



NEW VERSION CATALOGUE



[WWW.ALBATROSSLIFT.PL](http://WWW.ALBATROSSLIFT.PL)

write us: [export@albatrosslift.pl](mailto:export@albatrosslift.pl)



Albatross Lift is the biggest manufacturer for Elevators and Escalator in POLAND AND TURKEY with very high quality products and innovative technique.

Our company Established 1999.

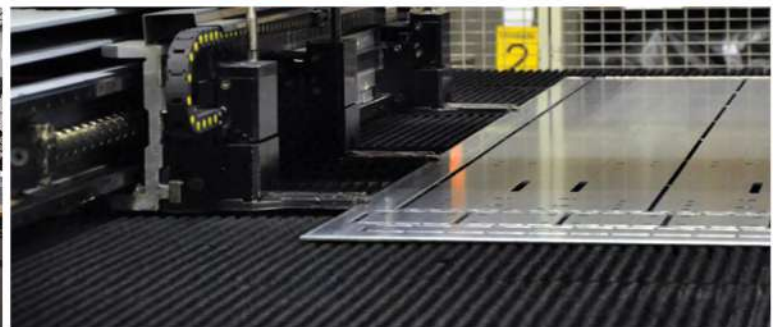
we export our product almost 35 countries in the world. As a leading company in this business we always aim to extend our sales and look for new partners in the EUROPE, ASIA, And AFRICA.

The factory is equipped with modern and advanced technological facility for the manufacturing and elevator testing tower.

Our every employee believes value engineering is an important part of our work and we provide solution not just products. our teams of qualified experienced engineers and technicians can create build to client's specifications whatever the challenge. Our clients are insured the highest level of product



ALBATROSS Manufacturing facilities with the most advanced technology allowing ALBATROSS® to develop and manufacture



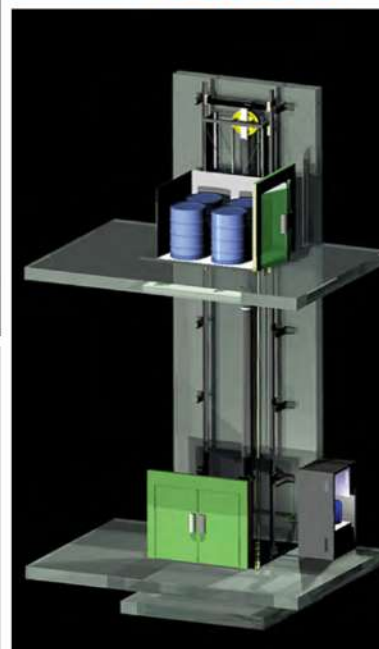
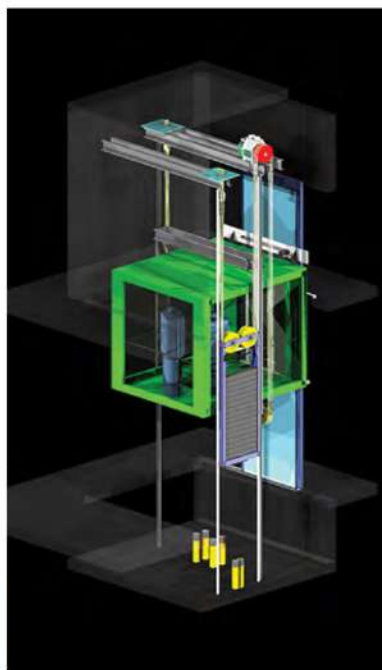
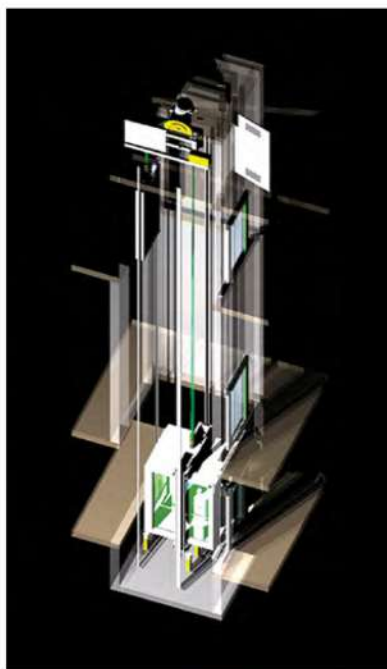
manufacturing







A department of design and development ensures the quality and reliability of ALBATROSS® products, offering the market safe and innovative solutions supported by excellence in its engineering and in strict compliance with European standards.

# design and development





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### ● Classic 30

This cabin where the metal materials are placed in a crossed shape . the side surface can include the image of your choice from our catalogue.



Ceiling : RAL 9016 White painted plate

Car wall : Carnaval laminate (gloss)

Profile : RAL 9016 White painted plate

Floor : Blanco Norte artificial stone/ marble

Mirrore : 1/2 height, silver 4 mm safety



● **Classic : 01**

Side Panels : High Gloss  
 Rear Panel : Half size Mirror  
 Ceiling : Laser  
 Floor: Antibacterial PVC  
 Accessories : Mirror Stainless  
 Handrail : 32 mm stainless

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● **Classic : 02**

Side Panels : High Gloss  
 Rear Panel : Half size Mirror  
 Ceiling : Laser  
 Floor: Granite  
 Accessories : Mirror Stainless  
 Handrail : 32 mm stainless







● **CLASSIC :03**

Side Panels : High Gloss  
Rear Panel : Half Size Mirror  
Ceiling : Laser  
Floor: Granite  
Accessories : Mirror Stainless  
Handrail : 32 mm Stainless

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● **CLASSIC :04**

Side Panels : Stainless Steel  
Rear Panel : Half Size Mirror  
Ceiling : Laser  
Floor: Granite  
Accessories : Mirror Stainless



**CLASSIC.04**



## ● CLASSIC :05

Side Panels : Mirror & High Gloss  
Rear Panel : Full Size Mirror  
Ceiling : Laser  
Floor: Granite  
Accessories : Mirror Stainless  
Handrail : 32 mm Stainless

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## ● CLASSIC : 06

Side Panels : Laminated Glass  
Rear Panel : Full Size Mirror  
Ceiling : Laser  
Floor: Granite  
Accessories : Mirror Stainless  
Handrail : 32 mm Stainless





## ● CLASSIC :14

Side Panels : Membrane  
Rear Panel : Full Size Mirror  
Ceiling : Laser  
Floor: Antibacterial PVC  
Accessories : Mirror Stainless  
Handrail : 32 mm Stainless

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**CLASSIC.14**

## ● CLASSIC : 15

Side Panels : Membrane  
Rear Panel : Full Size Mirror  
Ceiling : Laser  
Floor: Granite  
Accessories : Mirror Stainless  
Handrail : 32 mm Stainless



**CLASSIC.15**



● **CLASSIC : 16**

Side Panels : Membrane (picture print)  
 Rear Panel : Full Size Mirror  
 Ceiling : Laser  
 Floor: Granite  
 Accessories : Mirror Stainless  
 Handrail : 32 mm Stainless

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● **CLASSIC : 19**

Side Panels : Stainless Steel  
 Rear Panel : Half Size Mirror  
 Ceiling : Laser  
 Floor: Granit  
 Accessories : Mirror Stainless  
 Handrail : 32 mm Stainless





