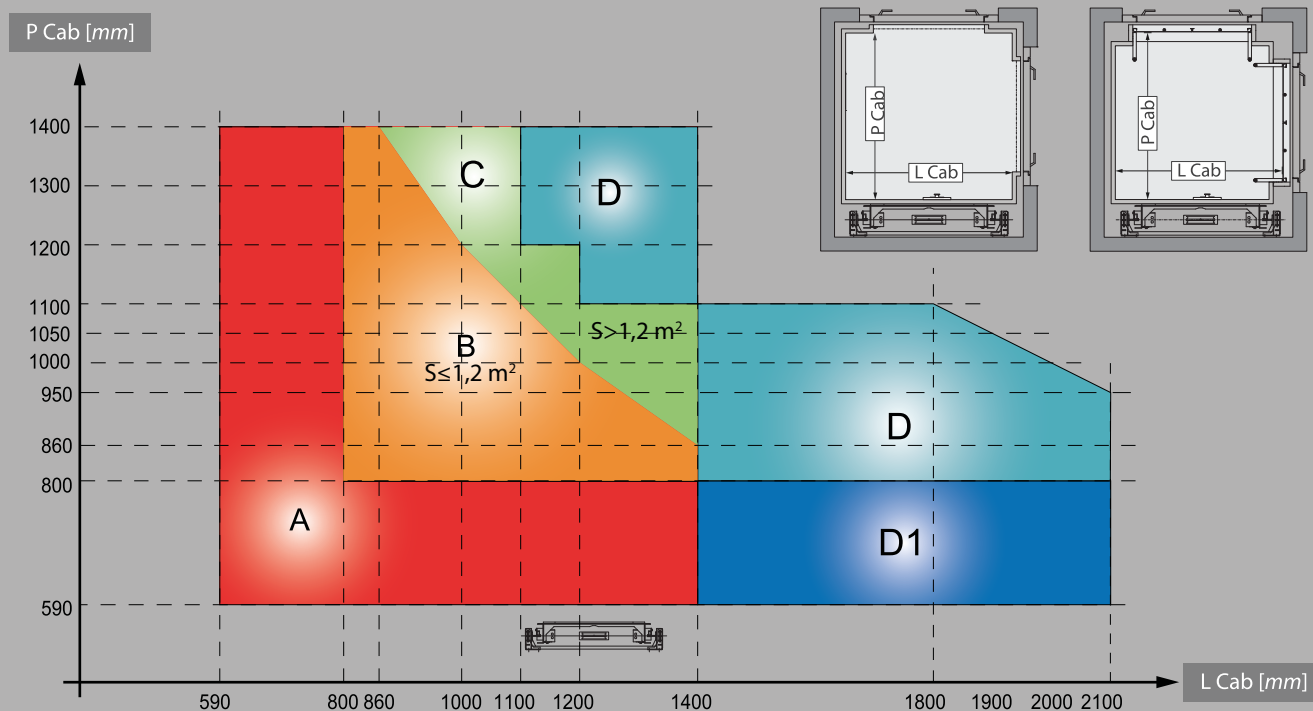
Shaft dimensions	Travel [mm]	max	15850 ÷ 18250 ¹	13450 ÷ 16650 ¹	13450 ÷ 16650 ¹

¹The maximum travel is based on the car load for travel > 15850 (300 Kg) and 13450 (400 kg) it's necessary to have a feasibility report.

Loading diagrams* (NO CAR DOORS OR MANUAL FOLDING DOORS)

*This diagram is also for Elfo with manual folding car doors (see page 13).

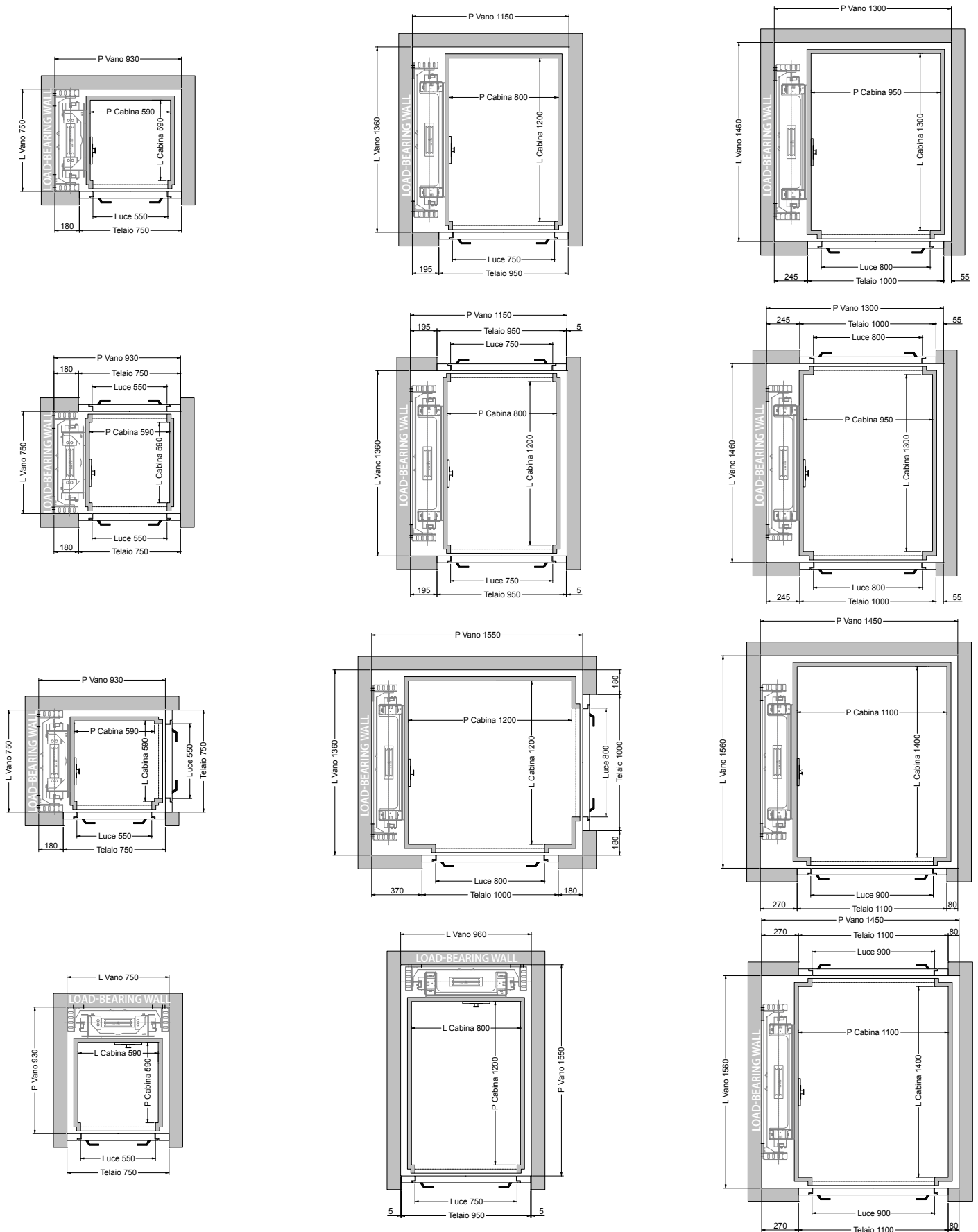
AREA	Type of installation	Minimum pit	Minimum headroom	Standard headroom
A	ELFO 300 kg	130	2150* <small>*less than 2300 car internal height 2000</small>	2600
B	ELFO 300 kg / ELFO XL 400 kg			
C	ELFO XL 400 kg			
D	ELFO XL 500 kg (without cabin door)	160	2450	2700
D1	ELFO XL 500 kg (without cabin door) The delivery times increase of 4 weeks			



