

agility • safety • efficacy • technology • quality



DomesticLift

Vertical elevation platform



*By professionals,
for professionals*



Our star product

This is a personal lift that can be installed either in homes or at the workplace. The hydraulic equipment is exclusively designed for carrying people, providing an unprecedented level of comfort. In addition to complying with European Regulation 81/41, it also guarantees maximum safety.



• Advantages

Maximum safety: we have extensively studied its structure in order to guarantee the lift safety levels.

Custom-designed to meet your needs: we offer a wide range of models to ensure that the finishes meet your specific needs.

Energy efficiency: it operates with any household socket and incurs minimal expenses, consuming as much energy as a hairdryer.

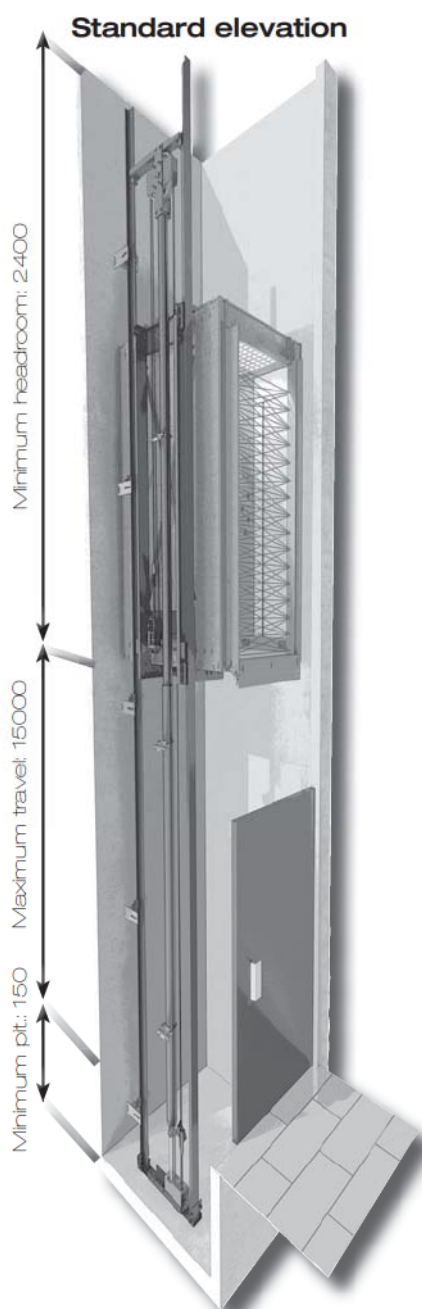
Optimisation of space: takes advantage of up to 70% of the shaft for the lift car.

Emergency: equipped with a rescue system that enables the evacuation of people in case of a power outage.

Gearless: Ask us for the new Gearless Domestic Lift



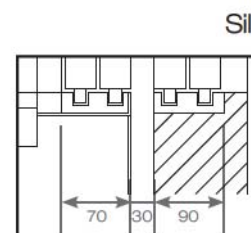
Technical Information



Minimum pit	150 mm.
Maximum travel	15.000 mm.
Minimum headroom	2.400 mm. ⁽¹⁾

⁽¹⁾ In case the car is supplied without doors.

Obligatory prefabricated cupboard (Model E400) or Machine room.



General specifications		Interesting data	
Hydraulic indirect acting	2:1	Unlocking zone	100 mm.
Speed	0,15 m/s	Upron height	100 mm.
Car frame	UF-400		
Car rail guides	T70		
2 ropes Seale	10x19+1		

Car operating panel

Vertical plate, horizontal or column shaped.

Operating panel elements

- Push buttons on landings: In case the car has no doors, they will have to be continuously pressed in order to move the domestic lift.
- Alarm button.
- Stop button.
- Restricted use of key switch. Without key switch the lift does not work.
- Lift specifications plate.

Landing operating panels

Supplied with push button or with a key switch.

Communication system

Own home landline telephone set.

Public buildings

Bidirectional communication.

Guarantee

CE Type test.