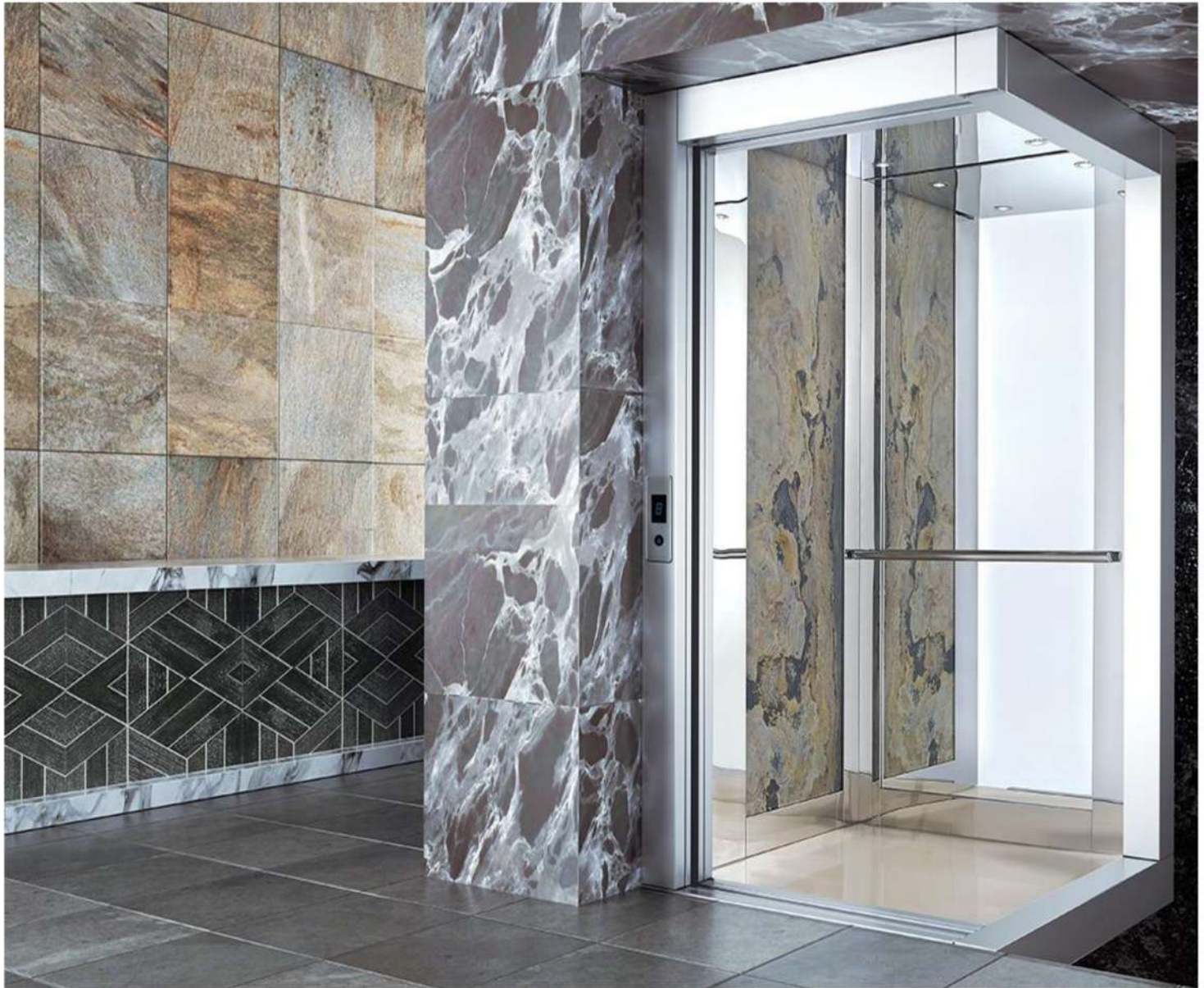
## ● ELITE 28

Decorative woodpanels & Super mirror stainless steel  
Handle a single row Full-length mirror Natural granite floor  
Laser cut ceiling + with spotlights



● ELITE :27

With the bright and luster side surfaces this Model brings the feelings of cleanliness and healthy in your cabin. The glass instalments in the cabin will add dynamism and freshness into your building.



● **ELITE 29**

Decorative stone surfacing panels Super mirror stainless steel accessories Handle a single row Full-length mirror Natural granite floor Ceiling with spotlights EN 81-20/50



## ● ELITE :03

Side Panels : Membrane (Sectional)  
Rear Panel : Full Size Mirror  
Ceiling : Laser  
Floor: Granite  
Accessories : Mirror Stainless  
Handrail : 32 mm Stainless

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## ● ELITE :04

Side Panels : Membrane (Sectional)  
Rear Panel : Full Size Mirror  
Ceiling : Laser  
Floor: Granite  
Accessories : Mirror Stainless  
Handrail : 32 mm Stainless







## ● ELITE :05

Side Panels : Membrane  
Rear Panel : Full size Mirror  
Ceiling : Laser  
Floor: Granite  
Accessories : Decorative  
Handrail : 32 mm Stainless

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## ● ELITE : 06

Side Panels : Laminated Glass  
Rear Panel : Full Size Mirror  
Ceiling : Laser  
Floor: Granite  
Accessories : Decorative  
Handrail : 32 mm Stainless





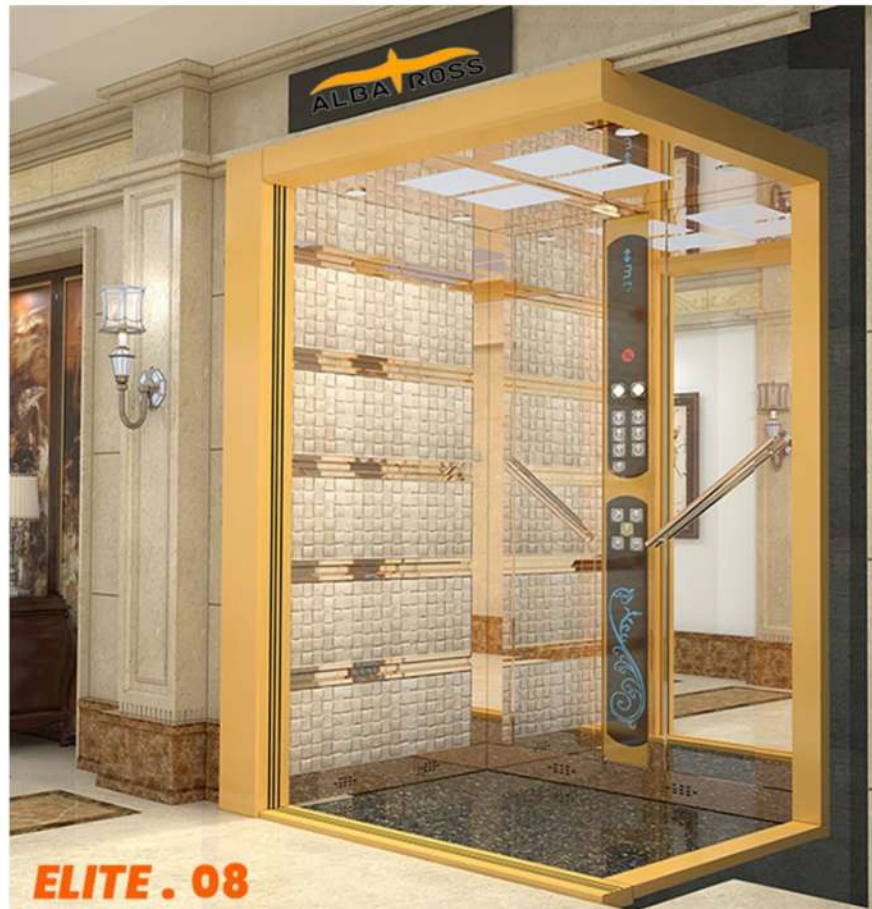
## ● ELITE :07

Side Panels : Membrane  
Rear Panel : Full Size Mirror  
Ceiling : Laser  
Floor: Granite  
Accessories : Decorative  
Handrail : 32 mm Stainless

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## ● ELITE : 08

Side Panels : Decorative Stone  
Rear Panel : Full Size Mirror  
Ceiling : Laser  
Floor: Granite  
Accessories : Decorative  
Handrail : 32 mm Stainless





● **ELITE : 09**

Side Panels : Membrane  
Rear Panel : Full Size Mirror  
Ceiling : Laser  
Floor: Granite  
Accessories : Decorative  
Handrail : 32 mm Stainless

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**ELITE . 09**

● **ELITE : 10**

Side Panels : Membrane  
Rear Panel : Full Size Mirror  
Ceiling : Laser  
Floor: Granite  
Accessories : Decorative  
Handrail : 32 mm Stainless



**ELITE . 10**



## ELITE :12

- ESB painted sheet metalpanels
- Gold mirror accessories
- Handle a single row
- Half-lenght mirror
- Natural granite floor
- Laser cut ceiling with spotlights



## ELITE :13

- Satin stainless steel and PVC panels
- Handle a single row
- Naturalgranite floor
- Laser cut ceiling



## ELITE: 14

- Painted woodpanels
- Super mirror stainless steel accessories
- Handle a single row
- Half-length mirror
- Natural granite floor
- Laser cut ceiling