Elfo - Examples

car without doors – masonry shaft

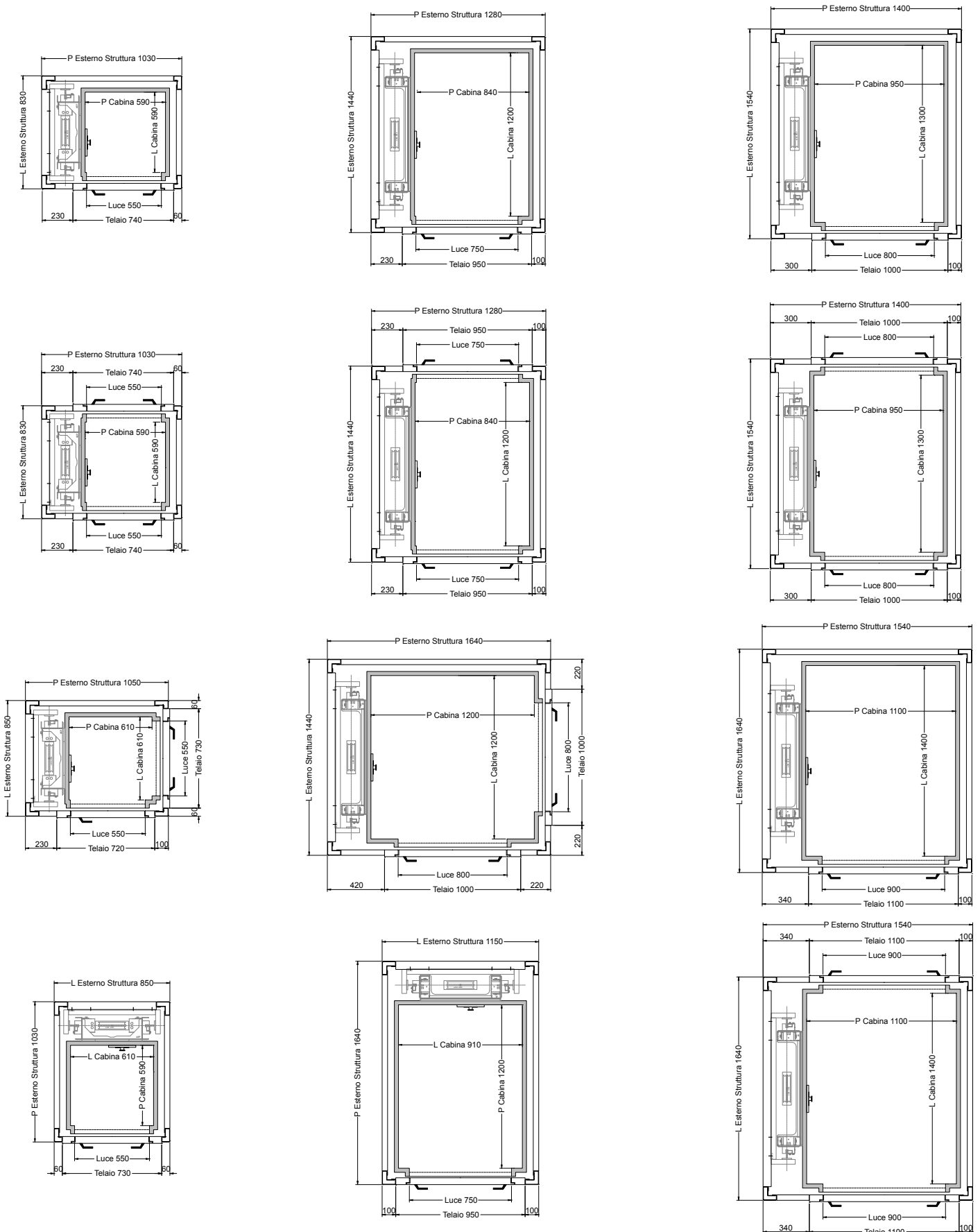
Each Elfo lifting platform is customized, the drawings below represents only some of the possible solutions. EP may modify the models described in this publication for technical or commercial reasons.



Drawings not to scale – measurements in millimetres

car without doors – steel structure shaft

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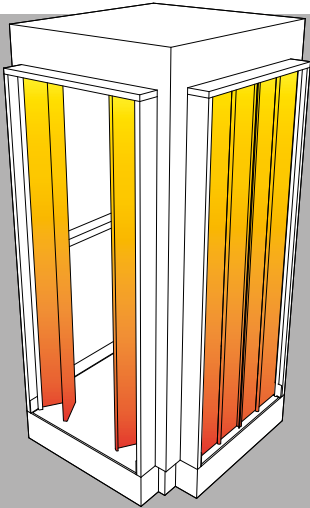


Drawings not to scale – measurements in millimetres

Home Lift

Elfo

automatic folding car doors and swing manual landing doors



This type of solution offers the use of manual or automatic folding doors. The presence of car doors enables the use of the unit in two different ways:

- **automatic control** if car doors are closed
- **hold to run control** (only with manual doors) if car doors are left open. In this case the safety photocell is present on the car entrance.

The folding doors are available in powder coated RAL or Stainless Steel BA / SB ("polished" or "brushed").

