





1 EVP Car 2 Straight chair 3 Curved chair 4 SER 5 HDP 6 SPV

NOTE: Orientative pictures NOT BINDING

2 embarba

CONTENT

ACCESSIBILITY

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EVP

Accessibility

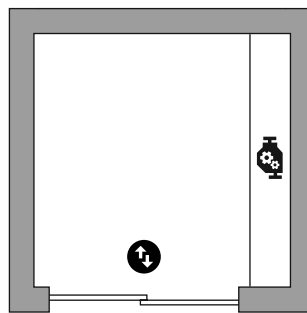
Designed for single-family homes, these lifts are intended for people with mobility problems who are looking for a versatile, quiet and affordable solution that fits into their home.

These lifts offer multiple customisation options within the car, seeking total integration with the aesthetics and decoration of the home.

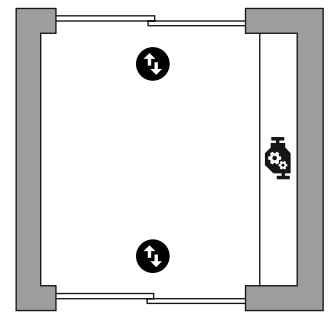
Basic setup:

- Impulsion system via a single-acting hydraulic cylinder (diver type), single-acting thrust (diver type), indirect thrust (2:1 ratio) and a pressure of 35 to 40 bars.
- Electronic control unit with start/stop solenoid valve, built-in manual, lowering button, switch-off valve and manual pump.
- Electric panel with electronic board and control pre-installed in the shaft and car.
- Operation of the platform by means of "constant pulsation" (no doors in the car) and simple electronic operation (with doors in the car)
- Stainless steel push button panel in car, mushroom stop button (only without doors in the car), alarm button and registration indicator.
- Overload indicator light.
- Presence sensor of the car on ground floor, display in car.
- Possibility of up to 3 access on each level.
- Single-phase electric motor 3HP (2,200W) /15A.
- Non-slip floor in various finishes.
- Minimum pit required: 180mm or 250mm, depending on model

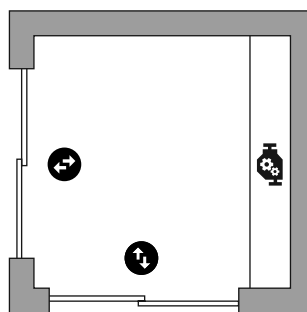
EVP1



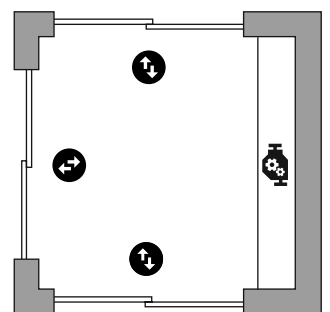
EVP2-180



EVP2-90



EVP3



385 kg.



2 people. (*)



Max. Travel 20m



0°, 90°, 180°, and Three sided entrance.



Hydraulic.



Speed ≤ 0,15 m/s

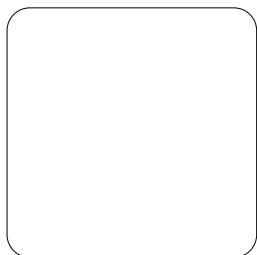
NOTE: Orientative pictures NOT BINDING. 1 person in wheeling chair + 1 accompanying.



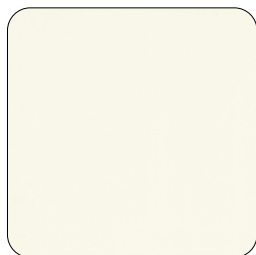
embarba

EVP - Decoration

Panels



Skinplate PS1701



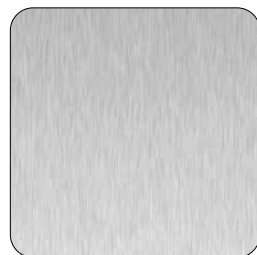
Skinplate PS1705



Skinplate PS1703



Skinplate PS1704



Acero Inox. PA1701
(Optional)

Floors

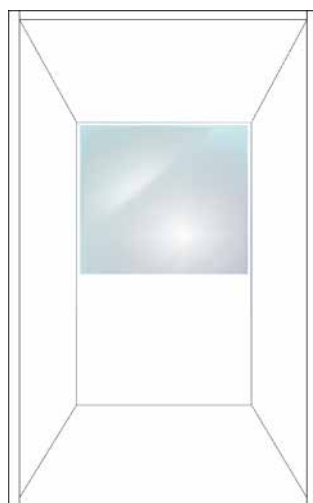


Cemento Módena



Urban Beige

Mirror



E1706
1/2 Incompleto

Handrail



Aluminium P1704

Ceiling



Ceiling T2001 RAL 7032

Button



Push-bottom P1702 Inox. EVP

Display



Car Display LCD DC2201 Tricolor

Stairlift Chair

Accessibility

The stairlift is a lifting system designed and approved to solve the movement needs in the private home of people with reduced mobility, with no need for building work. Also for single-family homes and places where space limitations make it impossible to install another lifting device.