## ELITE:15

- Postforming laminate panels
- Satin stainless accessories
- Handle a single row
- Half-length mirror
- PVC floor
- Laser cut ceiling with spotlights



## ELITE: 16

- Postforming laminate panels &
- Satin stainless accessories
- Handle a single row
- Half-length mirror
- PVC floor
- Laser cut ceiling





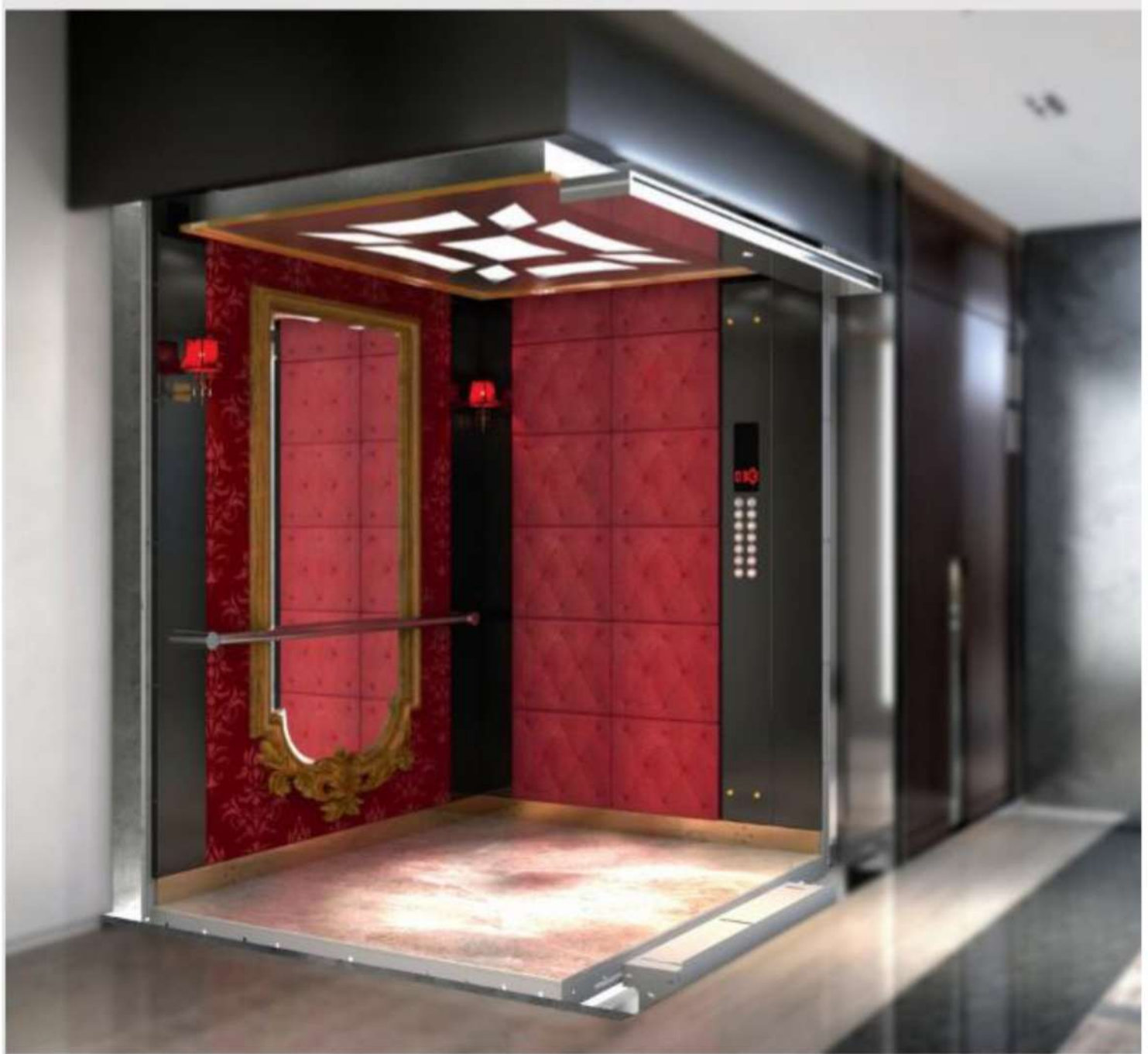
## ● ABL 01

A velvety warm and natural texture in our cabinet vivid side surfaces create a dynamic aura in albatross velour with its Avant grade lines and gothic mirror frame .you will almost take a time travel with velour.



## ● ABL 02

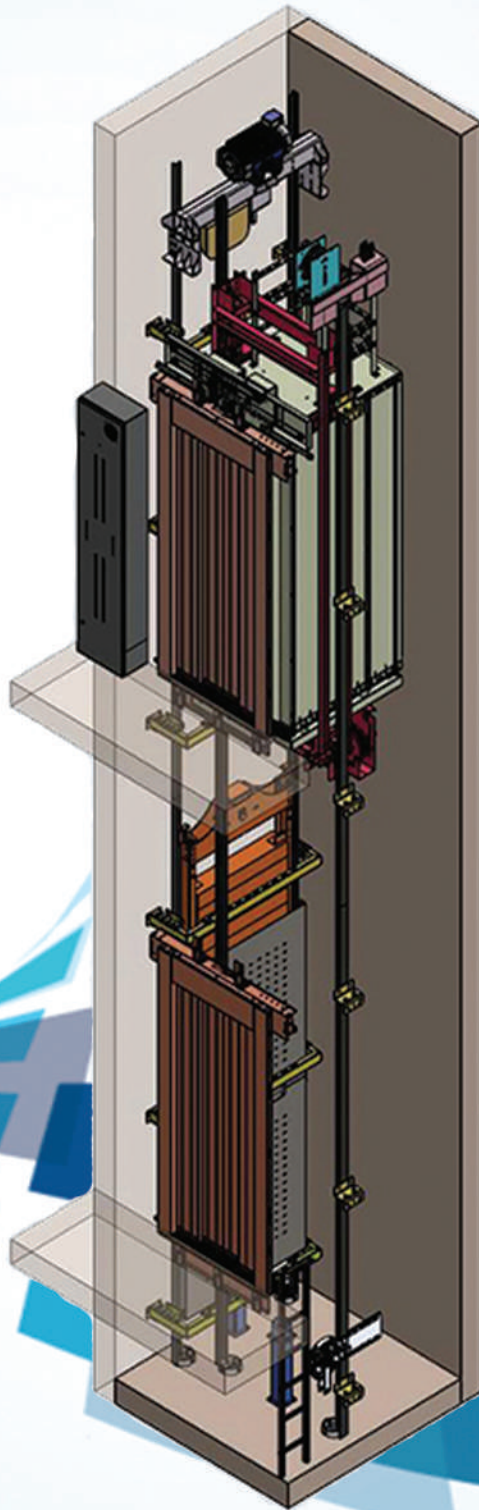
With the CNC cut oval framed mirror around vermeil mirror surface decorated with hieroglyphic patterns of ancient Egypt .you can feel the elegance of the ancient Egypt places in your elevator cabin in ALBATROSS.



## ● ABL 03

Gold and Silver are together albatross lift model ABL 03 is a delux cabin model with its gilded shiny surface. Both Simple elegant and flamboyant with side surfaces that will add style to the dazzling buildings.

# KINDS OF ELEVATOR



## ➔ Passenger Lift:

**Load capacity: 320 kg to 3000kg, Speed : 1m/sec to 4m/sec**

The passenger elevator from the Albatross lift is a modern technology and a new generation of permanent magnet synchronous gearless traction machines and computer control lift technologies, a data network convergence system and a modular structure, as well as the use of the most effective self-test procedures, accurate, efficient and reasonable tuning system. A passenger elevator is the type of lifting equipment on which most people move to their homes every day. Albatross lift represents a wide range of passenger elevators on electric and hydraulic drives (with and without engine room). All products of the plant are subject to technical testing and certified according to European quality standards:

- high reliability;
- emergency system in case of a light outage;
- relatively low power consumption;
- affordable price (20-25% cheaper);
- small-size shafts (space saving in the room);
- minimum depth of the pit;
- simplicity of design;
- quick installation capability.

