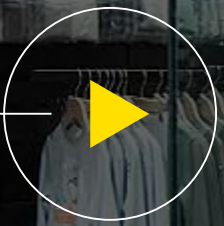


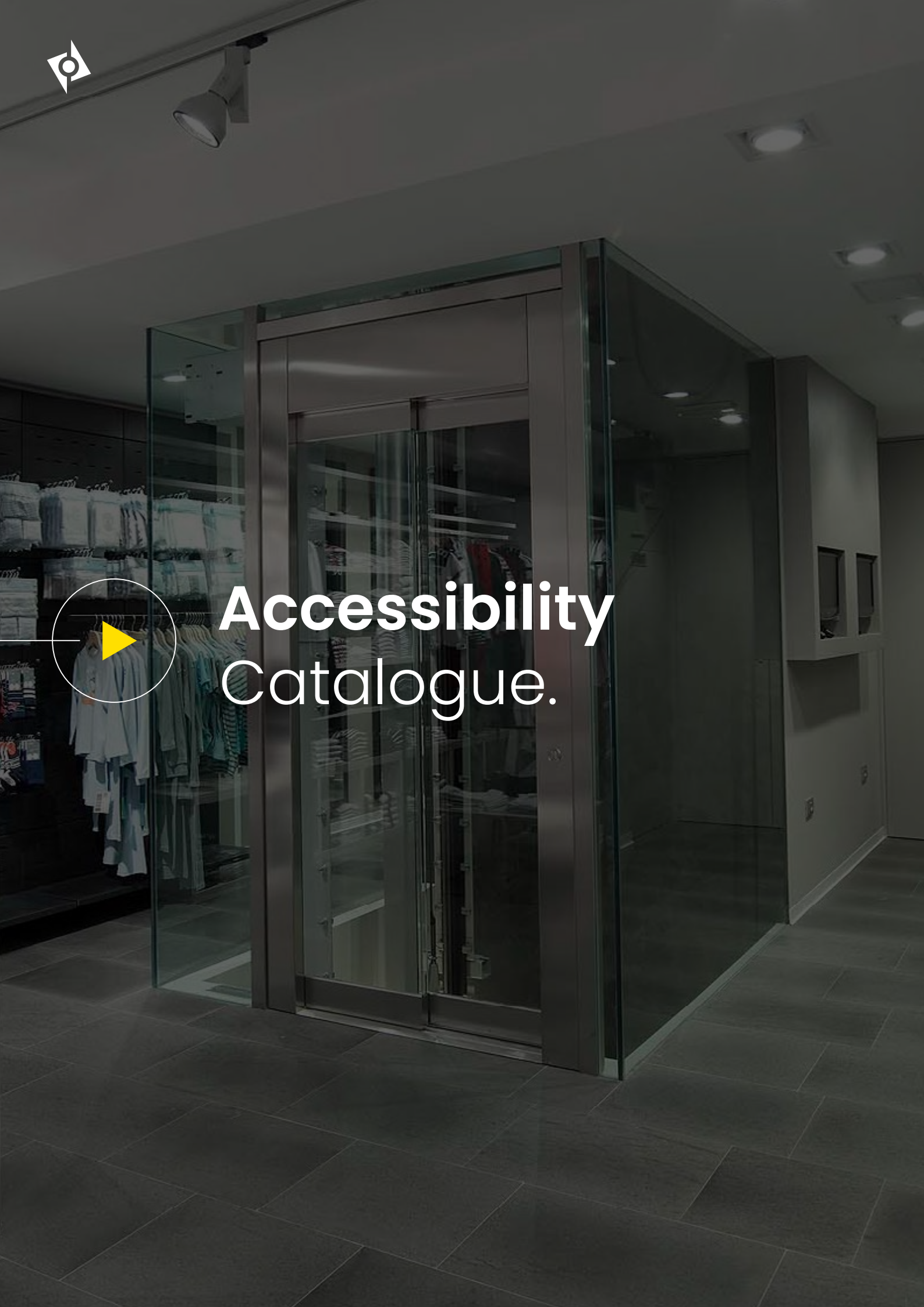


# Your Partner In Lift Solutions.

Accessibility Catalogue.



# Accessibility Catalogue.





# Index

01	▶	<b>Platform Lifts</b>		
		1.1 Voltec	—	04
		1.2 Armony	—	08
		1.3 Armony Lite	—	12
		1.4 Stylus	—	16
		1.5 Stylus SX	—	20
02	▶			
		<b>Finishes</b>		
		2.1 Lift Car Models & Styles.	—	24
		2.2 Lift car finishes.	—	32
		2.3 Doors	—	38
		2.4 Fixtures	—	41
		2.4.1 Car Operating panels		
		2.4.2 Landing operating panels		
		2.4.3 Pushbuttons & indicators		
		2.4.4 Indicators		
		2.5 Structures	—	44



## 1.1

## Voltec

Electric lift in compliance with the machinery directive 2006/42 CE with multiple possibilities of cabine decorations with a load range up to 500 kg.

### ► Applications

**Residential**  
**Removal of architectural barriers**  
**Accessability**

## Advantages

**Maximum safety:** With brake on the slow machine shaft to control uncontrolled movements. TPU coated traction ropes.

**Very quiet and comfortable operation.**

**Without machine room:** Control panel integrated in the door frame, with the inverter located in the shaft.

**Integral controller cabinet option on the landing.**

**Decorative versatility:** Without restrictions in car decorations.

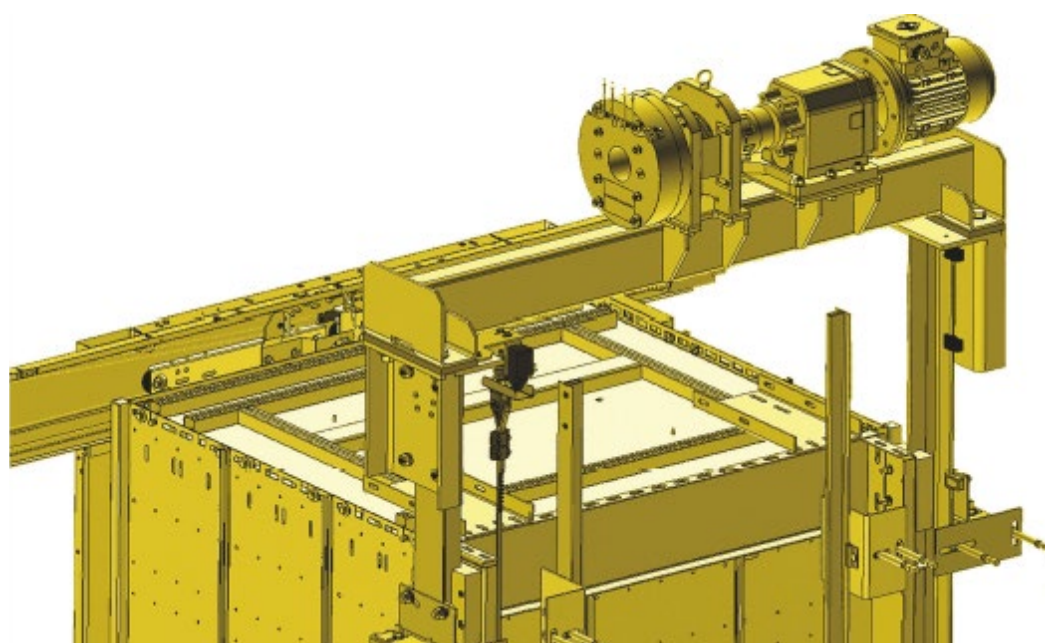
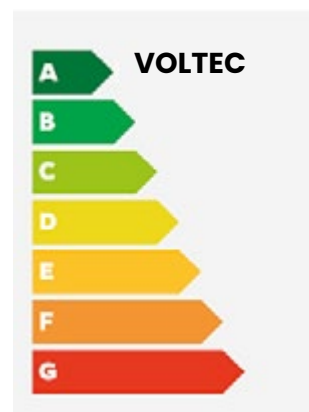
**Single phase:** It works in any 240V single phase socket.