We offer two types of stairlifts:

- Straight.
- Curved.

Straight and curved chair basic setup:

- Ergonomic seat and backseat
- Safety belt
- Folding armrests, footrests and seat
- On/off switch
- Battery recharge position
- Safety sensors
- Easy to use remote control with buttons to "call" or "send" the chair up and down

General characteristics:

- Placement to the right or left of the staircase.
- Quiet and energy-saving.
- Power supply 24 V DC (battery).
- Single-phase 220 V power supply.
- Folding and swivelling seat.
- Quick installation without building work.
- On-board and floor controls.
- Speed 0.15 m/s.

NOTE: Orientative pictures NOT BINDING.



Straight-leg chair



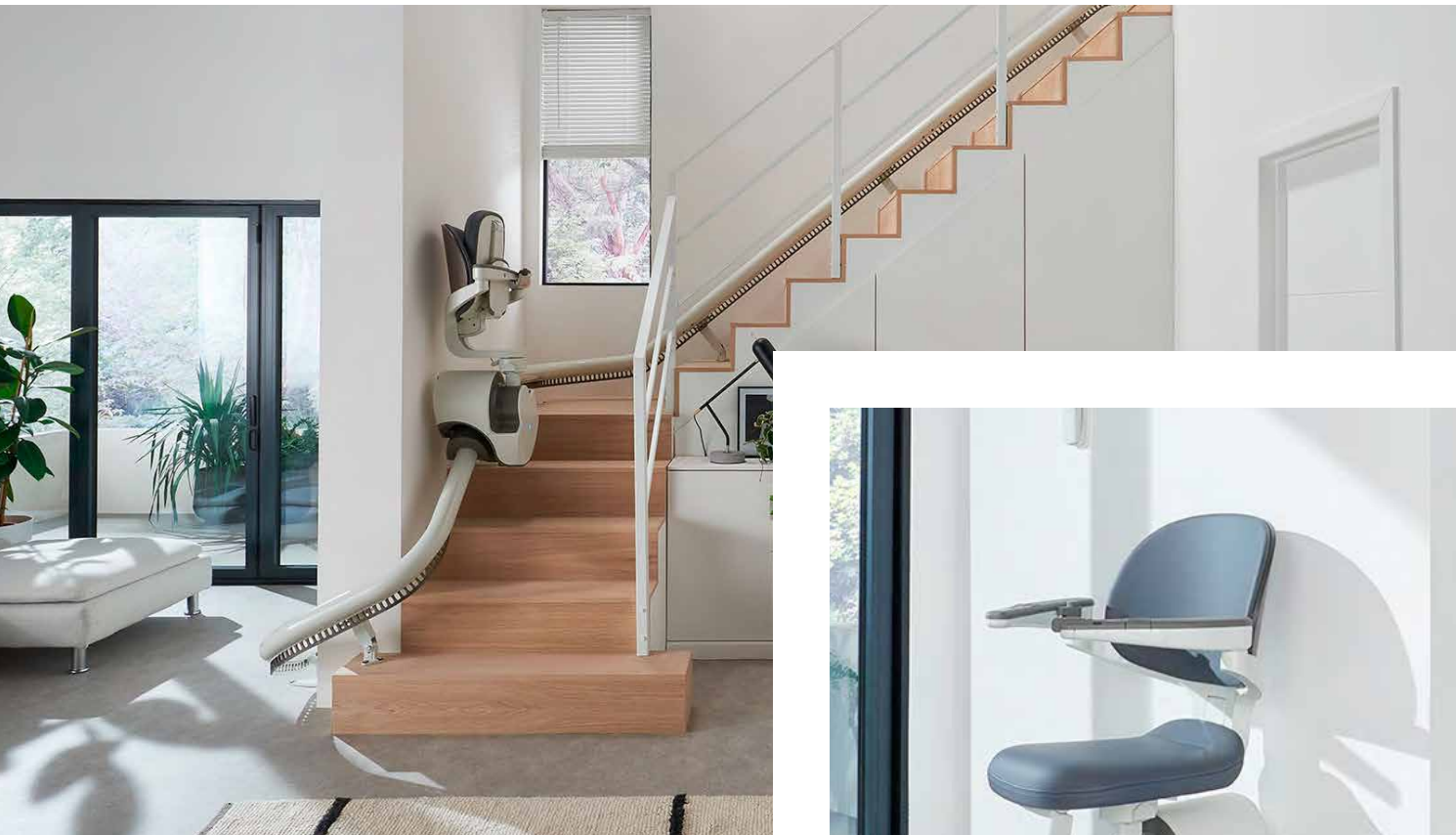
Curved-leg chair



Curved-leg chair

Stairlift Chair

Colour options



Rail detail



Seat detail



Detail of armrest with automatic folding button and automatic footrest (Optional)