### PASSENGER ELEVATOR

The cost of the model depends on several components:

- type of lifting system (electrical or hydraulics) and its components;
- with or without machinery room;
- number of stops;
- carrying capacity;
- speed;



Technical advantage:

Safe, precise and guaranteed position of the control system Advanced sensors on the motion motor, rotor for high accuracy in real time, feedback signal, to achieve the level of accuracy. Safe cabin, displacement prevention, memory technology to ensure that the elevator opens the doors before stopping and the safe operation of the elevator. Earthquake protection function.

Through emergency operational management reports, early detection of seismic waves. Professional maintenance of control group management on special temporary micro-computers The system of group elevator control, high-speed network processing of the central nervous system of the elevator. The processing of the system is based on very effective, fast genetic algorithms that help to choose the best route for passengers.

### Machine Room-Less (MRL) Traction Elevators

MRL Elevator machines are located in the hoistway, eliminating the need for a traditional machine room. They are designed for low- to mid-rise buildings having up to 100 m of rise.

Advantages :

Saving up to 40% energy.

A global leader in permanent magnetic synchronous gearless traction machine, effectively reduce the energy consumption, can reduce energy

consumption 40%.

- Eliminates traditional machine room
- Reduces power consumption
- Greater speeds than hydraulic systems
- Less expensive than geared traction systems
- Best suited for Low- to mid-rise buildings

Machine Room Traction Elevator

Albatross passenger elevator with small machine room uses compact layout of gearless permanent magnet synchronous traction machine and control cabinet to save construction space and expand utility rate of space. As machine room area is exactly same shaft area, a harmony mechanical and electrical greenway comes into being. It is perfect into the building and increasing the aesthetic feeling.

## → Home Lift

**Load capacity: 250 kg to 450 kg, Speed : 1m/sec to 2m/sec**

Villa elevator just as its name implies is to serve the home lift, used in private homes, only for the use of a single member of the family of the elevator. It can also be installed in a single family to use within the building, as the tool of a single family in their home, but the building of the public or other residents cannot use and access. Private housing structure determines when choosing villa elevators, machine room less home elevator structure should be adopted so as to maximize saving construction cost and architectural space, at the same time to take care of the appearance of the house and beautiful.



## ➔ Panoramic Lift

**Load capacity: 630 kg to 1600kg, Speed : 1m/sec to 4m/sec**

Panoramic elevators emphasize the modern standard of living of your building. They are easy to use for viewing the environment. Panoramic elevators are installed both inside and outside the building. The elevator is an excellent architectural addition to your building, the original design will emphasize the individuality of your project.

Benefits:

Panoramic elevators are made of shockproof (tempered) glass. The material is resistant to mechanical damage. A good overview of the whole building from the inside and the panorama outside. Wide choice of cabin shapes. A wide range of materials and colors.





## ➔ Goods lift

**Load capacity: 630 kg to 5000kg, Speed : 1m/sec to 2m/sec**

Full-computer professional control system, classic and reliable driving style, outstanding performance of door operating structure, high-intensity car design, make our freight elevators suitable for different locations easily. With full specifications, good performance, high reliability and superior performance-price ratio, Albatross freight/goods/cargo elevators provide relevant solutions for diversified cargo carrying and can be suitable for different architectures' construction, extensively used in goods transportation locations, such as factory, producing line, workshop, marketplace, shopping center and exhibition hall.



## → Hospital Lift

**Load capacity: 630 kg to 2000kg, Speed : 1m/sec to 3m/sec**

Providing reliable, efficient and effective vertical transportation in a medical environment needs to follow a particular set of rules and regulations. Vibration, air quality, sound quality, containment, and security along with fire safety and bacterial contamination are also factors that need to be addressed when planning for individual or grouped elevator solutions in healthcare centers.



## ➔ Dumbwaiter

Dumpwaiter / Food lift have a compact form and designed to move small goods. These elevators can have a lifting capacity from 50 to 250 kg. They have different finishes and arbitrary dimensions of the cabin. Small freight elevators are widely used in restaurants, cafes, shops, shopping centers, administrative institutions and for private use in residential buildings. The quality of our elevators guarantees the highest reliability, safety and compliance with all standards and requirements. Elevators are easy to install and operate, can be with the upper and lower engine room and various types of door opening. We can offer two kinds of small freight elevators:



#### At waist height

The elevator is installed at waist height of the person so that users can use the system most conveniently for loading/unloading finished products.

This elevator is most suitable for dining rooms, restaurants, cottages and similar establishments. The equipment provides users convenient and fast delivery of linen, cookware, food and drinks.

#### At ground level

The dumbwaiter is installed at the ground level, so it is convenient to load and unload goods with a trolley. Transportation of medical instruments in clinics and hospitals. Products in factories, shops, warehouses and coin money in banks.

Standard factory equipment:

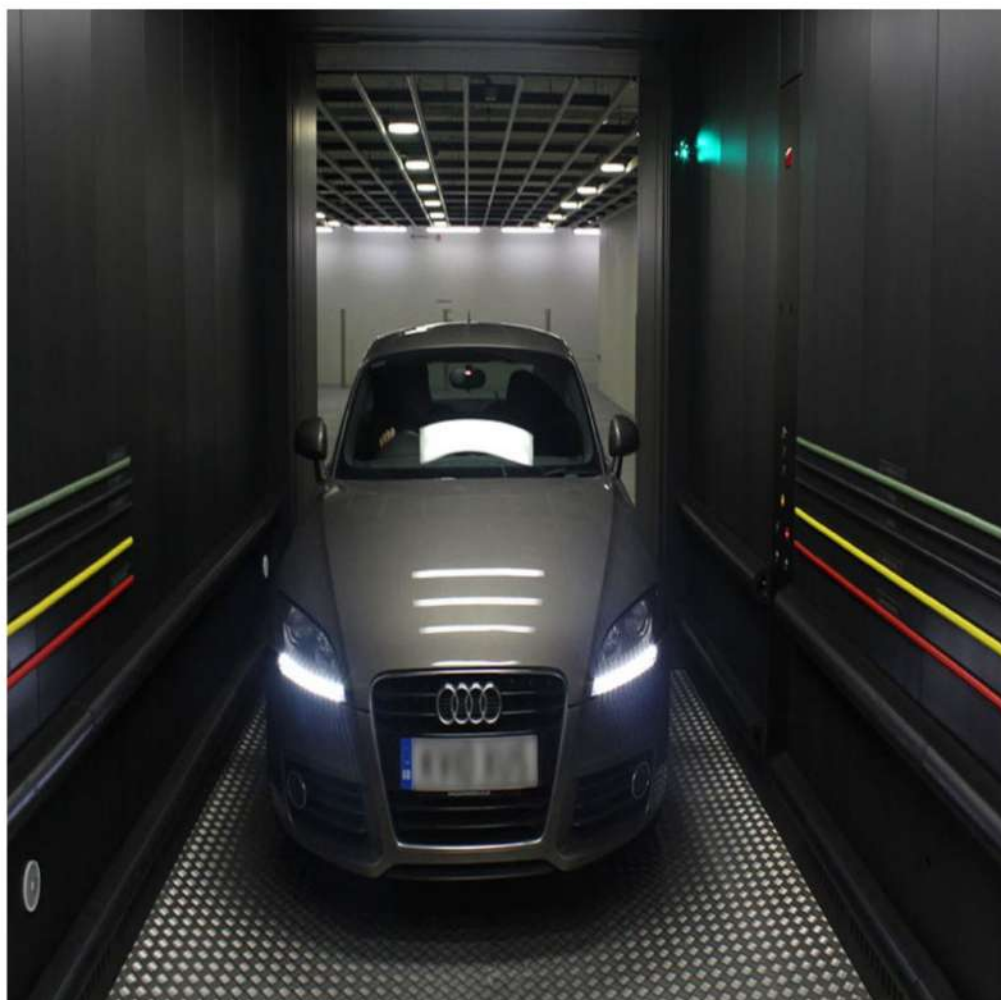
- The cabin and doors are made of stainless, painted and ground steel;
- Ability to install shelves in the cabin;
- Depending on the type of elevator, the doors may be:
- Vertical sliding with one or two leaflets;
- Swing type;
- Cabin position indicator;
- Keypad control panel;
- Interphone (intercom device between floors);
- Control station.

Speed from 0.13 to 0.5 m/s.