Type of control

Elfo with manual folding car doors and with swing manual landing doors

Automatic control to landings



Control from the car

hold to run with car doors open



automatic control with car doors close



Elfo with automatic folding car doors and with swing manual landing doors

Automatic control from car and landings



Folding car doors



Home Lift Elfo

automatic folding car doors and swing manual landing doors

Technical characteristics	Capacity [Kg]	standard	300	400
	Speed [m/s]	standard	0,15	0,15
	Power [Kw]	nominal	1,5/1,8/2,2	1,5/1,8/2,2
	Power supply [V]	standard	230	230
	Certification	IMQ	2006/42/CE	2006/42/CE

Shaft dimensions	Travel [mm]	max	15850 ÷ 18250 ¹	13450 ÷ 16650 ¹
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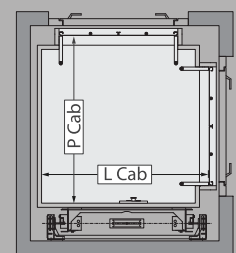
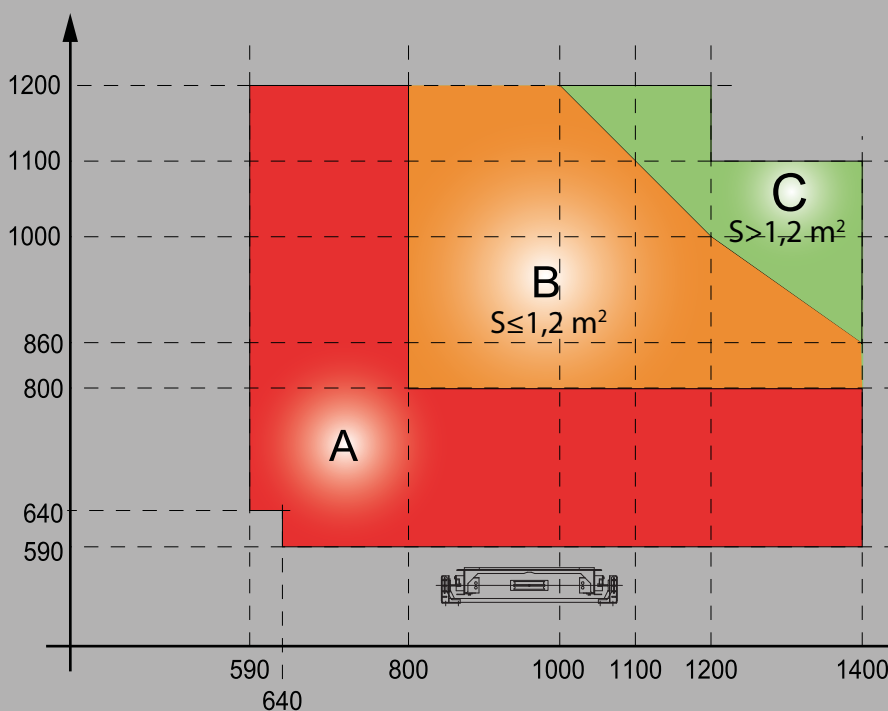
¹The maximum travel is based on the car load for travel > 15850 (300 Kg) and 13450 (400 kg) it's necessary a feasibility report.

Loading diagrams* (AUTOMATIC FOLDING CAR DOORS)

*For Elfo with manual folding car doors see loading diagrams at page 09.

AREA	Type of installation	Minimum pit	Minimum headroom	Standard headroom
A	ELFO 300 kg (no adjacent entrances)	130	2350	2600
B	ELFO 300 kg / ELFO XL 400 kg			
C	ELFO XL 400 kg			

P Cab [mm]

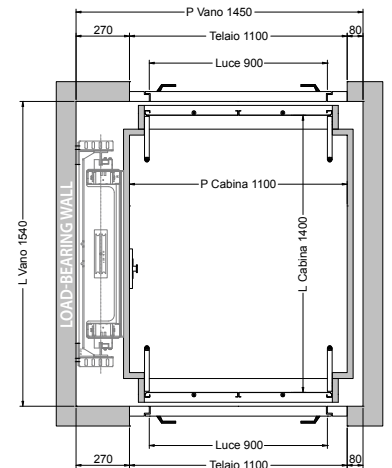
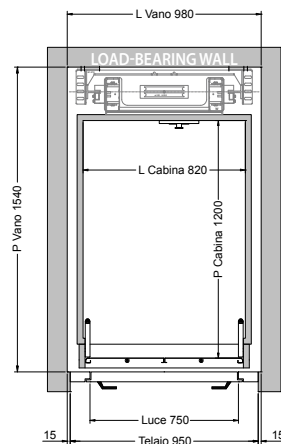
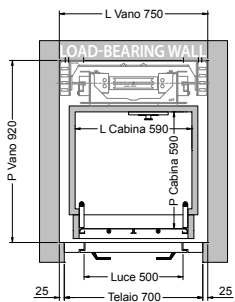
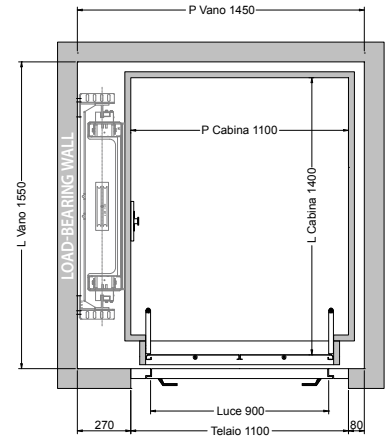
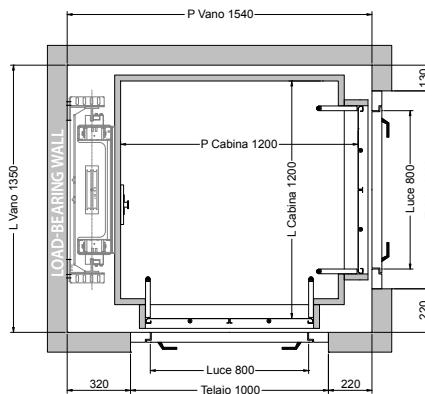
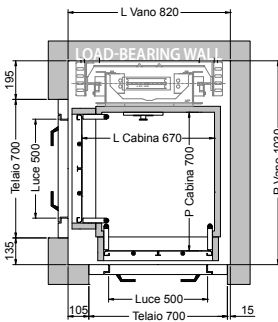
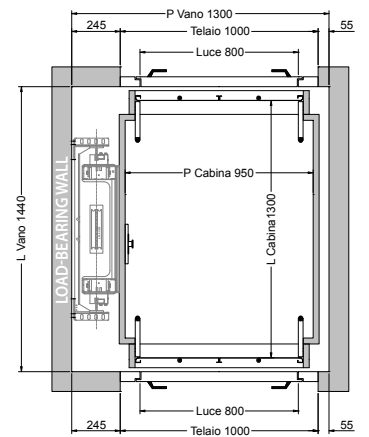
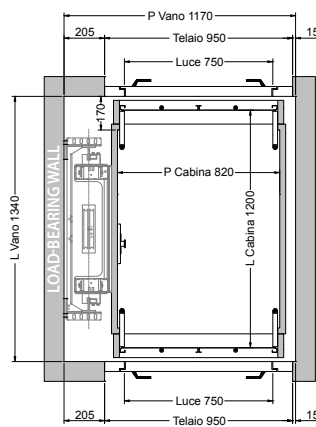
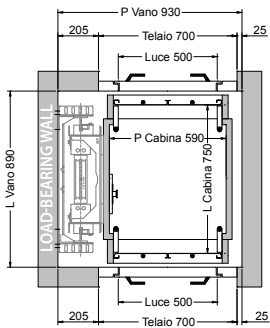
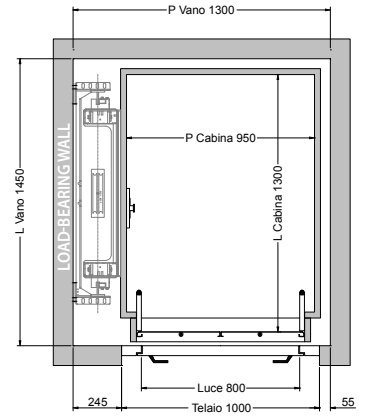
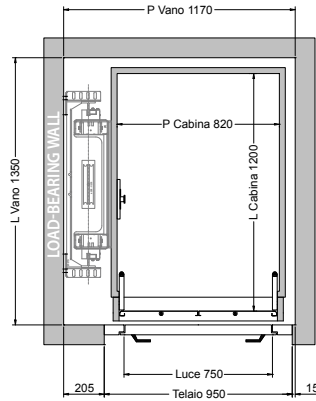
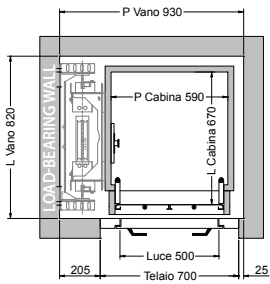