Directive 2006/42/CE
Harmonised standards

EN-ISO 12100-1
EN-ISO 12100-2
EN-14121-1
EN-60204
EN-81-41
EN-12015/12016

Manufacturing declaration for car.

Manufacturing declaration for hydraulic lift frames.

Certificates according to component standards:

- Landing doors lock.
- Safety gear valve.
- Instant safety gear IT 100 - S.
- Fire door tests.
- Hydraulic hose test certificates.

Safety

Detection system

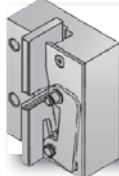
Security detection system installed on the lowest floor door. Will operate when using the emergency key, driving the contact switch which avoids the car motion and **roof jamming**.

Auto levelling system



Avoids height differences between car and landing floors.

Instantaneous safety gear system



Certified device acting in case of breakage of one of the two ropes, taking care of user's safety.

Mechanic stop in pit and headroom.



Placed in the guide, it shall decline not more than entering the pit or rise to the car ceiling in order to stop so that car can be caught in the pit or in the headroom by the maintainer.

Safety Gear Valve



Hydraulic equipment is provided with a certified valve, acting instantaneously in case of leak or breakage of the hydraulic circuit.

Stop button in pit



To **stop** electrical flow before entering the shaft.

Overweight pressure switch



Installation includes a pneumatic pressure switch with an acoustic buzzer avoiding car motion in case of overweight.

Machine room

In case of no space in the building for the machine room, a cabinet can be provided. Perfect for reduced spaces and easy to install.



Safety without doors



Without doors in car a light curtain avoids the car to start or stops its movement, if it detects a obstacle in the working zone.

Door safety



With automatic car and landing doors a photocell avoids user to be hit by the door.

Security upron



Security upron in lift car avoids shaft trapping.

Detection system

Security detection system installed on the lowest floor door. Will operate when using the emergency key, driving the contact switch which avoids the car motion and **shaft jamming**.

Floor lowering security system

In case of a power outage, the emergency light in the car turns on. The passenger can get off at whatever inferior level, pushing the button of the desired level.

Comfort

Silent contactors

We offer the possibility to add silent contactors in the electrical board.



Motor

It's offered the possibility to have the motor submerged in oil to reach a noise reduction of 6 Db. 2 speed motor (0,15/0,0375), for a better stop comfort.

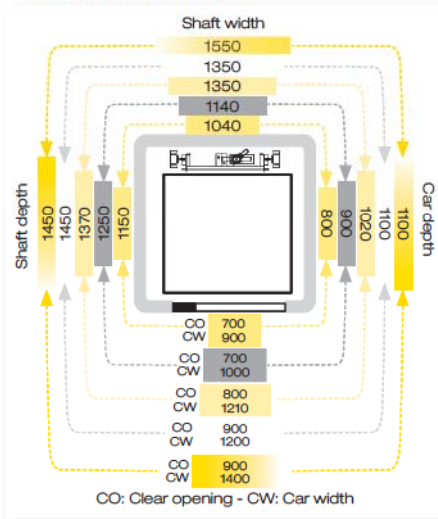
Double security valve

Hydraulic kit with double valve system to avoid car uncontrolled movements in case of mechanical failure of the main valve.