## → Car Lift

**Load capacity: 2500 kg to 5000kg, Speed : 0.5m/sec to 1m/sec**

Car elevators are characterized by high strength and durability combined with high service reliability. Elevators of this model are characterized by a smooth and noiseless running when moving passengers and automobiles with a total weight of up to 6000 kg. Elevators are designed for use in car parks, as well as in industrial and commercial buildings.



Major advantages:

- bump stop in the cabin (rubber, wooden, stainless steel)
- automatic evacuation system with power failure
- Overload indicator (light or sound signal)
- Two control panels (for walk-through cabins)
- Two-way telephone system on the control panel of the cabin
- Recessed fluorescent lighting fixtures
- Infrared curtain
- Remote control capability
- Automatically doors with VVVF frequency converter
- Speed of 0.63 m / s
- High accuracy of stopping on the floor (when using an electronically controlled valve block)
- The possibility of installing a reinforced door threshold, depending on the carrying capacity.

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## Escalator

Escalators, automatic pedestrian elevators, armrest elevators, and escalators are the means of transportation to transport pedestrians in a conveyor belt. The escalator is generally inclined. The step of the pedestrian at one end of the escalator will automatically be taken to the other end of the escalator, and the ladder will keep the level on the way. The outdoor escalator has a handrail on both sides of the ladder that is synchronized with the ladder for the user to hold. The escalator can walk in one direction forever, but most of them can control the direction of walking by the managers according to the needs of time, people flow and so on.

## Advantage

a) with excellent quality and exquisite workmanship, use the advanced technology to drive the escalator. Driving power is strong, stable driving force, reliable. Indoor escalator can run smoothly even if it is overloaded in a short time. The brake shoes with timely, reliable and adjustable brake are placed between motors and gearboxes, which can ensure escalator smooth braking performance and braking distance. The protection function, outdoor escalator overspeed governor is automatically cut off the power supply inside the machine when the motor speed exceeds 20% of the rated speed. The anti-reversing device prevents the motor's non maneuverability from reversing. The thermal protection of the motor in the machine ensures the safe operation of the motor.

b) Microcomputer control system and fault self-diagnosis display device  
The control system adopts the microcomputer system produced by advanced Japanese technology, and has perfect function. The safety switches controlled by the microcomputer system are all over the key parts of the escalator, and keep the continuous monitoring of the running state of the whole machine. If in certain parts of the escalator malfunction or accident may lead to the abnormal phenomenon, the microcomputer will automatically cut off the power supply and the brakes, and then the relevant data of fault location in the digital tube display, which makes maintenance personnel can find the fault position immediately, convenient maintenance, reduce the maintenance time for.

c) The structural stability of the truss  
The weight of the escalator and the weight of all passengers are supported by trusses. Therefore, the structure and performance of the truss directly affect the operation of the escalator and the safety of the passengers. This type of escalator adopts a new type of square tube truss, which is connected with the advanced international level. The mechanical properties of the square tube (including flexural, tensile and anti-vibration) are all superior to the angle steel.  
The square tube truss has a good rigidity, which ensures the stable operation of the outdoor escalator under long time heavy load, and can prolong the service life of the escalator.  
Automatic lubrication system stable performance  
In order to ensure low noise, low vibration and prolong service life of chain rollers during operation, the escalator adopts microcomputer controlled automatic lubrication system. The oil pump timing controlled by a microcomputer is used to add quantitative lubricants to all important parts of the escalator. It overcomes the majority of the semi-automatic lubrication system that most of the domestic manufacturers use full-time personnel to operate on the escalator. It avoids the shortcomings of the expected results as well as the difficulty in controlling the amount of refueling because of the reasons for the people.  
Perfect security system  
This type of escalator has adopted comprehensive safety protection measures and basically eliminated the occurrence of all kinds of accidents.



# ELEVATOR OF TECHNICAL



# MRL

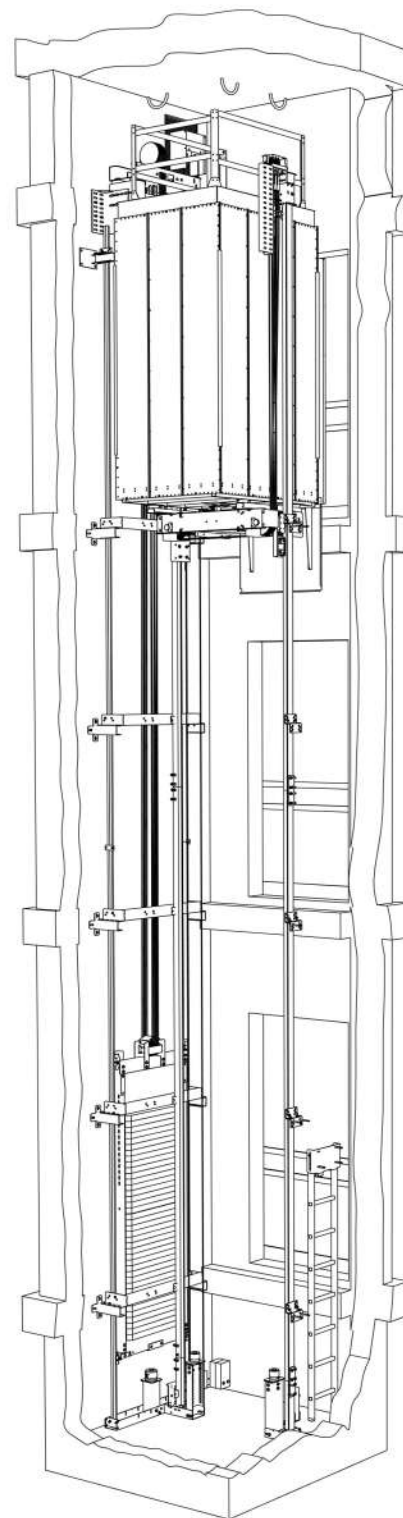
## Lifts

This model has a reduced energy consumption, which has a reduction in the electricity bill and a better preservation of the environment. In addition, this model increases the comfort on the movement and space of the car for its occupants. It is also possible to add an energy regenerator very similar to that used in high-speed trains, with which excess energy is recovered.

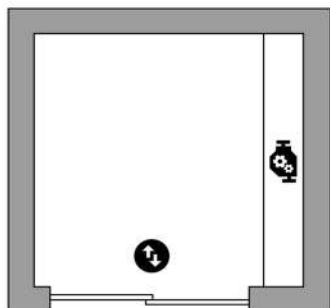
With the stand by system, the automatic shutdown of the lift is carried out when it is not in use, when the lift is required to operate, it will continue to run accordingly.

This lift is designed for communities, work centres, public buildings and homes.

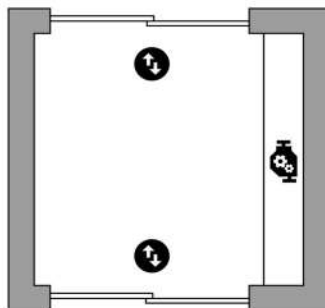
- |  |  |
|--|--|
|  225 - 675 kg         |  At 180° and 0° |
|  3 - 9 persons        |  Electric       |
|  Maximum travel 45 m |  Speed 1 m/s   |