**Space-optimised:** Maximum optimisation of space. Like a hydraulic solution.

**Emergency:** Equipped with a rescue system that allows to evacuate the passengers even when there is no electrical supply.

**No oil in the shaft.**

**Perfect for high traffic.**





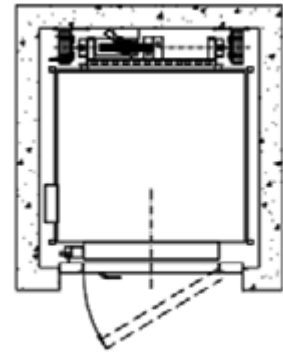
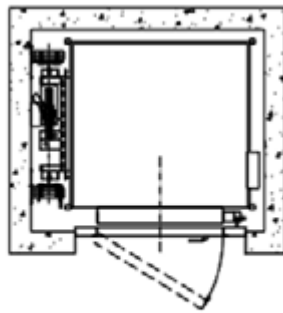
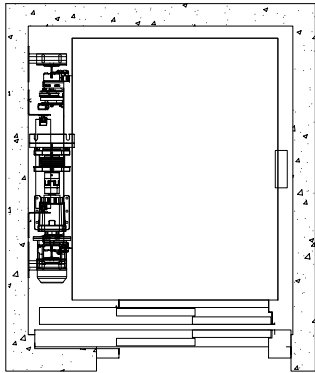
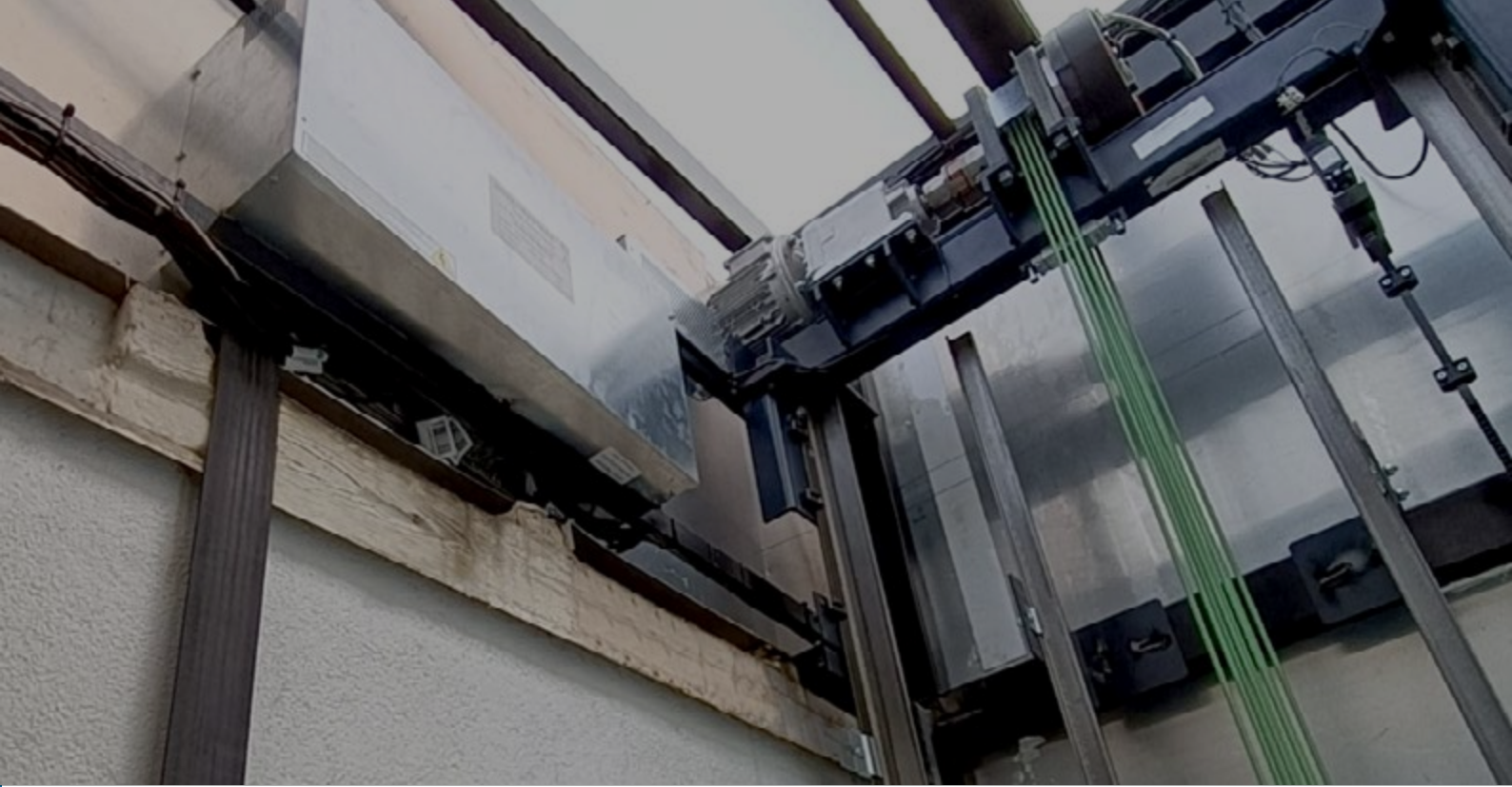
## Technical Features

<b>Rated Load (Kg)</b>	300 - 500	
<b>Rated speed (m/s)</b>	0,15-0,30	
<b>Suspension</b>	1:1	
<b>Power (KW)</b>	0,75	
<b>Machine Room Y/N</b>	YES / MRL with control panel in the door frame	
<b>Car entrances</b>	0 - 90° - 180° - 270°	
<b>Max. Travel (m)</b>	15	
<b>Minimum Pit`s (mm)</b>	Q ≤ 400 Kg	150
	Q > 400 Kg	200
<b>Minimum Headroom (mm)</b>	2.525	
<b>Type of Doors</b>	With or without car door Landing doors Automatic and semi-automatic	
<b>Power supply</b>	Single-Phase	
<b>Car models</b>	All	
<b>Panoramic Lift</b>	Yes	
<b>Cabin surface</b>	Up to 2m <sup>2</sup>	



**WITHOUT  
MACHINE  
CONTROL**

Control panel integrated in the door frame and car door design.



TPU coated traction ropes.  
With brake on the slow  
machine shaft.

Inverter located in the shaft.  
Integral controller cabinet option on  
the landing.





## 1.2

## Armony

It is the most versatile home lift with a wide range of possibilities to decorate your lift car and loads up to 500kg.

### ► Applications & uses

**Residentials**

**Removal of architectural barriers**

**Accessibility**



## Advantages

### Maximum safety:

We have exhaustively studied its design to guarantee that this lift model incorporates the highest security standards.

### Decorative versatility:

Extensive catalogue of possibilities and finishes

### Single-phase:

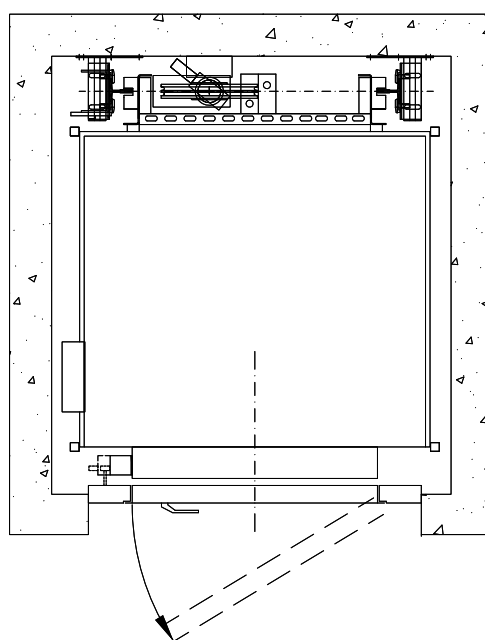
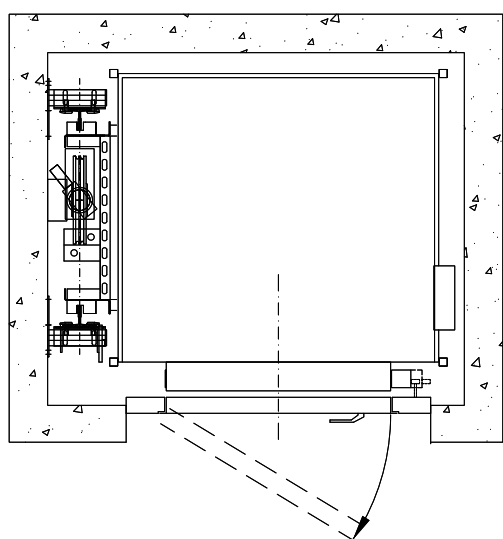
It works on any single-phase 220 V socket outlet.