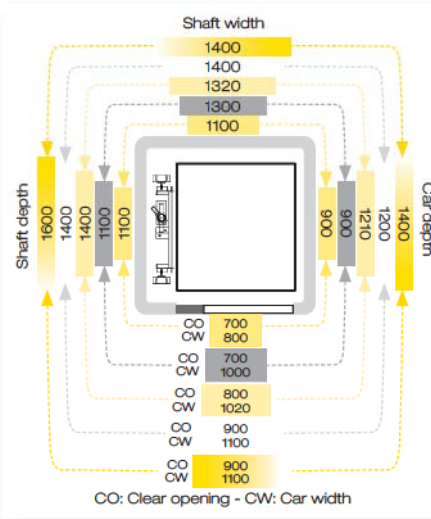
 Optional

Drawings of landing

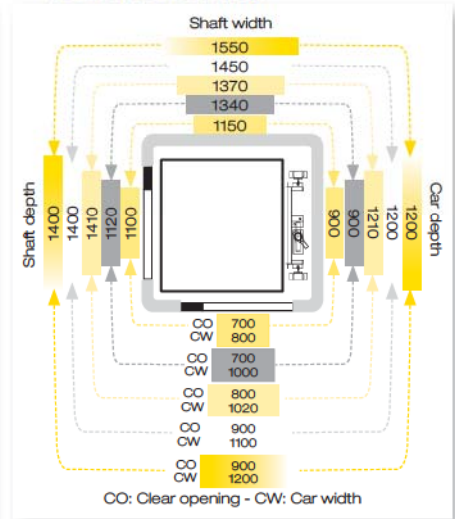
1 Entrance back car frame
Semi-automatic door



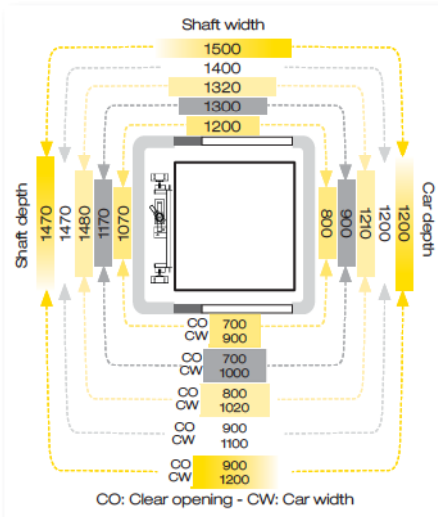
1 Entrance side car frame
Semi-automatic door



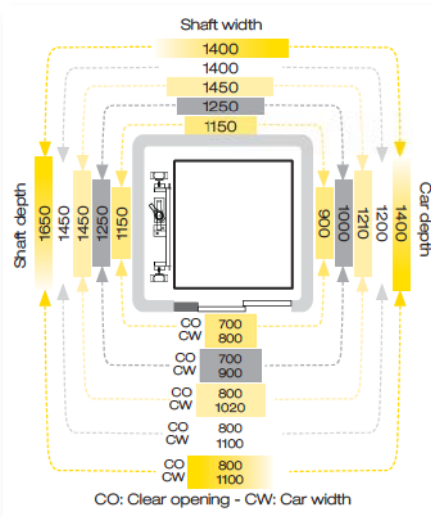
Double entrance 90° side car frame
Semi-automatic door



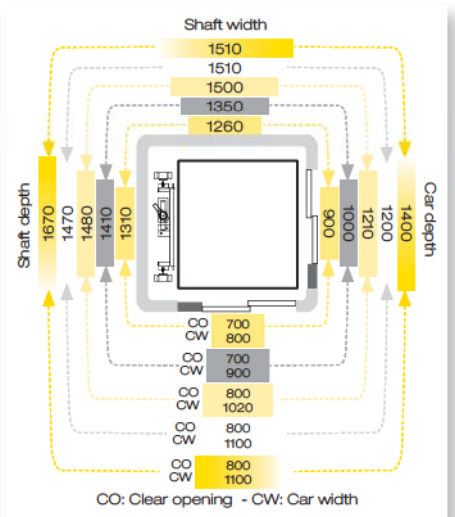
Double entrance 180°
Semi- automatic door



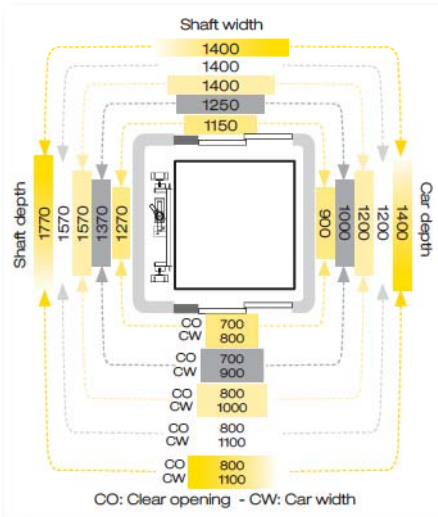
1 Entrance side car frame
Automatic door*