Eco\_1

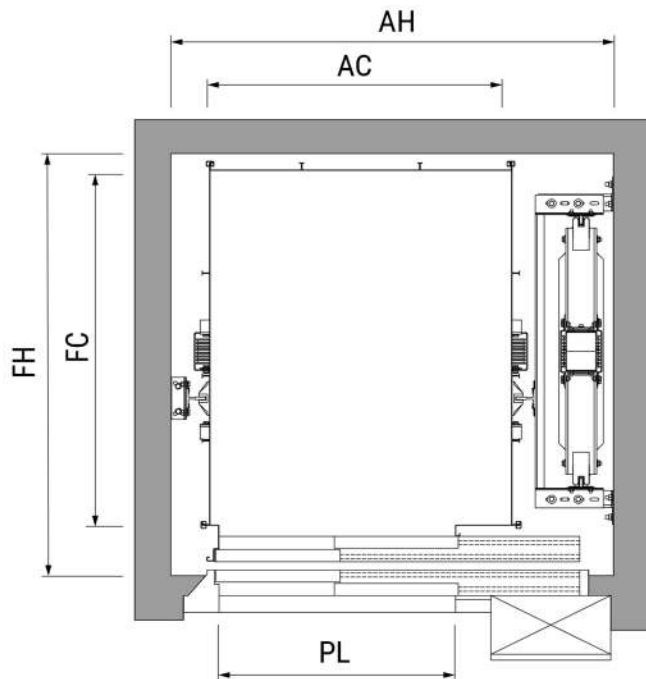


Eco\_2

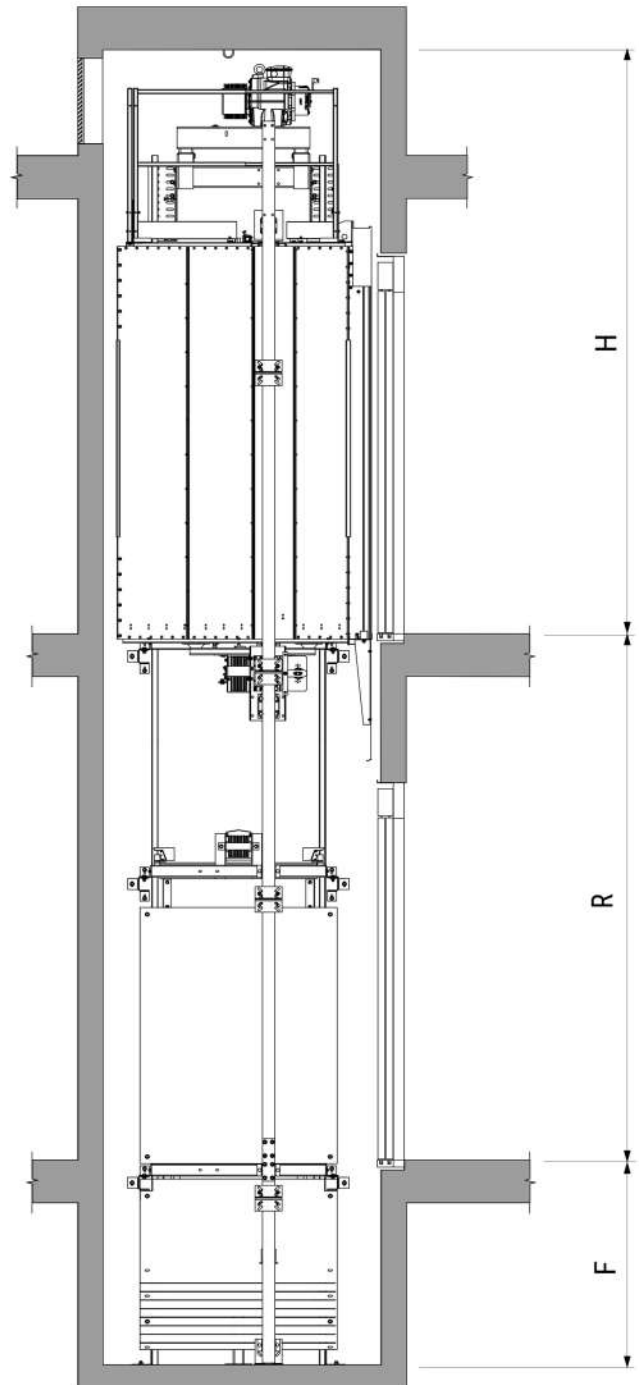


# Layouts and drawing

Plan view

















Height



PL	Door opening
AC	Car width
FC	Car depth
AH	Pit width
FH	Pit depth
R	Travel
H	Headroom
F	Pit

# Lifts Specification

Characteristics				Doors			Car			Pit			
Q Kg	P	V m/s	PT kW	T	PL mm	AP mm	AC mm	FC mm	A mm	AH mm	FH mm	F mm	H mm
													
225	3	1	2,03	2T	700	2000	800	900	2150	1300	1150	1470	3600
225	3	1	2,03	SB	700	2000	800	900	2150	1300	1110	1030	3600
320	4	1	2,72	2T	700	2000	900	1000	2150	1400	1250	1030	3600
320	4	1	2,72	SB	700	2000	900	1000	2150	1400	1200	1030	3600
375	5	1	3,2	2T	700	2000	1000	1100	2150	1500	1350	1005	3600
450	6	1	3,66	2T	800	2000	1000	1250	2150	1500	1500	1005	3600
525	7	1	4,25	2T	800	2000	1100	1250	2150	1600	1500	1005	3600
630	8	1	5	2T	900	2000	1100	1400	2150	1600	1650	1005	3600
675	9	1	5,44	2T	900	2000	1200	1400	2150	1700	1650	1005	3600
675	9	1	5,44	2C	800	2000	1200	1400	2150	1750	1610	1005	3600
<b>PT</b> Power <b>Q</b> Loading capacity <b>P</b> Max. n° of people <b>V</b> Speed				<b>PL</b> Doors opening <b>AP</b> Height of doors <b>2T</b> 2 Panel side openings <b>2C</b> 2 P. central openings <b>SB</b> Semi-automatic + bus <b>T</b> Type of door			<b>AC</b> Car width <b>FC</b> Car depth <b>A</b> Height			<b>AH</b> Pit width <b>FH</b> Pit depth <b>F</b> Pit <b>H</b> Headroom			

-Dimensions for standard cars and skinplate decoration with rubber or linoleum floors.

-If the dimensions of your lift and car do not correspond to that of the standard measurements consult our sales team.







-1 entrance car.

# Passenger Lifts

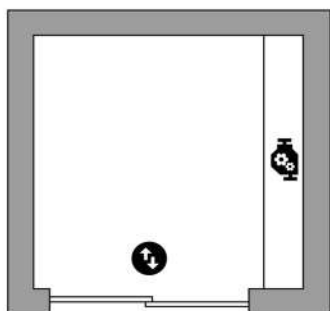
This model differs mainly by having a hydraulic pump to achieve the operation of the device.

Generally they require a machine room to be able to function. Due to the impossibility of having a sufficiently wide gap for a "Machine room-less installation" this model will be a valid option.

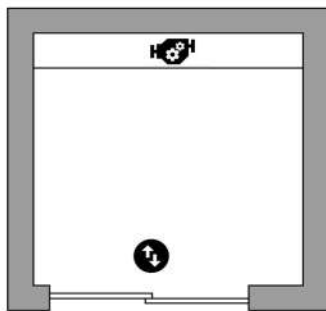
This lift is designed for communities, work centres, public buildings and homes.

-  750 - 2000 kg
-  10 - 26 persons
-  Maximum travel 45 m
-  At 180°, 90° and 0°
-  Hydraulic
-  Speed 0,63 m/s

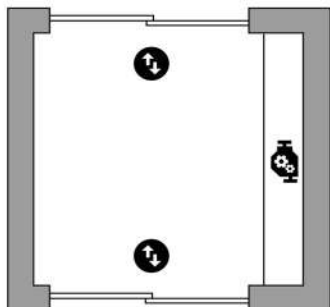
H\_1IL



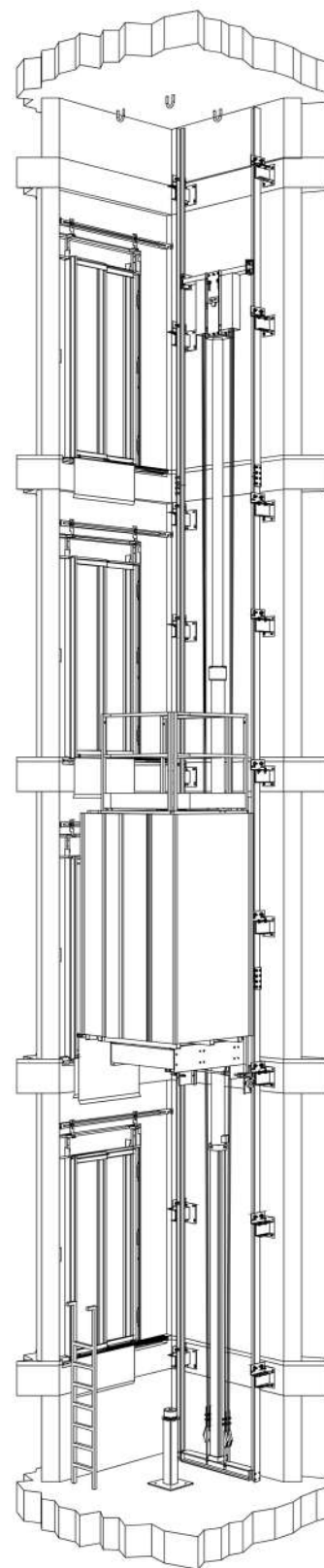
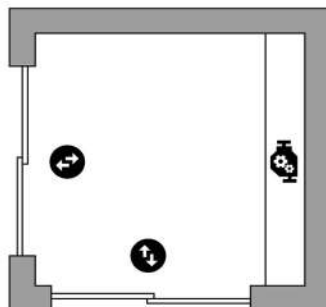
H\_1IF

