### Space optimization:

Uses of up to 80% of the shaft.

### Emergency features:

Equipped with a rescue system that allows passengers to evacuate even in the event of a power supply failure.





## Technical Features

Rated Load (Kg) 180 - 500

Rated speed (m/s) 0,15

Power (KW) From 2,2

Machine Room Y/N Yes / Power unit in Cabinet

Car entrances 0 - 90° - 180° - 270°

Max. Travel (m) 24

Minimum Pit's (mm) Q ≤ 400 Kg 135  
Q > 400 Kg 150

Minimum Headroom (mm) 2.285 Without Lift Car door.

Type of Doors With or without automatic car doors  
Automatic and semi-automatic  
Landing doors

Power supply Single-Phase\*

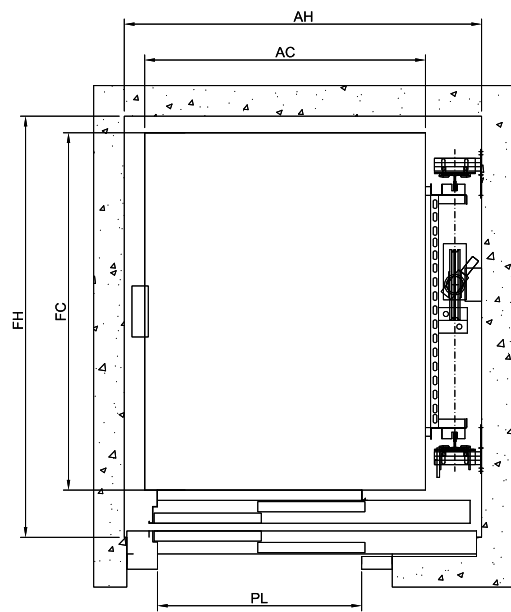
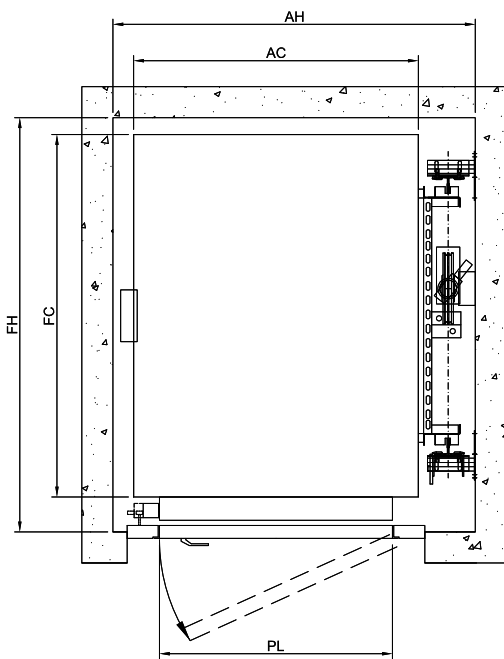
Panoramic Lift Yes

Cabin surface Up to 2m<sup>2</sup>

\*Three-phase power supply also available



**Optional:**  
With cabin door.



## Multi-purpose single cabinet

Our single cabinet KIT incorporates fully assembled & pre-wired both the hydraulics & control panel of the lift. The Plug & Play wiring makes very easy the installation and commissioning of the job, and everything comes tested from factory.



## 1.3 Armony Lite

Armony Lite is the hydraulic home lift with the best value for money of the market.

**Car Lift Styles:**

Dynamic and Optima Models.

**Option:**

With cabin door.



**Best cost-effective option for a Home lift.**

**Sturdy, Compact frame & lift car.**

**Easy assembly from inside the lift Car.**



► **Types of Cabins Armony Lite**



**Dynamic**



**Optima**



## Technical Features

<b>Rated Load (Kg)</b>	180 - 385
<b>Rated Speed (m/s)</b>	0,15
<b>Power (KW)</b>	From 2,2
<b>Machine Room Y/N</b>	Yes, Power unit in Cabinet
<b>Car entrances</b>	0° - 90° - 180° - 270°
<b>Max. Travel (m)</b>	15
<b>Minimum Pit (mm)</b>	100
<b>Minimum Headroom (mm)</b>	2.450
<b>Type of door</b>	No Cabin Door Automatic or semi-automatic on landing.
<b>Power supply</b>	Single Phase*
<b>Car models</b>	Dynamic / Optima
<b>Panoramic</b>	No

\*Three-phase power supply also available





# Your Partner In Lift Solutions.



Stylus Is a Vertical stair lift that is easy to install and provides an optimal ride comfort.

### Stair lift STYLUS

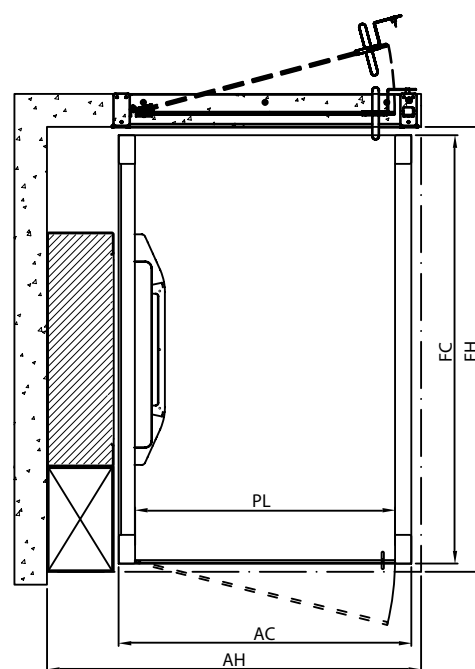
The stylus stairlift is a RALOE product **designed to easily overcome architectural barriers** that provides access to buildings or mobility at home for those with reduced mobility or needing a wheelchair for their everyday life.

**Compact, robust and ergonomic**, the STYLUS is compliant with the European Machinery Directive 2006/42/CE or the norm EN 81-41.

#### ► Applications & uses.

- Residentials
- Removal of Architectural barriers
- Accessibility





## Technical Features

<b>Rated Load (Kg)</b>	Up to 500
<b>Rated Speed (m/s)</b>	0,15*
<b>Travel (m)</b>	Up to 12
<b>Power (CV)</b>	2
<b>Minimum Pit (mm)</b>	130
<b>Power supply</b>	Single Phase

\* VVVF control going up and Hydraulic Valve with 2 speeds going down for outstanding energy efficiency.



## Features

**Hydraulic** power unit with VVVF inverter control and two speeds valve going down. Automatic re-levelling.

**Column** made of galvanized metal profiles every 500 mm, specific lift guide rails to guarantee a perfect chassis guiding and compliance with metal bending requirements according to EN81-20 standard.

**Traction:** 1:1, by means of a direct-acting hydraulic cylinder (up to 1.5 m travel and 2-stage telescopic, up to 3.0 m travel). For projects up to 12 m travel, hydraulic cylinder with 2:1 roping. With closed shaft and unitary verification.