Double entrance 90° side car frame
Automatic door*



Double entrance 180°
Automatic door*



180 Kg	1 person
225 Kg	2 people
325 Kg	3 people
350 Kg	1 person with wheelchair + 2 people
385 Kg	1 person with wheelchair + 3 people

* 3 panels side opening in case of 180kg, in other loads 2 panels side opening

Decoration

 Standard

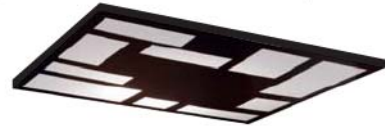
 Medium

 Premium

Rang finitions:

Ceilings

 Perforated plate



Type 3



Type 4



Type 5

Panels

 Skinplate



Creme



Grey

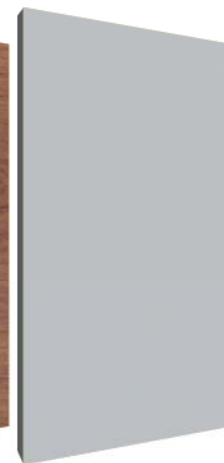


Stainless Steel

 Melamines



Cherry tree



Grey



Beech

Floors

 Rubber circles



Black



Grey



Blue

 Nonslip rubber



Beige



Black



Grey

 Linoleum



Dark Grey



Black

 Stainless Steel



Teardrop Plate

Notice: Possibility of delivery of car with galvanized sheet for its complete decoration.

Shaded glass



Skinplate with halogen lights



Stainless steel with halogen lights

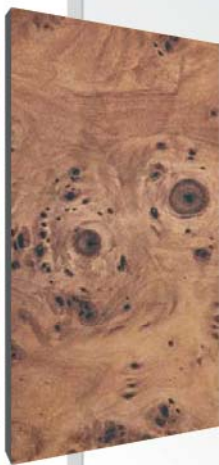


Polished stainless steel or satin.
Option LED

Laminado



Beech



Ambar Erable



Blue China

Stainless



Satin

Glass



Entire panel



Vinyl

Granit



Porriño pink



Cristal white



Pearl grey

Pergo (wood)



White Pine



Dark Poplar Bark

Aluminium



Damero

Silestone



Dafne beige



Expo grey



Stellar black

Imagine

Car operating panel (C.O.P.)

Epsilon series



Glass



Handrail type



B50 series



Retro position indicator



Buttons



Bas 120



Epsilon



B 50 Q
(50 x 50 mm)



B 50 R
(50 x 50 mm)

Handrail



Tubular curved skinplate



Tubular curved
stainless steel



Tubular straight
(to be placed only in front of the entrance)

Mirrors



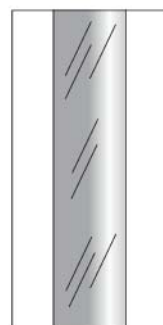
1/2 height



3/4 height



Complete



Vertical slat

Stainless steel finishing.
*Ask for other
finishing (destressed white,
bronze)

Doors

Semiautomatic



 Vision panel



 Big vision panel



 Complete glass

Automatic



 Primed, * stainless steel




 Big vision panel




 Folding door
Big vision panel




 Complete glass
stainless steel frame

Door finishings



 RAL 7032**



 Stainless steel
satin



 Stainless steel
pigskin



 Stainless steel
gold

* The prime of the doors allows repainting according to the home decoration.

** Availability of diferent RAL colours. Please ask.

The customer can integrate the landing operating panel in the wall.