L Cab [mm]

Elfo - Examples

car with folding doors - masonry shaft

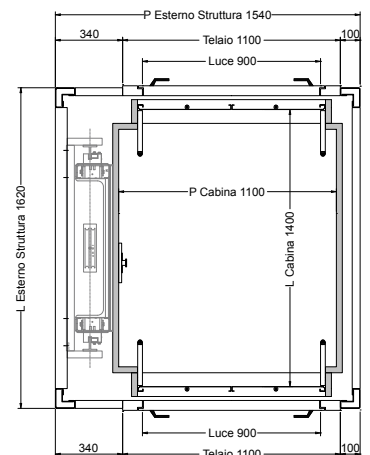
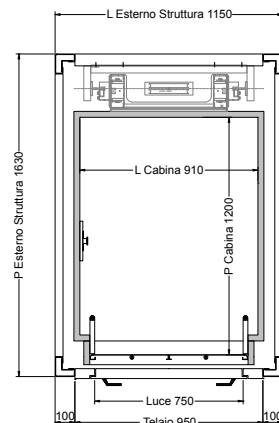
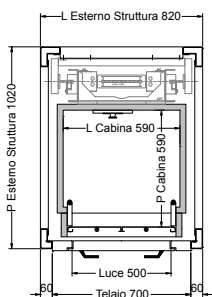
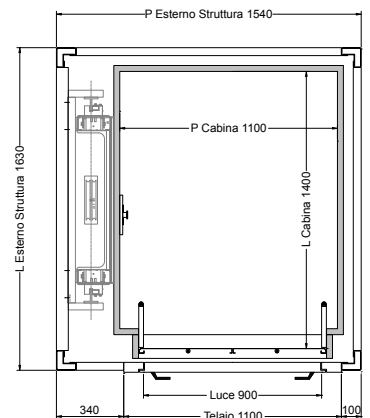
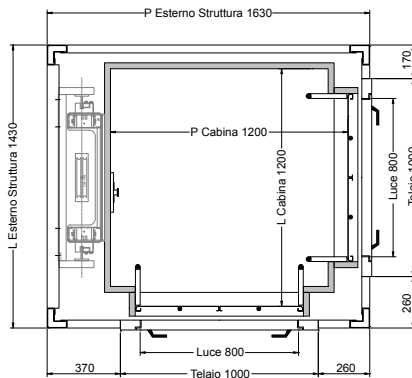
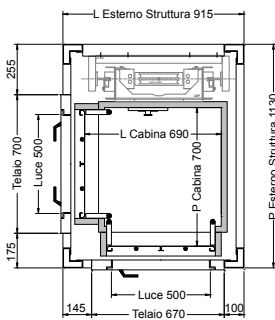
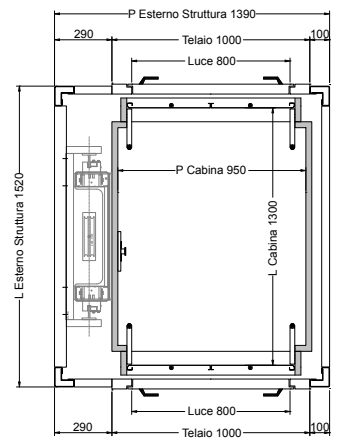
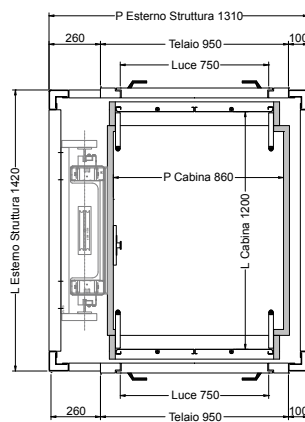
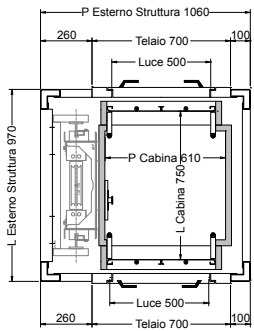
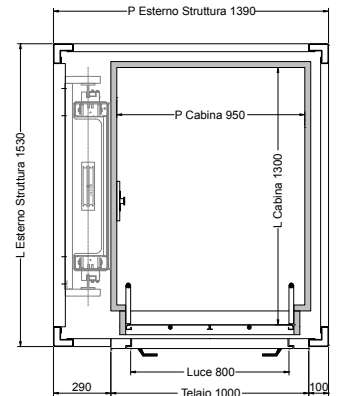
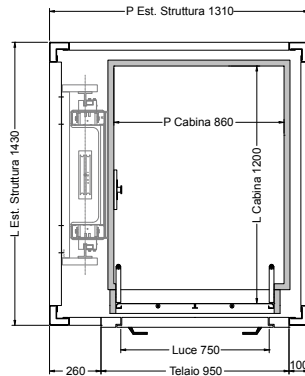
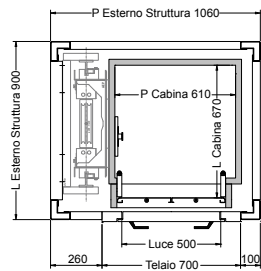
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Drawings not to scale – measurements in millimetres