**Car Frame** made of galvanized metal profiles and zinc-plated steel pallets.

**Integrated COP**, handrail type. Push buttons with Braille and acoustic indication for overload and emergency.

**Doors:** Self-supporting door frame with tubular profiles and tempered glass. Electric security lock with triangular key release.  
Height 1200 mm or 2000 mm.

**Control panel** with programmable and configurable automaton. 2 lines for viewing the status of the lift and simple programming. Pre-assembled and constant pulsation system.

**Hydraulic power** unit with motor powered by 240 Vac single-phase input voltage, ultra-quiet spindle pump and high-performance mechanical valve.

**Maximum number of stops 4.**

**Standard dimensions:** 900x1300 mm 180 or (800x1300 mm inside).



## Security Systems

**Automatic rescue** system with UPS.

Anti-crushing device located under the cabin.

Certified **rupture Valve** EN-81.20 (on 2:1 projects)

**Mechanical weighing** device.

**Constant pressure** pushbuttons for secured platform movement.

**Rescue system:** by 240 VAC UPS, operating in down direction only in case of power supply failure.

**Electric lock actioned** by a triangular Key.

**Anti-slip lift car flooring**

**Bellow option**



**In Raloe we have a product focused on overcoming the architectural barriers** that prevent access to people with reduced mobility on short distances.

**Compact, robust and ergonomic design.** In accordance with the European Machinery Directive 2006/42/CE

## ► Applications & uses

**Residential  
Removal of Architectural Barriers  
Accessibility**



## Technical Features

<b>Rated Load (Kg)</b>	Up to 385 kg depending on sizes
<b>Speed Load (m/s)</b>	0,15
<b>Travel (m)</b>	Up to 1
<b>Minimum Pit (mm)</b>	130 no ramp required
<b>Power supply</b>	Single-phase 220 Vac. Up to 1,5 KW, 12A.



## Features

**Frame made** of tubular metal profiles and chequer plate metal sheet. Platform guiding by machined steel parts.

**Open car with side enclosure** at 1.2 m high or platform with fall prevention toe guards and guiding by curved steel tubes.

**Access to the platform by means** of mechanical or electrical ramp; for 130 mm minimum pit depth no ramp is required.

**Electric security** lock with triangular release key.

**Push button integrated** in doors, avoiding external installations. Adjustable latch bolt to secure the lock. Cylindrical silent block locking damper.

**Car operating panel integrated** in the handrail. Joystick, operating status LED and overload light.

**Control panel** and hydraulics cabinet. Control by means of programmable and configurable automaton. 2 lines for viewing the status of the lift and easy programming.

**Traction by means** of 2 single-acting hydraulic cylinders and central with silent screw pump and rupture valve regulated and certified according to EN 81-20 & 50.

### Sizes:

900 x 1.540 mm (800 x 1.540 mm interior).

1.000 x 1.540 mm (900 x 1.540 mm interior).

1.200 x 1.540 mm (1.100 x 1.540 mm interior).

**Factory set** rupture valve in compliance with EN 81.20.

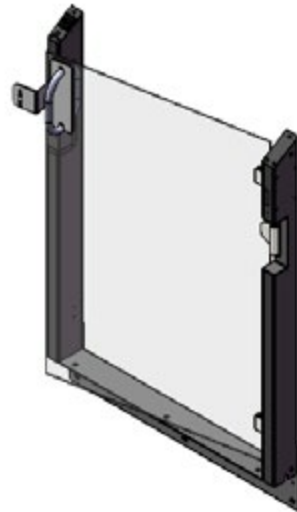
**Electric security** locks with presence and bolt control and triangular release key.  
Hydraulic load weighing device.

**Permanent pressure** type push buttons with braille and light.

**Emergency STOP.**

**Perimeter protection bellows** with sensitive edges for improved safety.

**Battery-operated rescue system;** operation only when lowering in the event of a power failure.



## Options

**Landing operating panels:**  
Key-switches.

**Pushbutton:** (standard)

**Wireless pushbutton**

**Car entrances:** 90°, 180°, 270°  
Telephone in cabin.  
Photocells on handrails.  
Photocells in car entrances

**Doors:** Half door in car, height 1.200 mm full glass.  
half-door in landings, height 1.200 mm full glass.  
Landing door height 2.000 mm full glass.

**Hinged access ramp:**  
(compulsory if the pit is less than 130 mm).

**Outdoor control panel.**

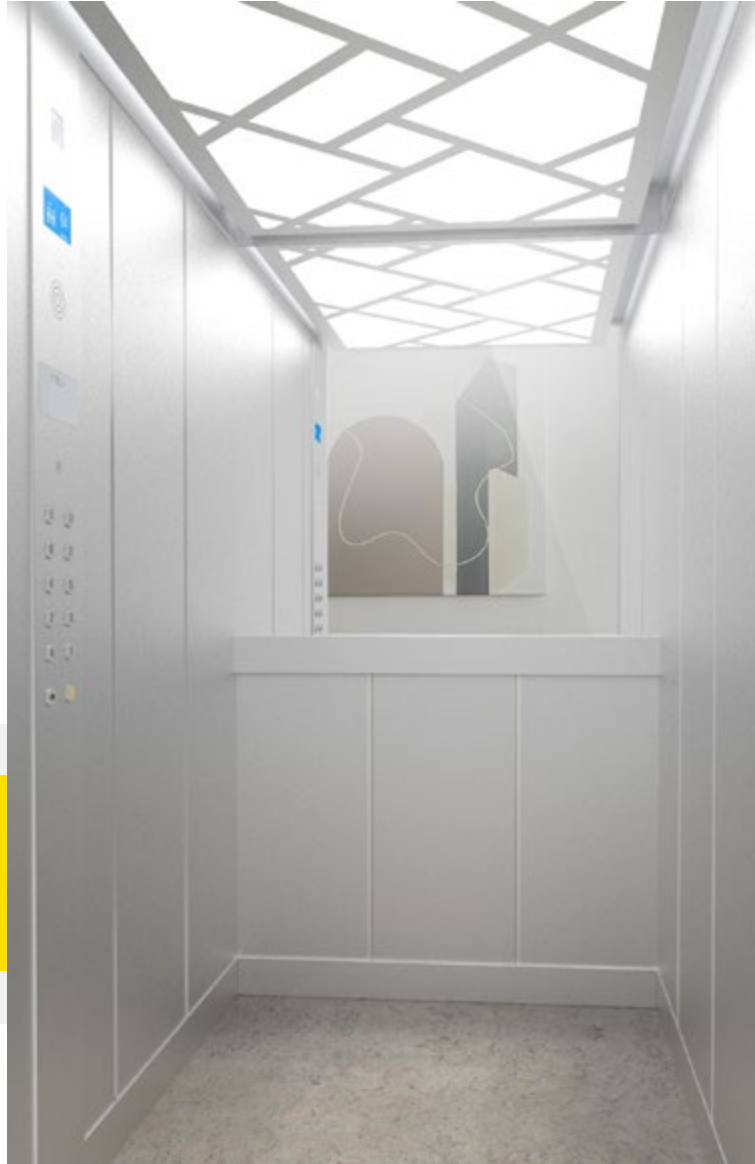
**Mechanical door closer.**

**Automatic doors.**

**Finishes:** in EPOXI paint or stainless steel.  
(standard EPOXI Colours RAL 9010 + RAL 9006).  
For Weatherproof applications, stainless steel AISI 304 and 316 finishes are also available)



# 2.1 Lift Car models & styles



101

**Walls**

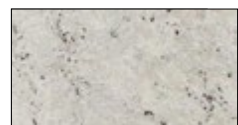
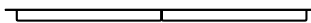
**Joint**