H\_2IL



H\_2IF



# Lifts Specification

Characteristics				Doors			Car			Pit			
Q Kg	P	V m/s	PT kW	T	PL mm	AP mm	AC mm	FC mm	A mm	AH mm	FH mm	F mm	H mm
													
750	10	1 - 1,6	5,04	2T	900	2000	1200	1500	2150	1800	1750	1100	3600
750	10	1 - 1,6	5,04	2C	900	2000	1200	1500	2150	1950	1720	1100	3600
825	11	1 - 1,6	5,83	2T	900	2000	1300	1500	2150	1900	1750	1100	3600
825	11	1 - 1,6	5,83	2C	900	2000	1300	1500	2150	1950	1720	1100	3600
900	12	1 - 1,6	6,64	2T	900	2000	1400	1500	2150	2000	1750	1100	3800
900	12	1 - 1,6	6,64	2C	900	2000	1400	1500	2150	2000	1720	1100	3800
1000	13	1 - 1,6	7,14	2T	900	2000	1100	2100	2150	1780	2350	1100	3600
1000	13	1 - 1,6	7,14	2C	900	2000	1100	2100	2150	1950	2320	1100	3600
1050	14	1 - 1,6	7,61	2T	1000	2000	1100	2200	2150	1780	2450	1100	3800
1050	14	1 - 1,6	7,61	2C	1000	2000	1100	2200	2150	1950	2420	1100	3800
1125	15	1 - 1,6	7,75	2T	1000	2000	1500	1700	2150	2180	1970	1100	3800
1125	15	1 - 1,6	7,75	2C	1000	2000	1500	1700	2150	2180	1940	1100	3800
1200	16	1 - 1,6	9,69	2T	1000	2000	1200	2200	2150	1880	2470	1100	3800
1200	16	1 - 1,6	9,69	2C	1000	2000	1200	2200	2150	2150	2440	1100	3800
1500	20	1 - 1,6	11	2T	1100	2000	1400	2400	2150	2150	2670	1200	4200
1500	20	1 - 1,6	11	2C	1100	2000	1400	2400	2150	2400	2640	1200	4200
1575	21	1 - 1,6	11	2T	1100	2000	1400	2500	2150	2150	2770	1200	4200
1575	21	1 - 1,6	11	2C	1100	2000	1400	2500	2150	2400	2740	1200	4200
1950	26	1 - 1,6	13,86	2T	1200	2000	1600	2500	2150	2400	2770	1200	4400
1950	26	1 - 1,6	13,86	2C	1200	2000	1600	2500	2150	2600	2740	1200	4400
3000	40	1 - 1,6	19,44	2T	1500	2000	2500	2900	2150	3450	3180	1300	4800

<b>PT</b> Power	<b>PL</b> Doors opening	<b>AC</b> Car width	<b>AH</b> Pit width
<b>Q</b> Loading capacity	<b>AP</b> Height of doors	<b>FC</b> Car depth	<b>FH</b> Pit depth
<b>P</b> Max. n° of people	<b>2C</b> 2 Panel side openings	<b>A</b> Height	<b>F</b> Pit
<b>V</b> Speed	<b>2T</b> 2 P. central openings		<b>H</b> Headroom
	<b>SB</b> Semi-automatic + bus		
	<b>T</b> Type of door		

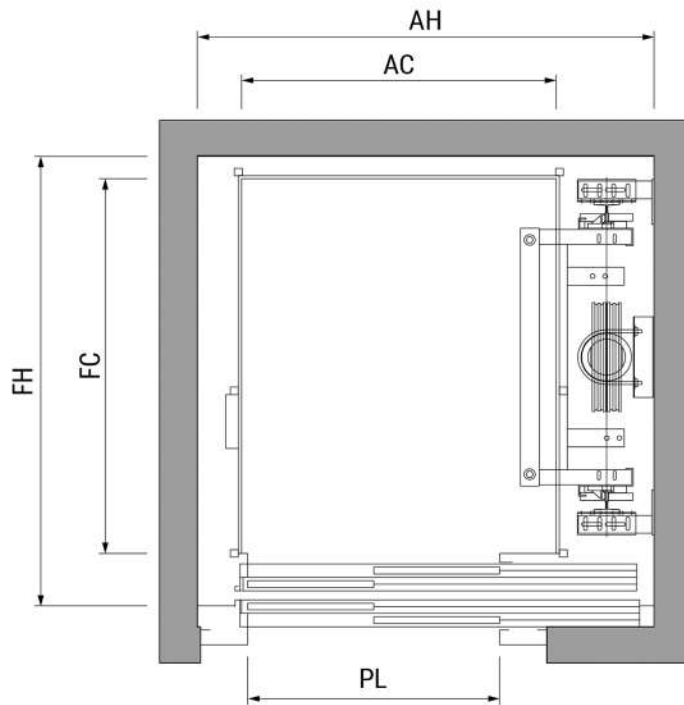
-Dimensions for standard cars and skinplate decoration with rubber or linoleum floors.

-If the dimensions of your lift and car do not correspond to that of the standard measurements consult our sales team.

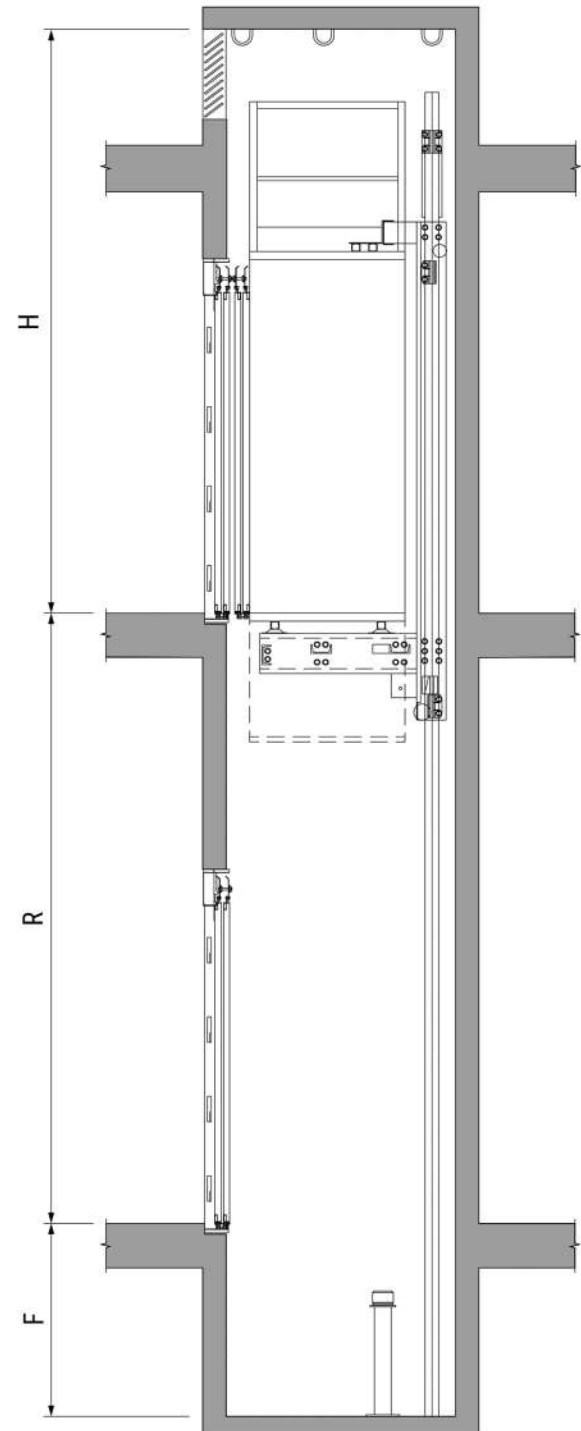
-1 entrance car.