car with folding doors – steel structure shaft

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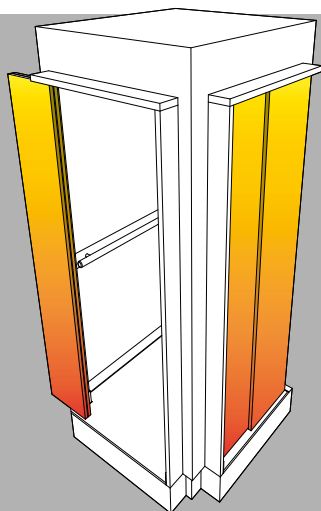


Drawings not to scale – measurements in millimetres

Home Lift

Elfo

with car and landing sliding doors



The car with automatic sliding doors combines the latest in comfort (as conventional lifts) with the advantage of the lifting platforms regulations (low maintenance costs and reduced pit and headroom).

The installation of sliding doors allows the "automatic control" of the unit: The user can use the platform as a conventional lift just select the desired landing and you arrive at the floor.

Sliding doors are available in plastic-coated sheet, coated stainless steel SB or BA, and can be glazed or plastic laminate covered.

Type of control

Automatic control from landings and car



Sliding doors

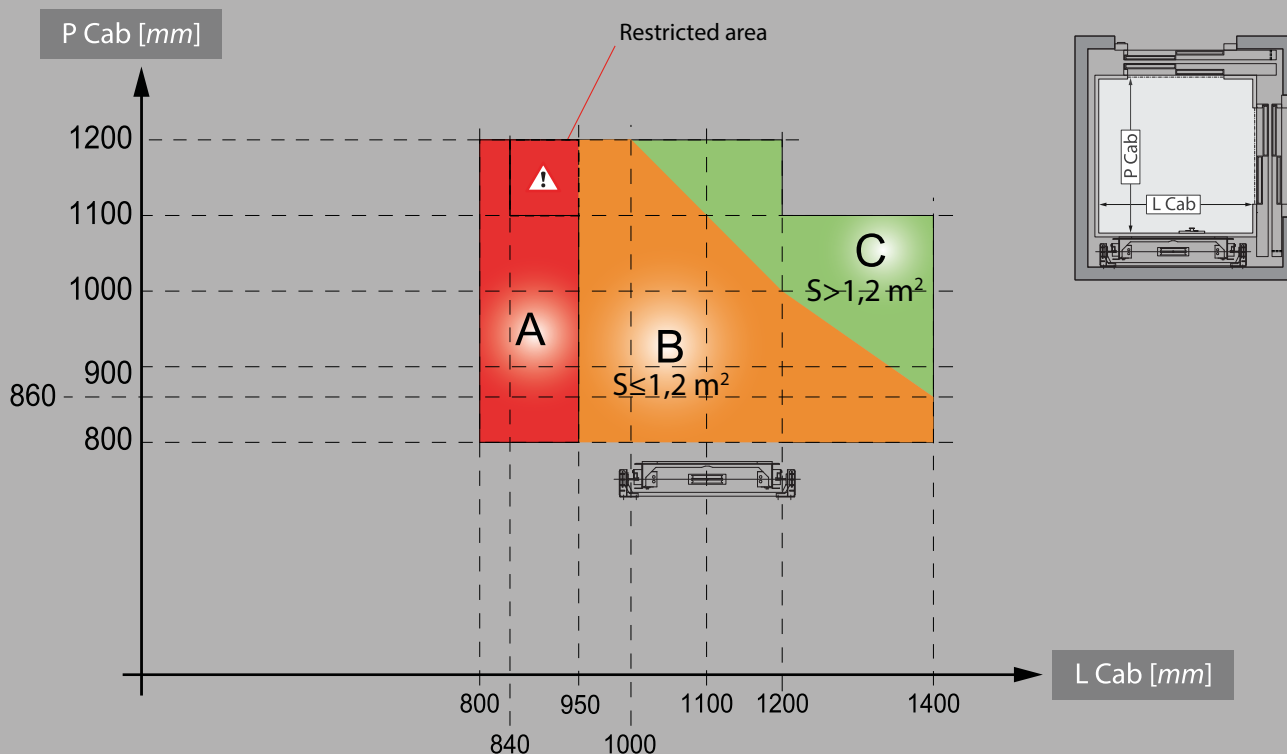
Technical characteristics	Capacity [Kg]	standard	300	400
	Speed [m/s]	standard	0,15	0,15
	Power [Kw]	nominal	1,5/1,8/2,2	1,5/1,8/2,2
	Power supply [V]	standard	230	230
	Certification	IMQ	2006/42/CE	2006/42/CE

Shaft dimensions	Travel [mm]	max	15850 ÷ 18250 ¹	13450 ÷ 16650 ¹

¹The maximum travel is based on the car load for travel > 15850 (300 Kg) and 13450 (400 kg) it's necessary to have a feasibility report.

Loading diagrams (SLIDING DOORS)