**Floor**

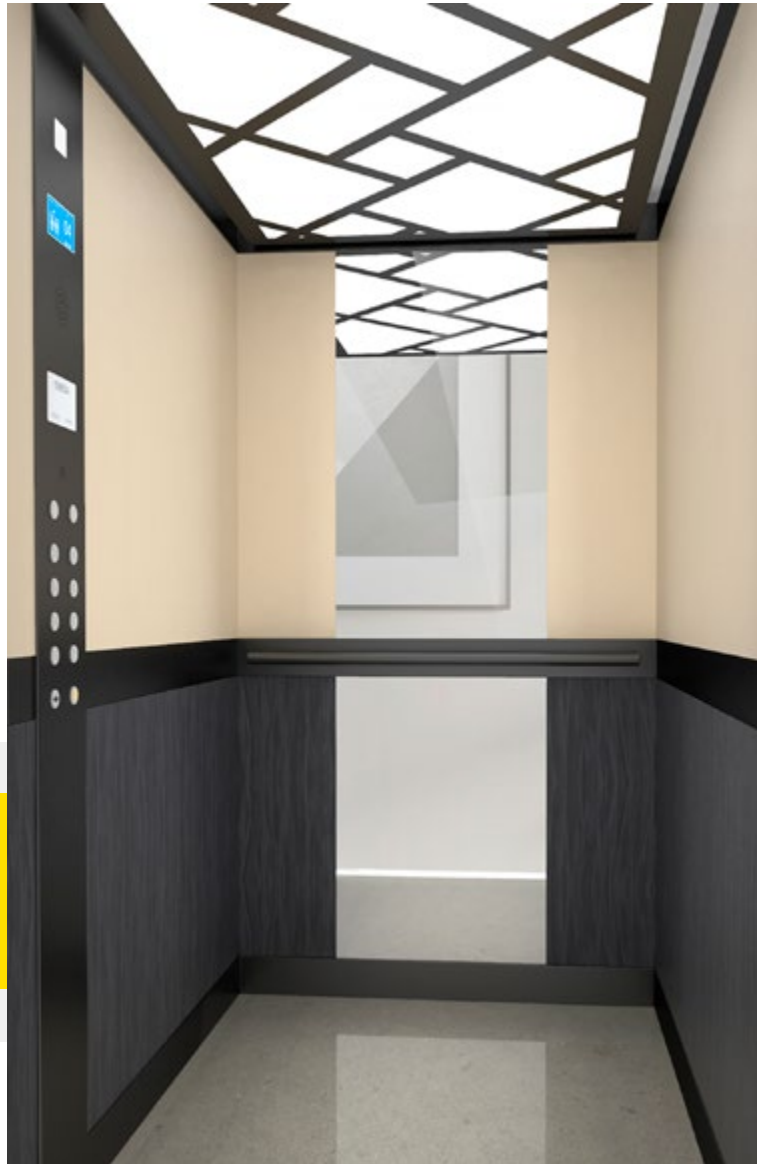
Checks Stainless Steel

No joint between panels

Granite Naturel Warwick







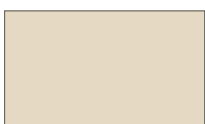
# L03

## Walls

F6307 Burnt Strand



F2833 Sandstone



Laminate

## Joint

Smooth panel



## Floor

Royal Reef artificial stone



\*M03 also available in Melamine



# 2.1 Lift Car models & styles



## L04

### Walls

F7327 Popular Grey



F8830 Elemental Concrete



Laminate

### Joint

No joint between panels



### Car Walls Illumination

Vertical LED strips

\*M04 also available in Melamine



# S01

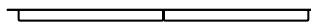
## Walls

Stainless Steel Skinplate



## Joint

No joint between panels



## Floor

Anti-slip rubber Black





# 2.1 Lift Car models & styles



## CH01

**Walls**

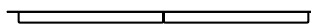
**Joint**

**Floor**

Light Ivory RAL 1015

No joint between panels

Pink Porriño natural granite



Painted Sheet



# Quartz

**Walls**

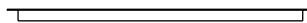
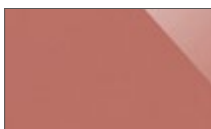
**Joint**

**Floor**

Terracotta Red RAL 8815

Smooth panel

Intense Black natural granite

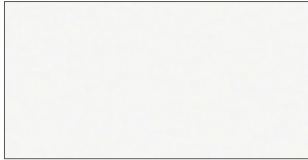


Back Painted glass

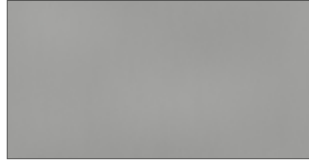


### Walls

#### Skinplates



White



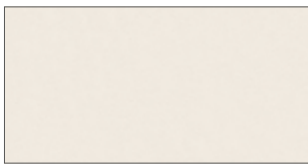
Stainless Steel



Grey

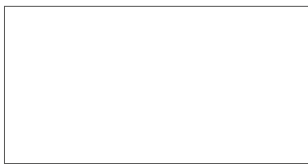


Simil stainless steel

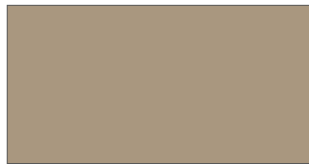


Cream

#### Painted Sheet



White RAL 9016



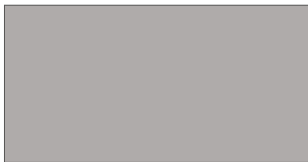
Beige RAL 1019



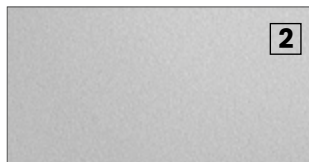
Black RAL 9005



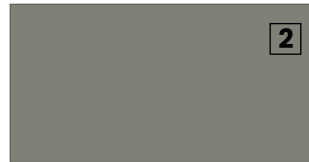
Light Ivory RAL 1015



Metallic grey RAL 9006



Pearl Light Grey RAL 9022



Concrete Grey RAL 7023



Pastel purple RAL 4009

**2** Tariff Type 2

\* Any other RAL available under request

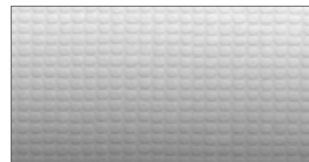
#### Stainless Steel



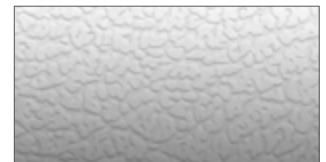
Brushed



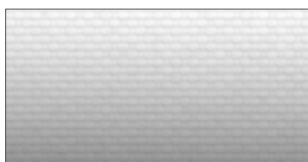
Checks



Canvas



Leather



Linen



Polished

Available any other finish from:





### Walls

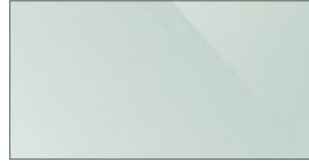
#### Back painted glass



Metallic grey RAL 9006



Light Brown RAL 1236



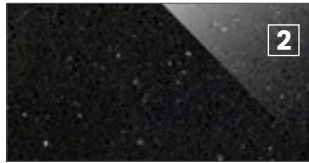
Green RAL 8615



Aluminium RAL 9007



White RAL 9003



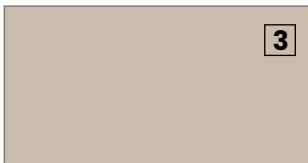
Black Starlight RAL 0337



White Pearl RAL 1013 (matt or gloss)



Bronze



Matt Light Brown RAL 1236



Terracotta Red RAL 8815



Pistachio Green RAL 1164

**2** Tariff Type 2

**3** Tariff Type 3

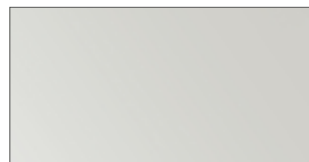
#### Back painted glass (under request)



RAL 1586



RAL 8017



SILVER



RAL 5002



RAL 2001



RAL 9005



## Walls

### Laminates



F2274 White France



F1139 Cherry Tree



F7884 Blue China



F7837 Graphite



F2273 Seringa



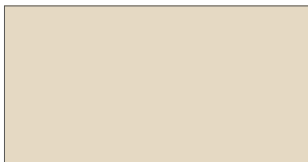
F1062 Smoked Oak



F2478 Bermuda



F8833 Elemental Graphite



F2833 Sandstone



F5873 SET Ventura Oak



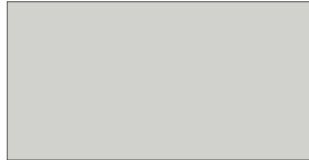
F1997 Ocean



F8832 Elemental Corten



F8841 White Ash



F7927 Folkestone



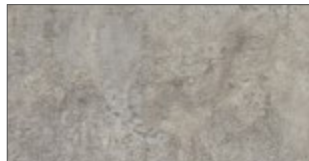
F8849 Natural Teak



F0193 Xenon



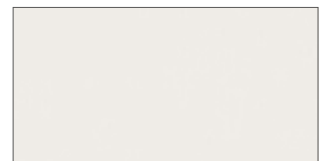
F0190 Finn Beech



F8830 Elemental Concrete



F8848 Blackened Legno



F7923 Surf



F3091 Crystal White



F6307 Burnt Strand

**3** Tariff Type 3

\* Other formicas available at:

<https://www.formica.com/es-es>

Colors shown may vary from the actual color depending on the computer monitor settings or the printing conditions.