NOTE: Orientative pictures NOT BINDING

Upholstery (exclusively for SSCB1)

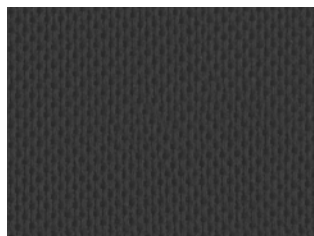
Vinyl:



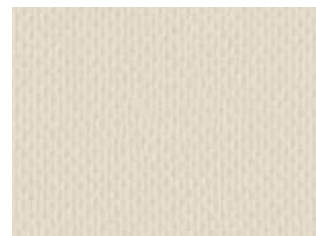
Red



Blue



Grey



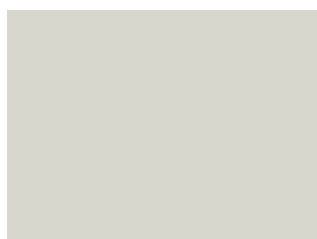
Cream

Rail

Colour of the rail:



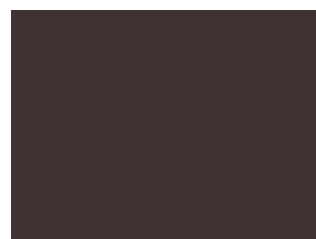
Grey
RAL 7030



White
RAL 9002



Light brown
RAL 8025

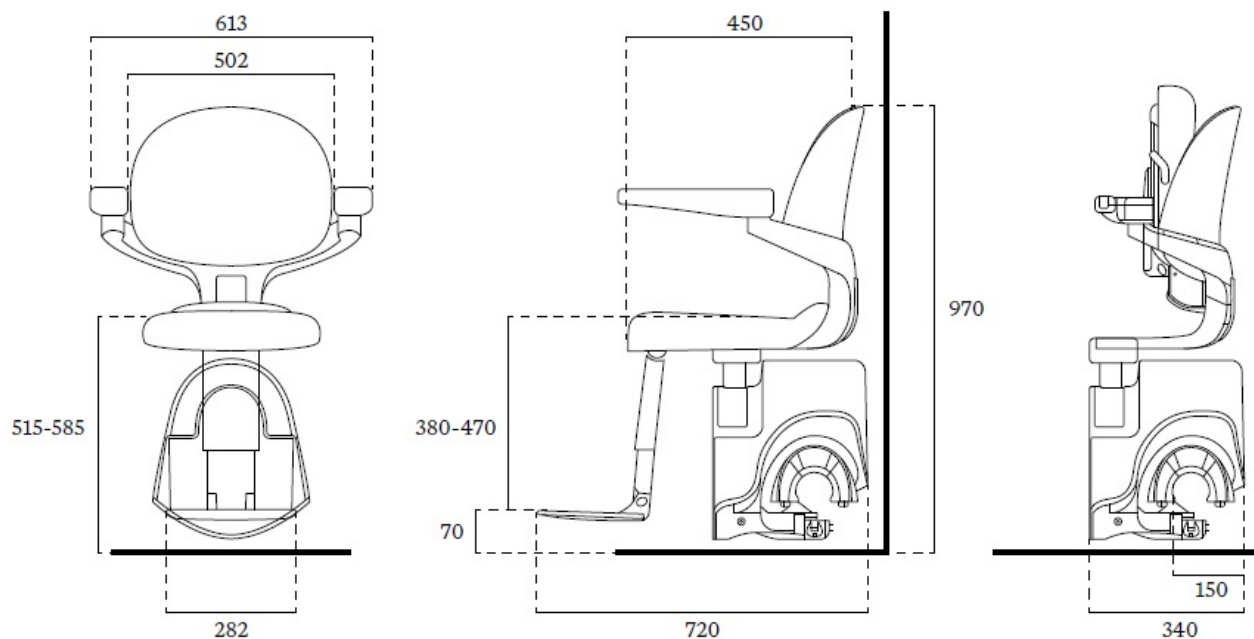


Dark brown