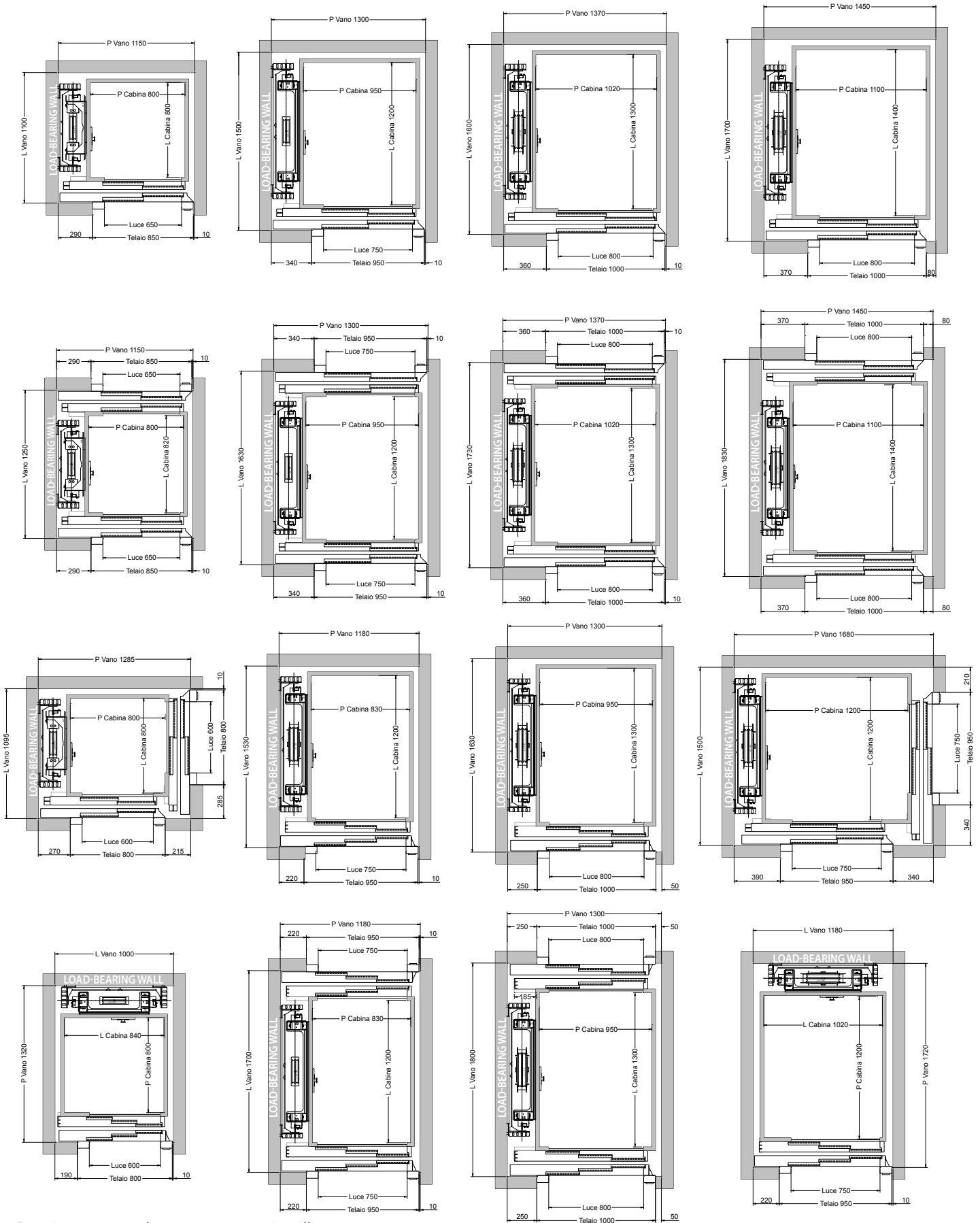
AREA	Type of installation	Minimum pit	Minimum headroom	Standard headroom
A	ELFO 300 kg	130	2500	2800
B	ELFO 300 kg / ELFO XL - Q=400 kg			
C	ELFO XL 400 kg			



Elfo - Examples

car with sliding doors – masonry shaft

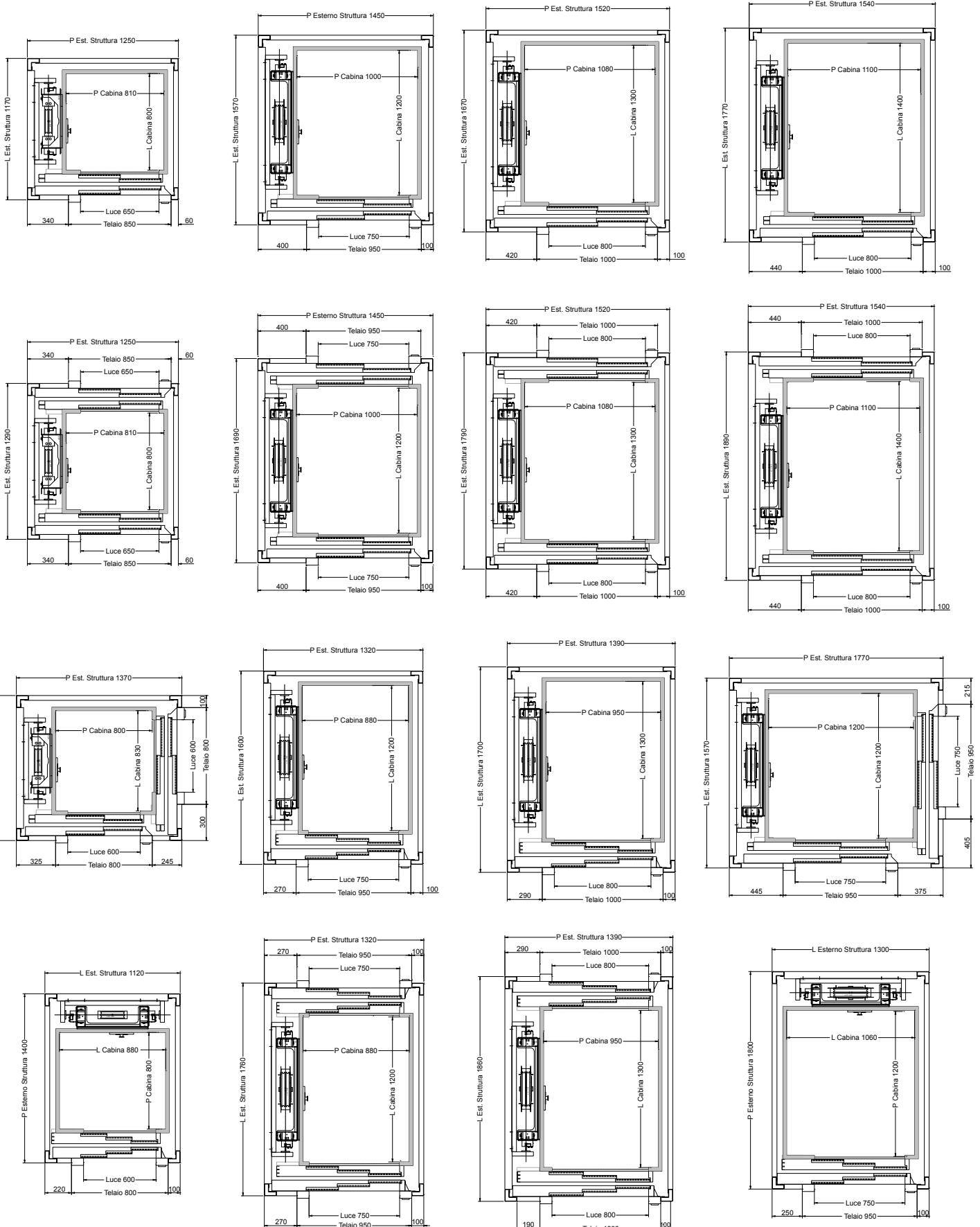
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Drawings not to scale – measurements in millimetres

car with sliding doors – steel structure shaft

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Drawings not to scale – measurements in millimetres