## Walls

### Melamina



Cream



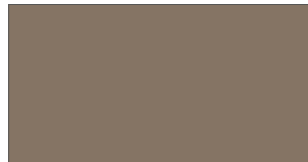
Cervine Pine



Grey



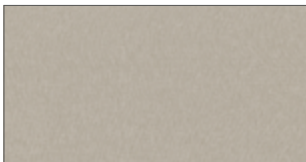
Beech



Chocolat



Cherry tree



Habana Linen



Dark Oak



Blue

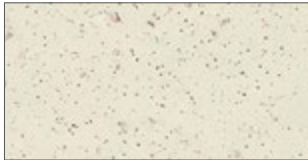


Not in compliance with the standard EN 81.20



## Floors

### Anti-slip rubber 4,5 Kg / m<sup>2</sup>



Beige



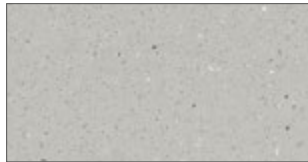
Oak



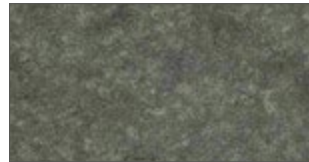
Blue



Sand



Grey

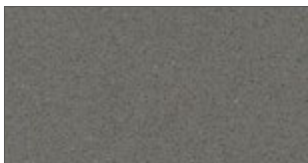


Grey concrete

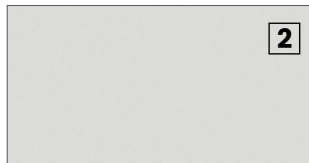


Black

### Artificial Stone 49 kg / m<sup>2</sup>



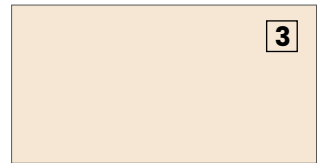
Grey Expo



White North



Ethereal Glow



Rougui

**2** Tariff type 2

**3** Tariff type 3

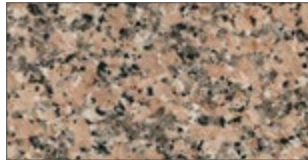


## 2.2 Lift Car finishes

### Natural granite 56 kg / m<sup>2</sup>



Grey Pearl



Pink Porriño



White Crystal



White Trevi



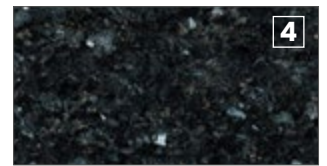
Grey Quintana



Intense Black



Black South Africa



Dark Blue Labrador



Guyana



Warwick Rubi

**2** Tariff Type 2

**3** Tariff Type 3

**4** Tariff Type 4

### Metallic floor



Aluminum checkerboard  
6 Kg/m<sup>2</sup>

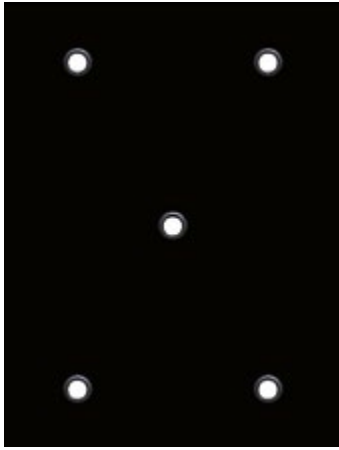


Stainless steel 12 Kg/m<sup>2</sup>

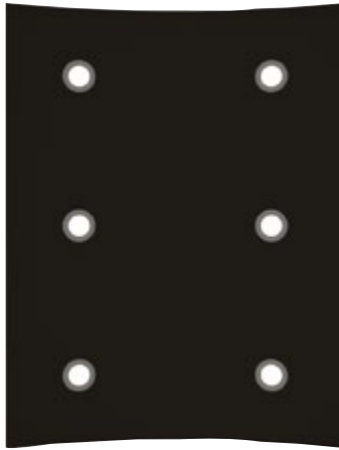


Steel durbar plate 36 Kg/m<sup>2</sup>

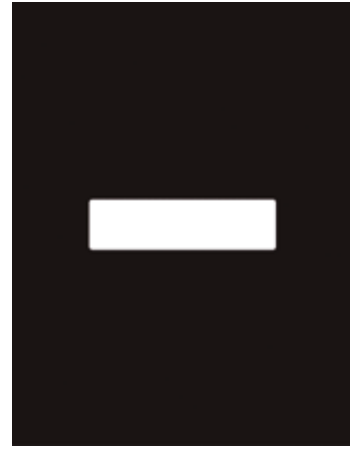
### Ceilings



LED spots



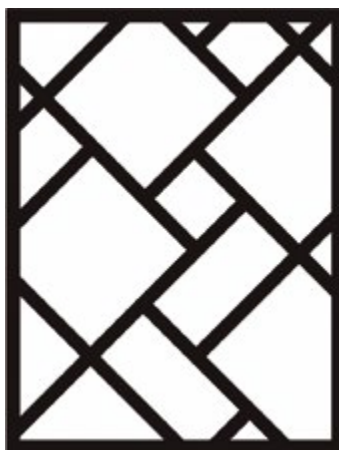
Curved LED spots



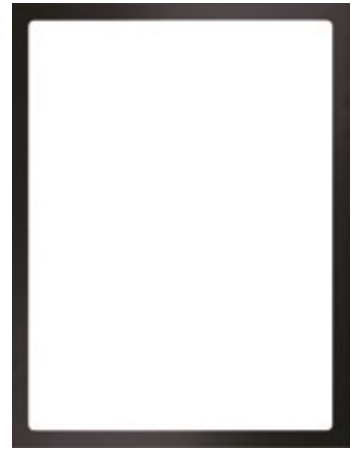
LED Strip



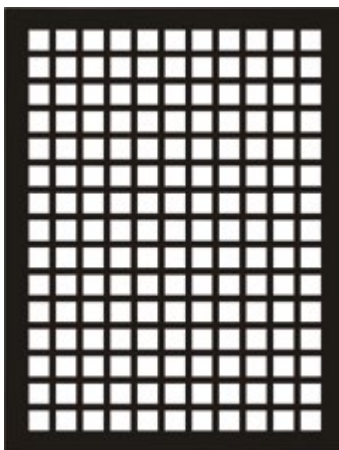
Mondrian



Arte



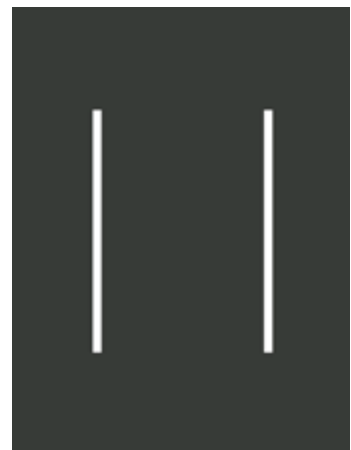
Marco



Mosaic



Tinted glass

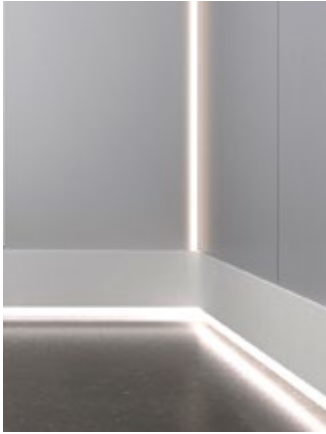


LED Bars

► All ceilings can be selected in white, black and stainless steel finishes.