RAL 8019

Stairlift Chair

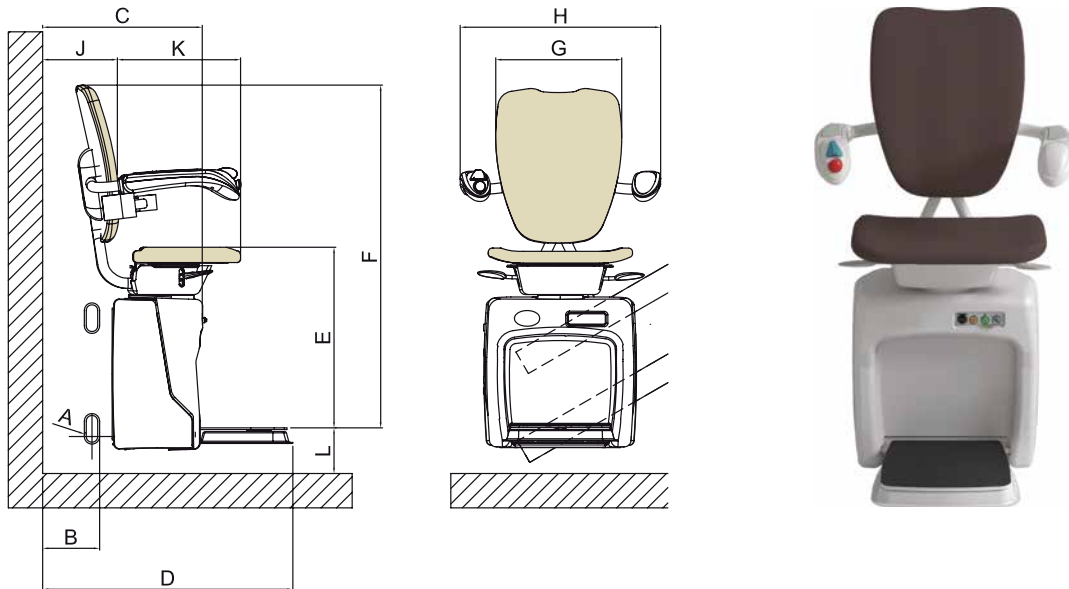
Technical specifications

Flow X Model



Max. Speed	0,15 m/s.
Drive system	Rack and pinion
Engine power	350 W.
Weight capacity	125 kg.
Batteries	2 batteries of 12 V; 24 V in total
Management	Folding control lever
Inclination of the staircase	Until 72°
Emergency button	Yes .
Automatic shutdown	Yes .
Footrest:	Yes .
Retractable seat belt	Yes .