Home Lift

Elfo



Elfo with automatic sliding doors in stainless steel BA, car walls with mirrors and full height glass, ceiling lighting "Labirint" in stainless steel

Home Lift Elfo



Elfo with automatic sliding doors plastic laminate coated



Elfo with "Labirint" ceiling, vertical COP, car walls covered in plastic laminate, profiles in polished stainless steel



Elfo with automatic panoramic sliding doors



Elfo with LED spotlight ceiling, mirror wall and profiles in polished stainless steel

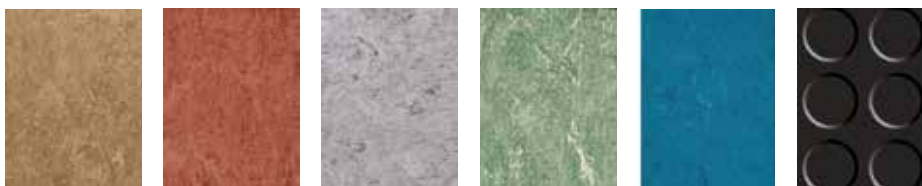
Materials

standard

FLOORING

LINOLEUM

Excellent resistance, hard wearing and easy to maintain. These materials are perfect for daily use.



121 - 003
Dark Brown

121 - 008
Chestnut

121 - 155
Smoked Pearl

121 - 143
Leaf Green

125 - 026
Sky Blue

Gomma a
bolle nera

FINISHING

PLASTIC-COATED SHEETS

These materials are hard wearing and easy to maintain, they are available for the skirting's, pushbutton panels and profiles.



F12PPS
Similinox

B41SSM
Blu stellato

WALLS AND PANELS

PLASTIC-COATED SHEETS

These materials are hard wearing and easy to maintain, they are available for the skirting's, pushbutton panels and profiles.



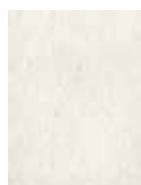
A1
Bianco

DL10
Abete

F12PPS
Similinox

PPS1
Grigio

PPS11
Avorio



DT29SMA
Beige spatolato



G1
Crema



B41SSM
Blu stellato



N1
Grigio



B22SMA
Blu

The pictures in this brochure are a reflection of the equipment available and samples can be provided upon request.
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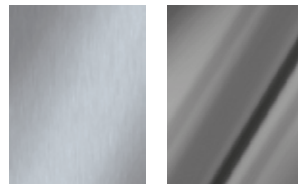
Materials

optional

WALLS AND PANELS

STAINLESS STEEL

Stainless steel sheet treated to ensure durability and to keep the lift looking good over the years.



SB Scotch Brite
"brushed"

BA
"polished"



Stainless steel
Scotch Brite
("brushed")

Stainless steel BA
("polished")

SPECIAL STAINLESS STEEL

Stainless steel sheets coated specially to provide innovative and contemporary finishes.



SC 147



Austenit fumè



SC 919 Gold-blu



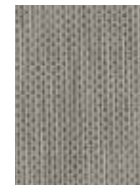
SC 111



Rombo lucido



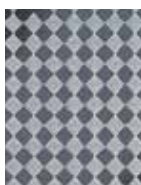
Austenit



Lino lucido



5WL lucido



SC 107 D



Quadro oro



Lino rosso



SC 422 Gold



Oro SB



Pioggia bronzo



Stripes bronzo



Dots bronzo



SC 429 Gold



SC 528 Gold



SC 400



Perla oro



Goccia blu



Pelle verde



Rete blu



Goccia rosso

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Materials

optional

FLOORING

GRANIT

Flooring made with quality natural materials to suit each individuals requirements.



Polar Ice
607



White Star
677



Perla Bianca
616



Sunset Beach
609



White Copper
451



Orange
422



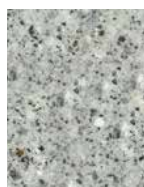
Red
424



454



White
2400



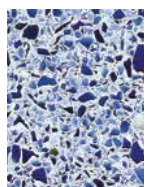
Titan Grey



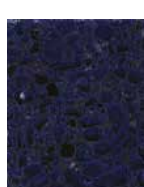
Dove Trail
2402



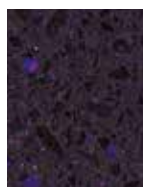
Venus Grey



Blue Dream
2414



Dark Blue
453



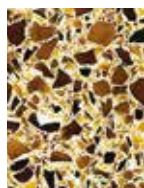
Purple Blue
455



Blue Whale



Green Dream
2430



Chiaro Ambra
2422



Terracotta



Clay



Dark Chocolate



630



Black Star
671



Nero Maltese
2404

WALLS AND PANELS

COLOUR EVOLUTION

Contemporary finishes in plastic laminates including luminescence to provide a truly unique finish.



9206 vg LUC



9208 vg LUC



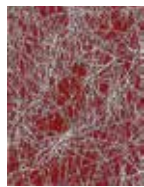
9209 vg R



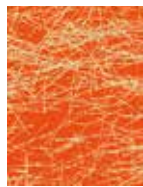
9211 vg LUC



9214 vg LUC



9215 vg LUC



9213 vg LUC



9202 vg LUC



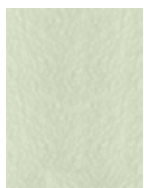
2443 QZ



2439 QZ



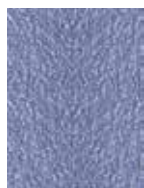
2417 QZ



2416 QZ



2445 QZ



2444 QZ



2447 QZ



2446 QZ

The pictures in this brochure are a reflection of the equipment available and samples can be provided upon request. EP is not responsible for any pictorial differences between the images in this catalogue and the actual materials provided.