## Indirect lighting



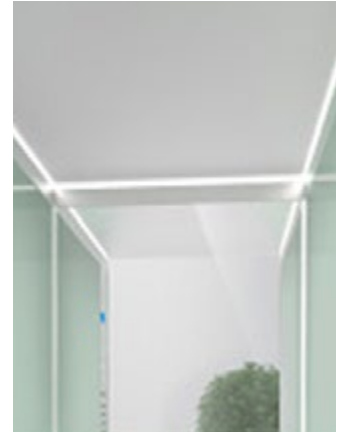
Skirting illumination



Car walls illumination



COP Illumination



Ceiling illumination

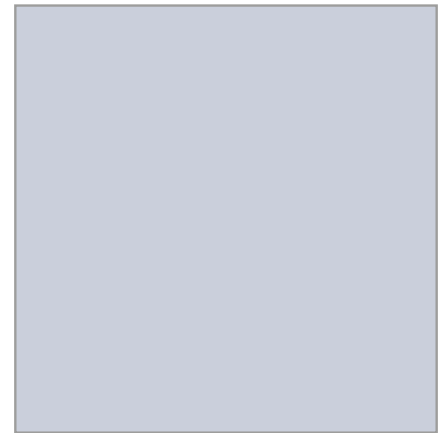
## Mirrors



1/2 Height



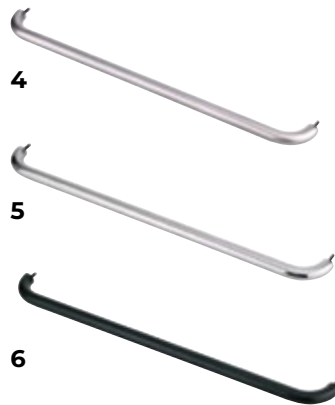
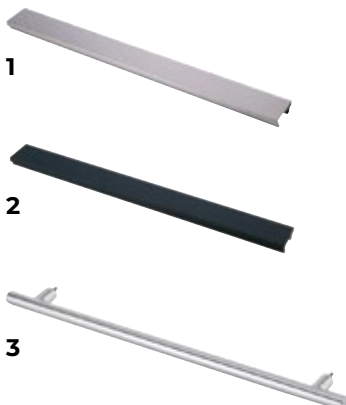
Slim mirror panel



Full mirror

## Handrail

STANDARD EN 81-20



- 1. Rectangular stainless steel
- 2. Rectangular skinplate
- 3. Straight tubular polished St. Steel
- 4. Curved tubular satin St. Steel
- 5. Curved tubular polished St. Steel
- 6. Curved tubular painted black

**Automatic door**



Primed  
Stainless steel



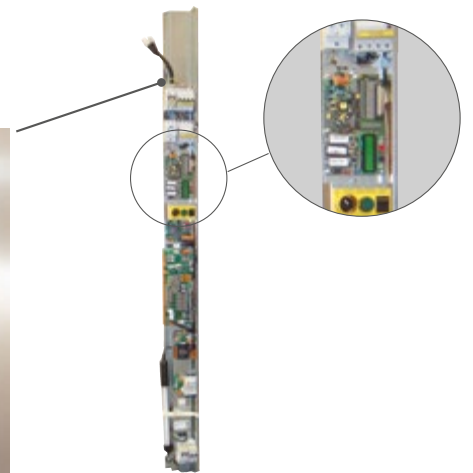
Big vision panel



Folding Bus door big vision panel



Full glass door panels



▶ Control panel in door frame.

Available for Carlos Silva,  
Elec Megom, Sprinte and  
New Lift.



RALOE

## Semi-automatic doors

---



Standard Vision panel



Big vision panel

Door finishes

► Epoxy

STANDARD



RAL 7032

OTHERS



RAL 9016



RAL 1015



RAL 9006



RAL 7004



RAL 1018



RAL 1019



RAL 6021



RAL 1034



RAL 3020



RAL 5012



RAL 8023



RAL 7010



RAL 7012



RAL 3004



RAL 6005



RAL 5011



RAL 9005

► Smooth Stainless steel

STANDARD



AISI 441 2B/BA



AISI 304 2B



AISI 316 2B



AISI 441 2B



AISI 304 2B



AISI 304 2B



AISI 316 2B



AISI 316 4N

DECORATIVE



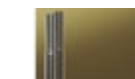
AISI 304 BA



AISI 304 BA



AISI 316 BA



AISI 304 BA



AISI 304 BA



AISI 304 BA



AISI 304 BA

► Patterned Stainless steel



AISI 441 BA (1)



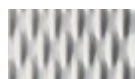
AISI 304 BA



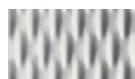
AISI 304 BA



AISI 316 BA (1)



AISI 441 BA (1)



AISI 304 BA



AISI 304 BA



AISI 304 BA



AISI 441 BA (1)



AISI 304 BA



AISI 304 BA



AISI 316 BA (1)

Available any other finish from:





### Car Operating panels

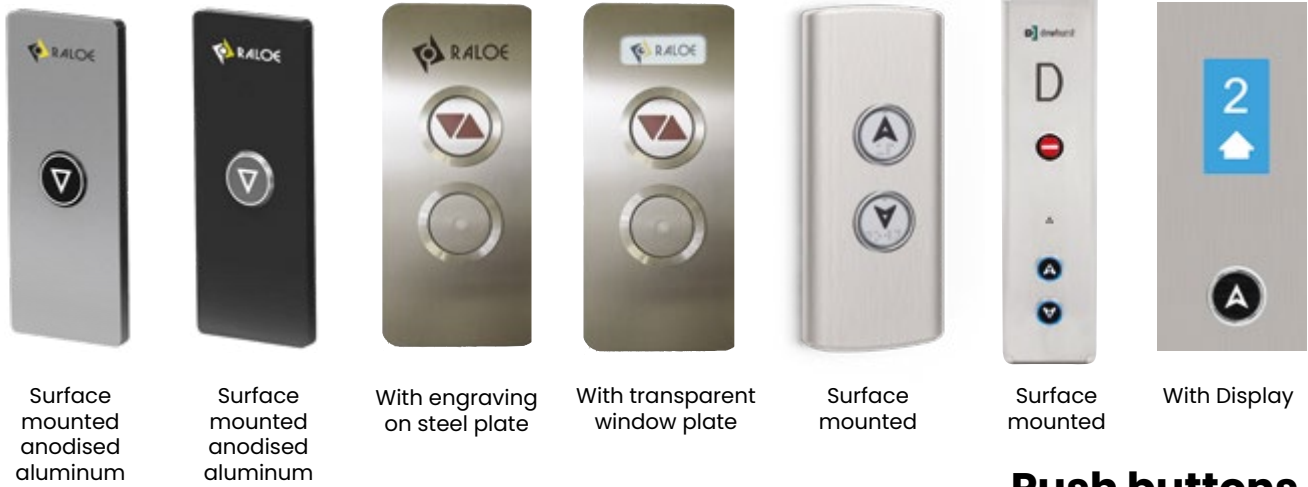


### Handrail Type (EN81.70)



- 1 Standard column button panel
- 2 Column button panel with illumination
- 3 Surface mounted 920x220mm anodised aluminum
- 4 Glass button panel