SSCB-2 Model Variable and/or curved section

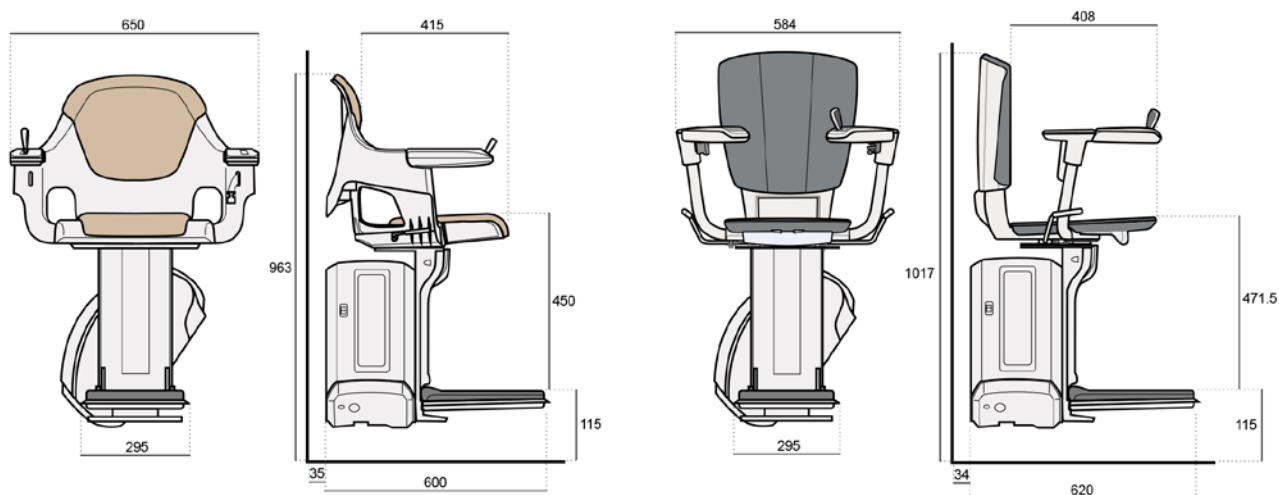


Max. Speed	0,15 m/s.	
Power supply	230 VAC.	
Period of use	15 travels every 24 hours- 10 continuous travels	
Max. weight	130 kg.	
A:	Guide dimensions width/height	30/50 mm.
B:	Distance from the external side of the ladder.	130 mm.
C:	Space occupied by the machine with the footrest closed.	445 mm.
D:	Space occupied by the machine with the footrest open.	720 mm.
E:	Distance between the footrest and the seat.	530 mm.
F:	Distance between the footrest and the top of the backrest. of the backrest.	1.080 mm.
G:	Wide backrest.	380 mm.
H:	Distance between armrests (externally)	600 mm.
J:	Distamnce between the backseat and the wall	195 mm.
K:	Seat depth	365 mm.
L:	Distance between the top of the footrest to the floor.	90 mm.

NOTE: Options of standard colours SSCB-2 Model: Brown

Stairlift Chair

Straight Model



Outdoor model without padding

Max. speed	0,12 m/s.
Drive system	Rack and pinion
Engine power	280 W.
Weight capacity	125 kg. (146 kg. load increase)
Batteries	2 batteries of 12 V; 24 V in total
Management	Joystick control
Inclination of the staircase	From 28° to 53° (from 28° to 45° load increase)
Certification:	Machine directive 2006/42/CE y EN 81-40
Automatic shutdown	Yes.
Footrests:	Yes.
Retractable seat belt	Yes.

NOTE: not available in other finishes, grey colour (standard)



Straight-leg chair (Oriented images NOT BINDING)

SER Inclined Platform

Accessibility

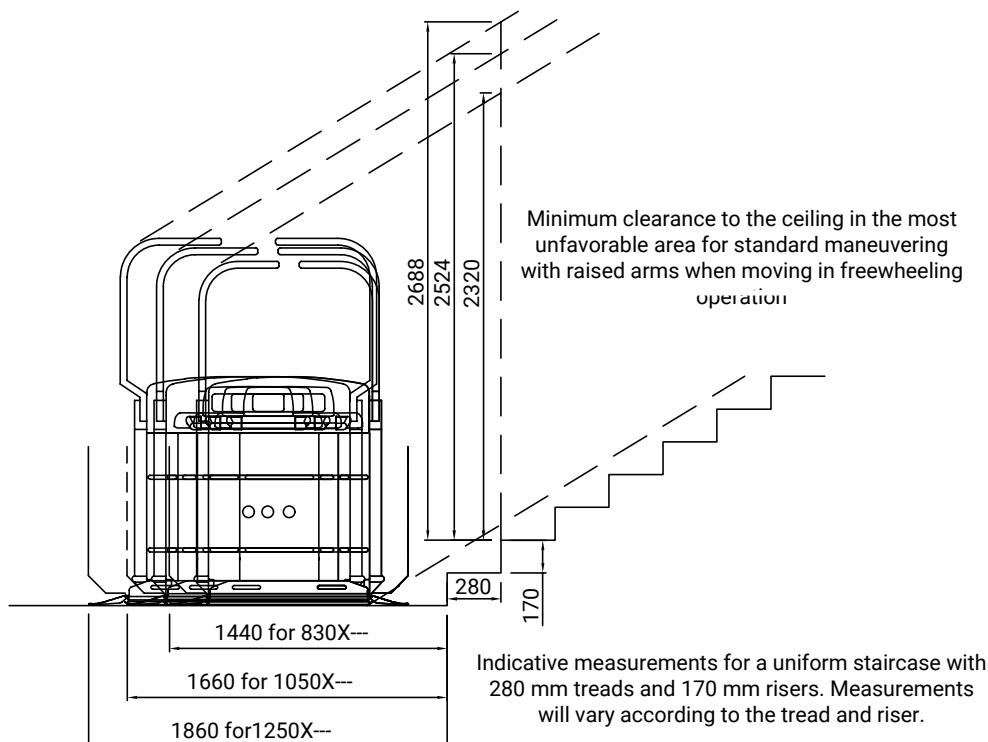
Embarba's solutions for overcoming architectural barriers are renewed in the aesthetic finishes, improving their functionality and use. Stairlifts with platform for straight stairs (SER model) and curved stairs (SPV model) are ideal systems to ensure access and mobility both in public buildings (banks, restaurants, offices, museums, institutes) and in private buildings (apartment buildings, villas, etc.). Three different models are available depending on the size of the stairs and landings.