Car options

M03 - L03



Walls



Cherry Tree
Melamine



Formica
Seringa 2273

Floors



Nonslip rubber
beige



Nonslip rubber
black

Panoramic



Walls



Melamine
creme



Formica
Ambar Erable

Floors



Nonslip rubber
beige



Linoleum
dark grey

I01



Walls



Satin steel
stainless



Gold steel
stainless

Floors



Granit black
South Africa



Rubber circles
black

Elegance



Walls



Formica
Stony Sand



Formica
Beech

Floors



Dark Poplar
Bark



Silestone
Dafne beige

S01



Walls



Skinplate
grey



Skinplate
creme

Floors



Rubber circles
black



Nonslip rubber
black

Ocean



Walls



Green steel
stainless



Gold steel
stainless

Floors



Silestone
Expo grey



Silestone
North white

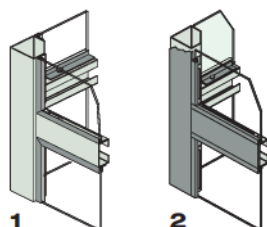
Structures

The structures for elevators provide us with a standardization and flexibility which entails certain advantages:

- **Standardization:**
 - Simple and swift installation process.
 - Swift and punctual delivery.
- **Flexibility:**
 - Adaptability to different types of installations and buildings, with structural liberty.
 - Wide range of finishing (stainless steel, zinc coating, galvanizing, etc). There are also standard finishing for glass and metal (matt or glossy finishing).
 - Wide colour spectrum with powder coating (epoxy).
 - Solutions according to the necessities of the customer.

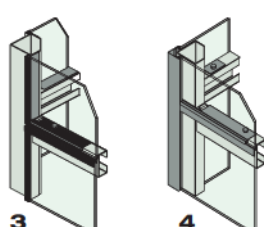
- **Enclosures:**

Inside



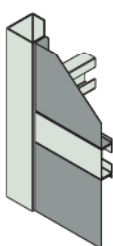
1. Frame steel sheet / aluminium
2. Frame steel sheet / aluminium + Cladding structure

Outside



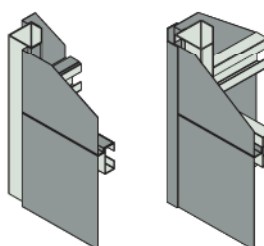
3. Frame steel sheet / aluminium
4. Frame steel sheet / aluminium + Cladding structure

Inside



5. Continuous enclosure

Outside



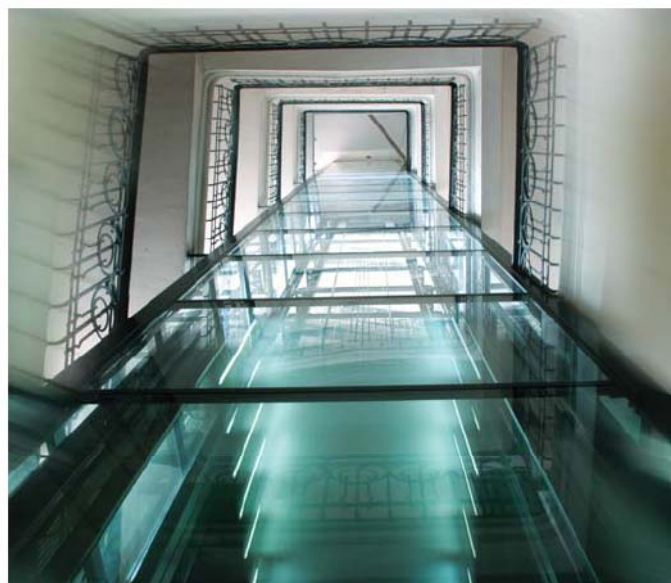
6. Continuous enclosure
7. Continuous enclosure + Cladding structure

- **Colours:**

Availability of different RAL colours. Please ask.



Speciali Model



R2 Model

- **Standard Finishing:**

Glitter finishing (matt)

Glossy finishing



Barcelona • Lisbon • Madrid • Seville • Valencia



Headquarters Spain

Parque Empresarial Táctica
C/ Coeters, 27
46980 Paterna
Telf.: (+34) 961 345 379
Fax: (+34) 961 345 351

E-mail: export@raloe.com

www.raloe.com

Available in different languages



092011