## Landing operating panels



Surface mounted anodised aluminum

Surface mounted anodised aluminum

With engraving on steel plate

With transparent window plate

Surface mounted

Surface mounted

With Display

### Push buttons



Bas 120

Bas 120 Black

RT42

US91-EN

US90 Jumbo

US95 Jumbo

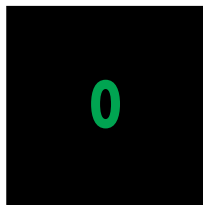
US95-EN

### Indicators



SURFACE mounted

Indicators



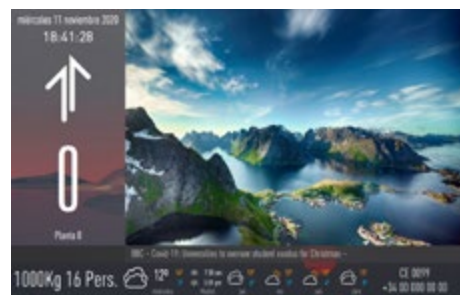
TFT 2,8"  
CARLOS SILVA



7"  
CARLOS SILVA



TFT 5,6"  
CARLOS SILVA



10"  
CARLOS SILVA



## 2.5 Structures

The structures for Passenger Lift and Home Lift give us flexibility, by eliminating architectural barriers and bringing solutions for the total accessibility.

### STRUCTURES

#### ► Colors



RAL 9002



RAL 3004



RAL 1015



RAL 6005



RAL 7032



RAL 5003



RAL 7001



RAL 9005



RAL 8003



OXIRON

## Advantages

The assembly time is reduced by over 60% compared to an installation with traditional construction system, with a clean, fast, and quiet product.

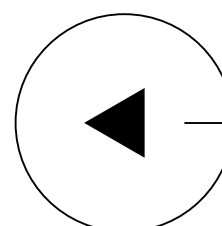
Absolutely respectful with the environment, both in the assembly process and industrial development.

Ease of assembly, makes this product highly simple to operate complying with the higher safety standards.



## Characteristics

Multi-purpose technical solution for every building, they can be adapted to the different constructive requirements. TC series are designed to be integrated in the existing building and its environment.





Ceiling (metal sheet or glass)



Canopy over door (metal sheet or glass)



Handrail



Ventilation



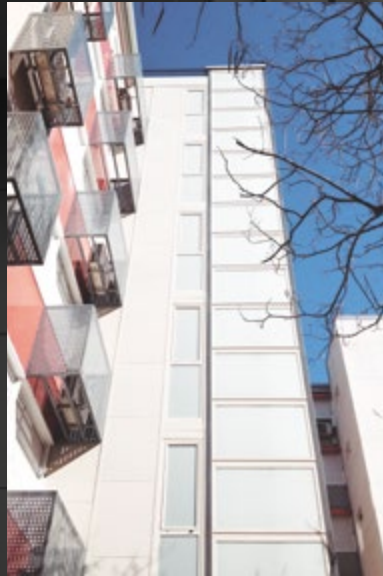
# Types of enclosure

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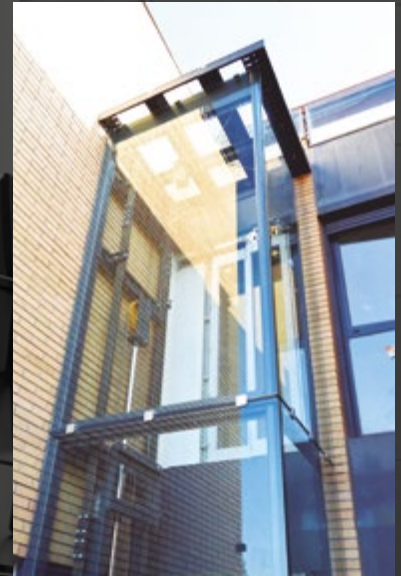
Transparent glass

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Frosted glass

---



Total glass

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Blind sheet

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Mesh sheet

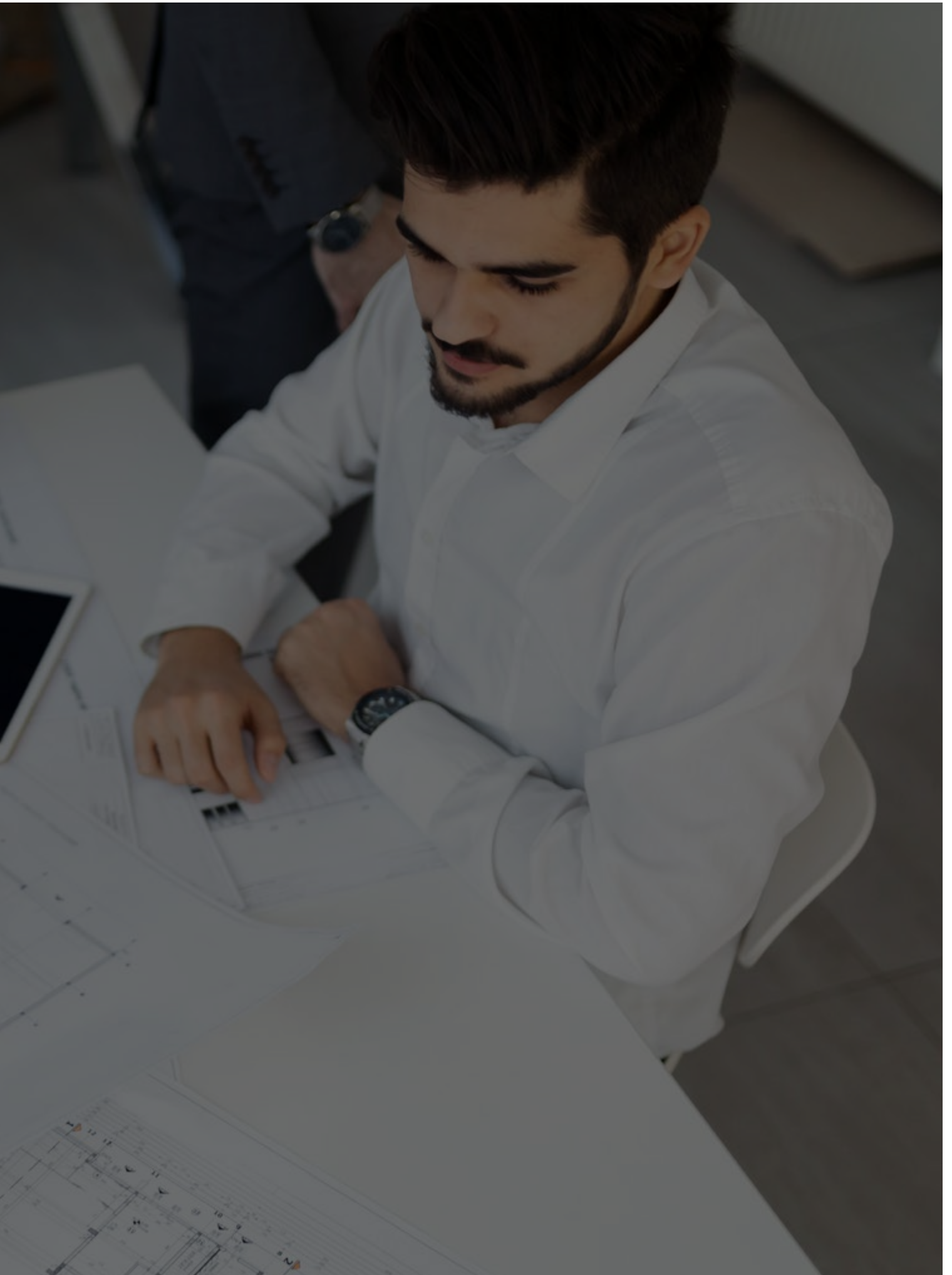
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**trustworthy partner**







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A photograph of three business professionals (two women and one man) standing in an elevator. They are all dressed in business casual attire. The woman in the center is holding a tablet and pointing at the screen, while the other two look on with interest. The elevator has glass walls and a metal handrail.

Your Partner  
**In Lift Solutions.**