SER- INDOOR AND OUTDOOR MODEL

	Standard	Length	Extra Length
Minimum stair width	970 mm.	1.040 mm.	1.070 mm.
Slope admitted	From 0 to 50°	From 0 to 50°	From 0 to 50°
Minimum space occupied guide	100 mm.	100 mm.	100 mm.
Minimum footprint enclosed platform	370 mm.	370 mm.	370 mm.
Platform Dimensions	830x700 mm.	1.050x770 mm.	1.250x800 mm.
Useful weight capacity until 45°	250 kg.	250 kg.	250 kg.
Useful weight capacity more than 45°	200 kg.	200 kg.	200 kg.
Speed:	5 m/min.	5 m/min.	5 m/min.
Supply	230 V.	230 V.	230 V.
Consumption:	0,75 kW.	0,75 kW.	0,75 kW.

The data are merely indicative. embarba reserves the right to make any changes considered necessary.

- According to European Directive 2004/108 CEE electromagnetic compatibility
- According to European Directive 2006/95/CEE- Low tension
- According to European Directive 2006/42/CEE- Machines' Directive



NOTE: Oriented images NOT BINDING



SER for outdoor



SER (reduced dimensions)



SER for indoor

SVP Inclined Platform

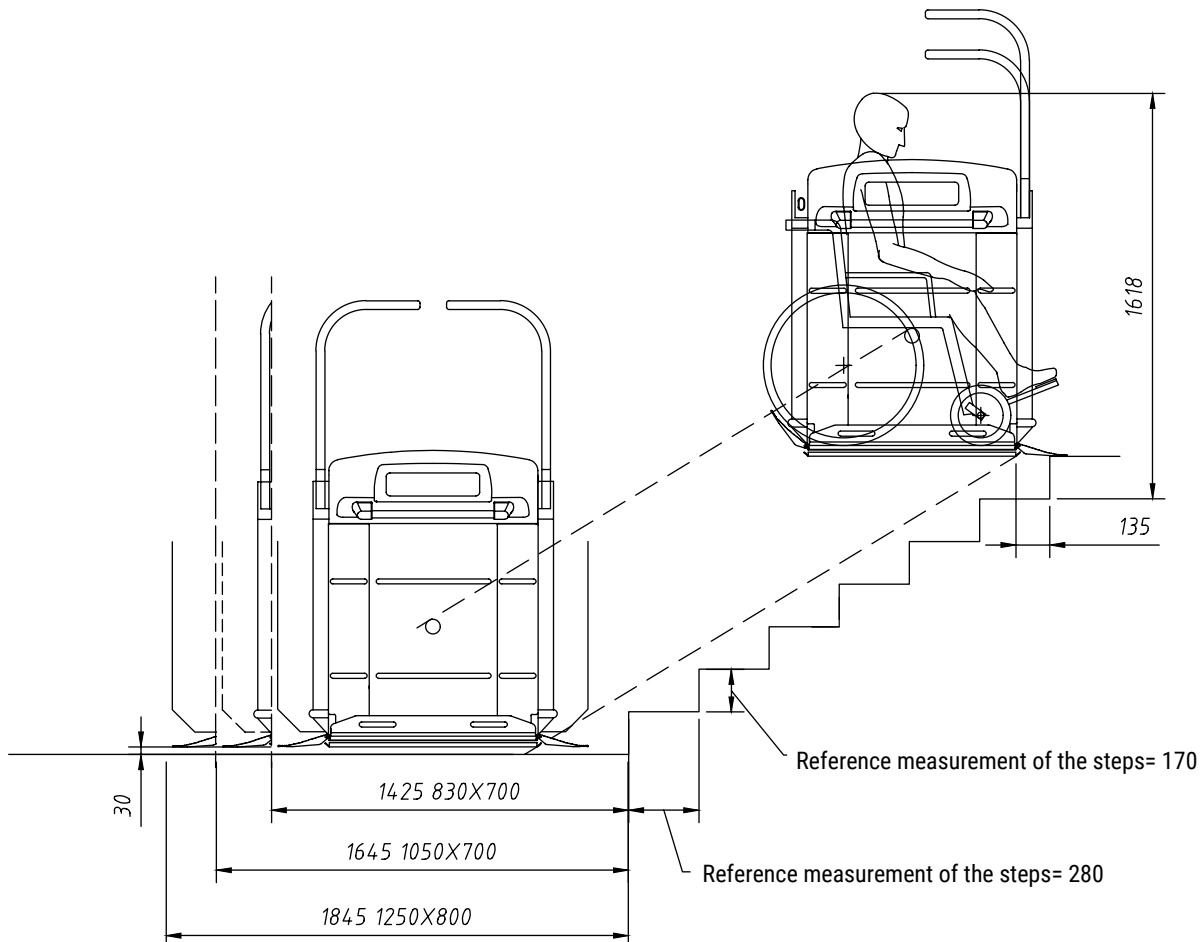
Accessibility

SPV- INDOOR AND OUTDOOR MODEL

	Standard	Length	Extra Length
Minimum stair width	1.130 mm.	1.250 mm.	1.320 mm.
Slope admitted	From 0 to 50°	From 0 to 50°	From 0 to 50°
Minimum space occupied guide	160 mm.	160 mm.	160 mm.
Minimum footprint enclosed platform	430 mm.	430 mm.	430 mm.
Platform Dimensions	830x700 mm.	1.050x770 mm.	1.250x800 mm.
Useful weight capacity until 45°	250 kg.	250 kg.	250 kg.
Useful weight capacity more than 45°	200 kg.	200 kg.	200 kg.
Speed:	8 m/min.	8 m/min.	8 m/min.
Supply:	230 V.	230 V.	230 V.
Consumption:	1 kW.	1 kW.	1 kW.

The data are merely indicative. embarba reserves the right to make any changes considered necessary.

- According to European Directive 2004/108 CEE electromagnetic compatibility
- According to European Directive 2006/95/CEE- Low tension
- According to European Directive 2006/42/CEE- Machines' Directive



NOTE: Oriented images NOT BINDING



Outdoor SPV



Indoor SPV

HDP Vertical platform(*)

Accessibility

(*) In order to comply with CTE DB-SUA 9 Accessibility regulation, the shaft must be enclosed for any travel.