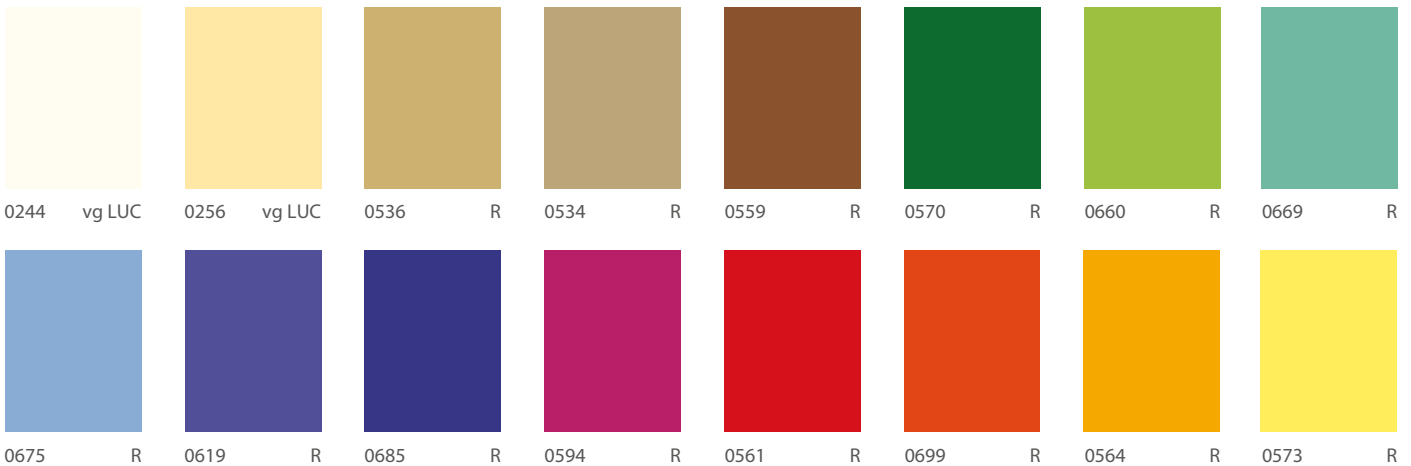
Materials

optional

WALLS AND PANELS

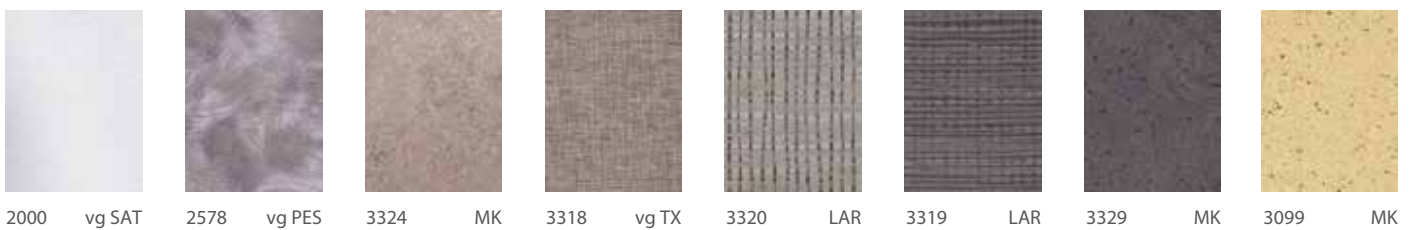
COLORS INTESI

Lightweight and durable plastic laminates, available in a wide range of colours.



MATERIC EXPRESSION

Plastic laminates lighter and stronger, the textures of these laminates offer a nice effect and can be easily matched to steel finishes.



WOODS

Plastic laminates lighter and stronger; faithfully reproduce the essences of the most common woods.



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Home Lift

Elfo

Accessories



We supply most finishes to the client's requirements if you have a specific request please contact us at EP and we will endeavor to accommodate you.

Home Lift Elfo Accessories



standard cabin



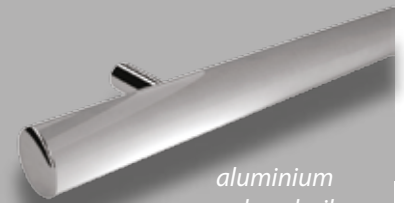
handrail



horizontal COP



numeric key pad



aluminium
handrail

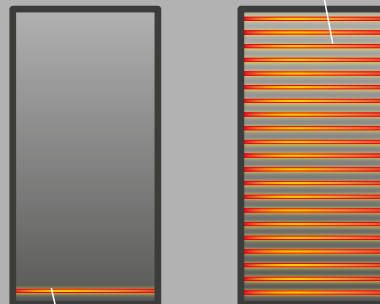


vertical COP in stainless steel BA polished



stainless steel
SB brushed
handrail

Full height photocell



Single beam photocell



vertical COP in simlinox



stainless steel
BA polished
handrail

We supply most finishes to the client's requirements if you have a specific request please contact us at EP and we will endeavor to accommodate you.

Landing doors

swing doors

Classic door



colori RAL

Semi-automatic metal door available in a plain version or with glass, available in one or two panels. Painted in the RAL range colours or coated stainless steel BA or SB.

Reinforced door



colori RAL

Semi-automatic metal door with CISA 5 pins lock, available in the RAL range of colours.

Fire-resistant door



colori RAL

Semi-automatic metal door manufactured to withstand fire for a fixed period of time.

Aluminium door



Semi-automatic metal door with aluminum frame, material that maintains its physical and aesthetic properties. It is an "ecological" material as it can be completely recycled.

Villa door



Semi-automatic door with crystal made panel. The crystal glass of this door is laminated and tempered. The frame is stainless steel coated as well as the accessories.

Small window



colori RAL

First measure available among windows . Allows the possibility to see the car at landings .

Large window



colori RAL

Intermediate window dimension, allows a greater passage of light inside the car.

Glazed doors



colori RAL

Panoramic size window, allows a full vision of the car. This type of doors is used frequently in units with metallic structure.

Double glazed doors



colori RAL

Door that allows passage of very bright light, with its two separate windows. This solution is a viable alternative of the panoramic door.

Caspim handle (optional)



Handle for door, made of stainless steel.

The glass finishes available are shown on page 6.

Landing doors

swing doors



The equipment and accessories may vary because of legal or local market requirements. The informations contained on this publication is only for exemplar purpose. EP may modify the data described in this publication for technical or commercial reasons.



E.P. Elevatori Premontati S.r.l.
Via della Pavoncella, 12/14
56019 Loc Nodica - Vecchiano (PI)
Tel. +39 050 875091
Fax +39 050 8750999
R.E.A. di Pisa PI135207

Sede legale
Via Querceto, 27 - 59100 Prato (PO)
Partita IVA e C.F. 01129050470
Capitale Sociale € 1.215.000 I.V.
Reg. Imprese di Prato n.01129050470
R.E.A. di Prato PO 449750

www.elevatoripremontati.it
info@elevatoripremontati.it - pec: epelevatori@legalmail.it