Platforms designed and intended for the vertical transport of people with reduced mobility, ideal for facilities or places such as single-family homes, doorways, commercial premises or residences.

HDP Basic setting:

- Alarm button in car console
- Pressure switch for platform overload control, with indicator light on the car console
- Photocells in the access to the car
- Auxiliary emergency power supply for power failures (UPS), allowing the platform to be lowered to floor 0, with all safety elements activated
- Single acting hydraulic cylinder (diver type) or synchronised telescopic
- Automatic re-leveling on the way up, on all floors, even when the doors are open. On the upper floor it will also re-leveling on descent
- Automatic lifting of the platform, by a few centimetres, when the tray safety system comes into lifeguard operation
- Simplification of the control wiring in rails, with all connections centralised in the car
- Hydraulic power unit with solenoid valve with soft start/stop and manual emergency lowering button
- Platform equipped with protections, 1,200 mm. high, finished in metal sheet and glass
- Stainless steel handrail
- Pre-assembled 24V constant pulsation control unit
- On/off switch
- Landing door: Big vision panel, 800x2000 mm, in first stop and 800x1200 mm, in last stop
- Car door: No car door
- Stainless steel cabinet for control and hydraulic unit, including 3,000 mm installation
- Not suitable for outdoor use, in which case it must be protected
- Polyester based powder coating finish RAL 7035, combined with RAL 9005
- Shaft lighting (EN81-41)
- In-car telephone for bi-directional communication (EN 81-41)
- Maximum travel: 3000 mm

Security system:

- Anti-crushing device under the platform
- Pressure switch for platform overload control.
- Photocells in the access to the car
- Emergency power supply for power failures (UPS)
- It will allow the platform to be lowered
- Hydraulic parachute
- Safety strut
- Stop in pit (EN 81-41)

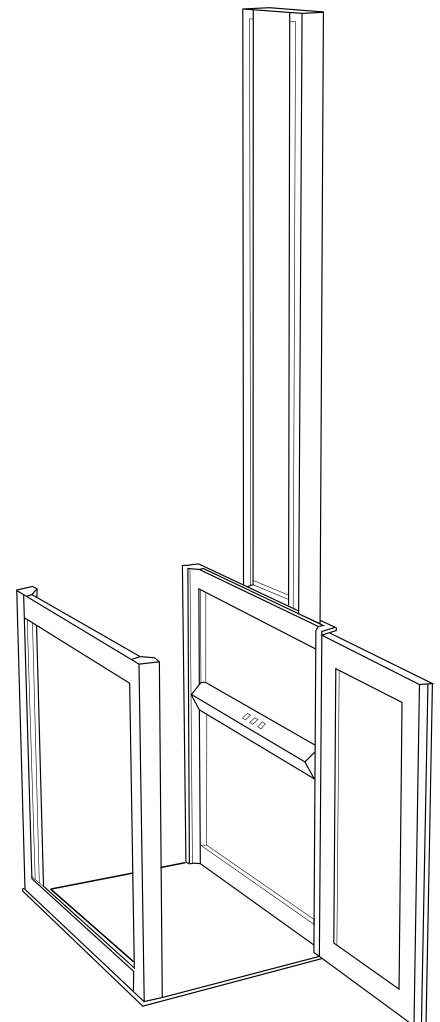
Regulatory compliance:

- Installation in enclosed shaft up to a minimum height of 1,200 mm above the top stop in the case of an overhead door in the last stop
- Shaft closed up to a minimum height of 2,000 mm above the last stop in case of a 2,000 mm high door on the last landing
- The shaft shall have smooth interior walls.
- According to CTE DB SUA/2 and UNE EN81-41

Optional:

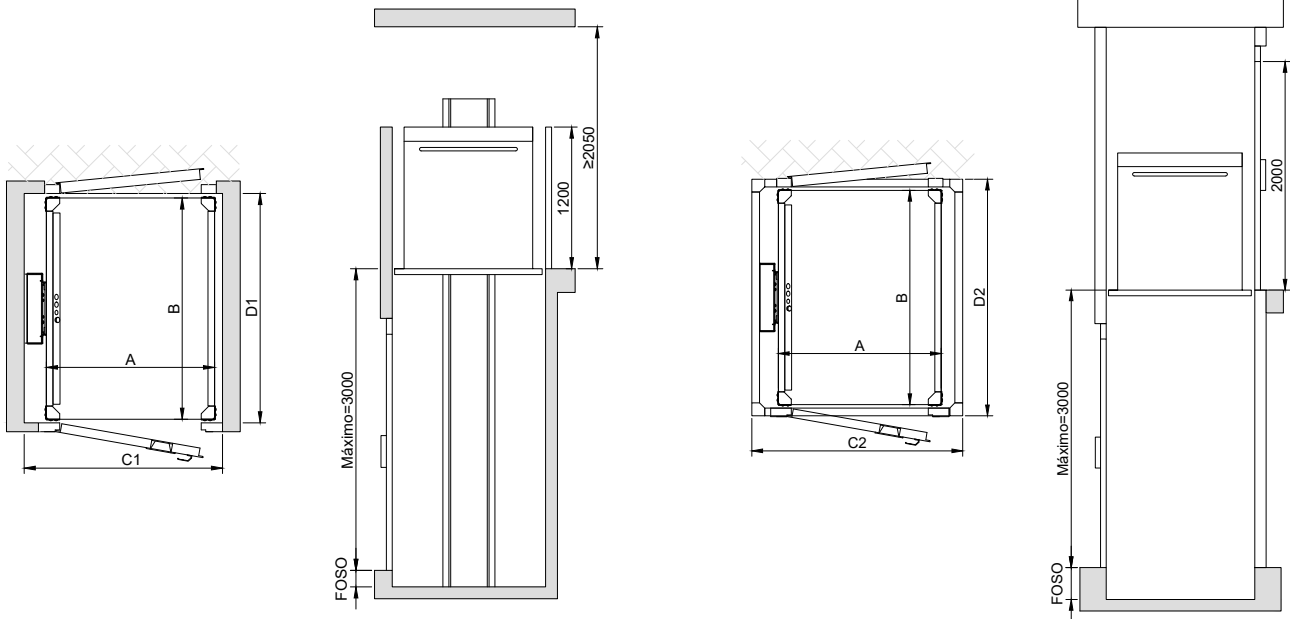
- Non-slip aluminium floor
- Blind sheet metal, transparent or tinted glass, interior or outdoor
- Stainless steel and glass platform finish
- Key in landing COP

NOTE: Oriented images NOT BINDING



Technical specifications						Platform dimensions		Free internal shaft		Shaft with structure		
Model	Weight (kg)	Speed(m/s)	Max.travel (mm.)	Access (mm.)	Landing	A (width)	B (depth)	C1 (width)	D1 (depth)	C2 (width)	D2 (depth)	pit (mm.)
HDP	300	0,10	3.000	800	Simple (3)	950	1250	1180	1380	1290	1435	150
						1100	1400	1330	1530	1440	1585	250
					Double 180°	950	1250	1180	1300	1290	1410	150
						1100	1400	1330	1450	1440	1560	250
					Double 90°	1250	1250	1400	1380	1510	1490	250
						1100	1400	1250	1530	1360	1640	250

- (1) Internal dimensions of shafts without enclosure. Enclosure to be provided by the customer
- (2) External shaft dimensions with metal frame enclosure supplied by Embarba
- (3) Dimensions of the opening for the location of the guide on the side. For guides at the back, please consult us



Stainless steel and glass enclosure to be provided by the client



Shaft enclosure with self-supporting structure (optional)





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