# Layouts and drawing

**Plan view**

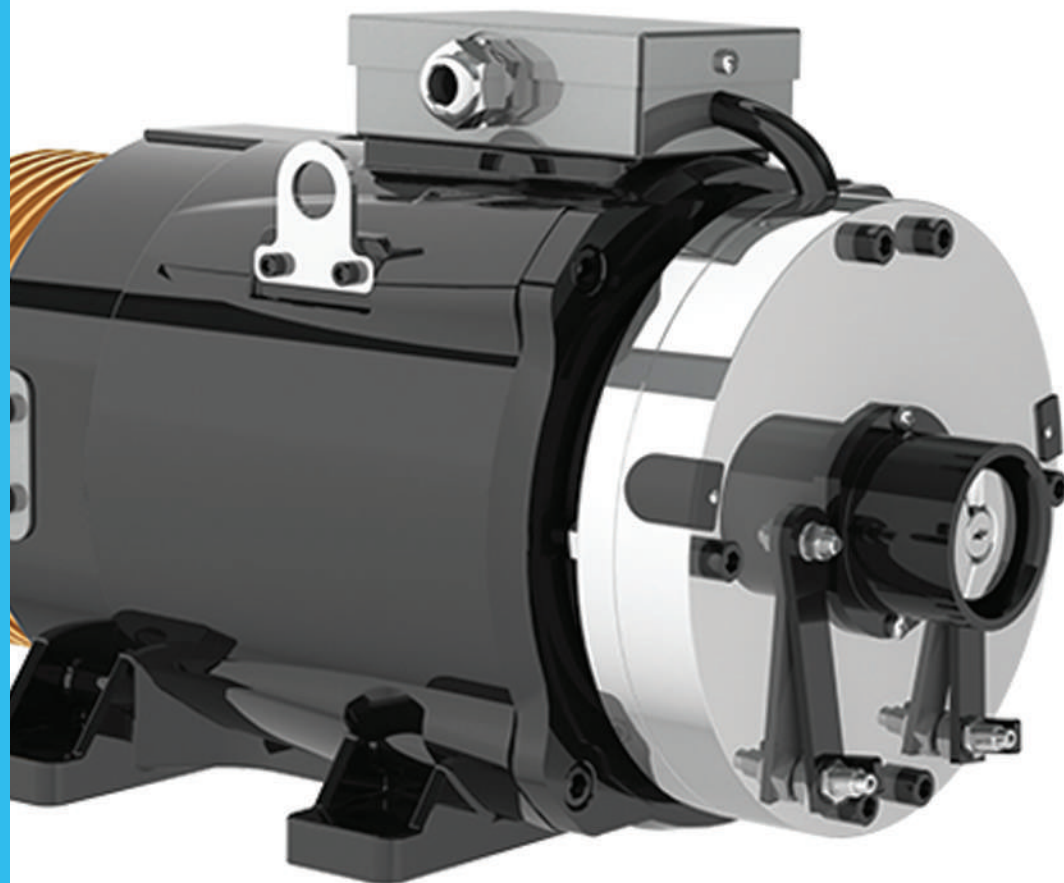


**Height**



- |           |              |
|-----------|--------------|
| <b>PL</b> | Door opening |
| <b>AC</b> | Car width    |
| <b>FC</b> | Car depth    |
| <b>AH</b> | Pit width    |
| <b>FH</b> | Pit depth    |
| <b>R</b>  | Travel       |
| <b>H</b>  | Headroom     |
| <b>F</b>  | Pit          |

# MOTOR AND CONTROL





**MRL**  
*Control Panel for Lifts With Machine Room*  
**VVVF**



**MRL**

*For Lifts Without Machine Room*  
**VVVF**



  
**EN 81-1/-2+A3**

  
**EN 81-73**

*Remote Monitoring Via Internet*



[www.albatrosslift.pl](http://www.albatrosslift.pl)

## Control Panel in Door Frame MRL Lifts

VVVF



- Harici 220VAC veya UPS için terminaller
- Kumanda sistemi ve MD-STO invertere erişim imkanı sağlayan ortak ekran ve tuş takımı
- Geri-al kumanda
- Elle fren açırma
- Terminals for external UPS or 220VAC power supply
- Common screen and keypad for controller and MD-STO inverter
- Re-call switch and buttons
- Manual brake release

**Kontaktörsüz ve Sessiz**  
**Contactless and Silent**





**DETAILS :-**

- **STRONG AND LIGHTWEIGHT**
- **ENERGY-SAVING**
- **HIGH PERFORMANCE**
- **CAPACITY 320-4000KG**
- **SPEED /5.0MS-0.63MS**

**VVVF GEARED MOTOR**



**VVVF GEARLESS MOTOR**





Lop-01



Lop-02



Lop-03



Lop-04



Lop-05



Lop-06



Lop-07



Lop-08



Lop-09



Lop-10



Lop-11



Lop-12

80x250mm : door side indicator



Supports -9 to 19 floors

**RN1072**

7 Segment parallel

**RN1272**

7 Segment parallel prewired



Supports -9 to 99 floors

**RN1072**

7 Segment serial prewired



Supports -9 to 99 floors

**RN1012**

LED matrix serial prewired



Supports -9 to 19 floors



Supports -9 to 99 floors



Supports -9 to 99 floors



AO4110



AO4180



AV1202



AV2202



AO1012



AO2012



AO1072



AO2072



AO10B2



AO20B2



AO1022



AO2022



AO10B2



AO20B2



FS931



FS952



FS931.DX2



FS952.DX2

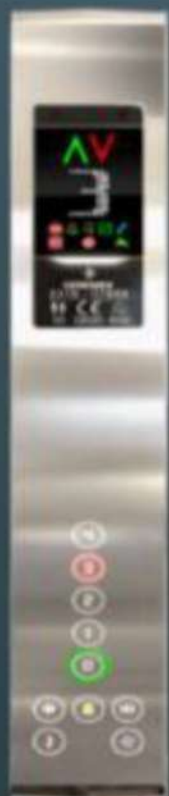




<b>EPAK / MEGA7</b>
<b>7 Segment</b>
EP931.MG7V.DS
EP932.MG7V.DS
EP933.MG7V.DS
EP954.MG7V.DS
EP955.MG7V.DS
<b>LED matrix</b>
EP931.MG7V.DM
EP932.MG7V.DM
EP933.MG7V.DM
EP954.MG7V.DM
EP955.MG7V.DM
<b>7" Color TFT</b>
EP931.MG7V.TFT
EP932.MG7V.TFT
EP933.MG7V.TFT
EP954.MG7V.TFT
EP955.MG7V.TFT

# MEGA 7 | DM

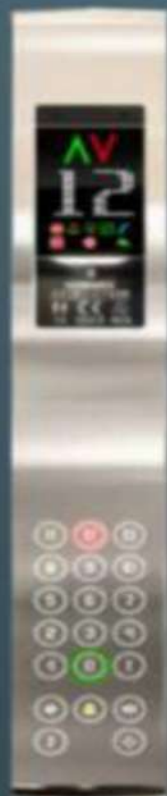
NEW PRODUCT



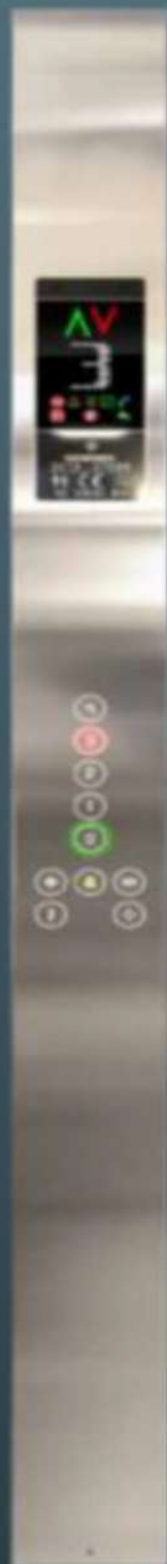
731.M67V.DM



732.M67V.DM



733.M67V.DM



931.M67V.DM



932.M67V.DM



933.M67V.DM



# Color TFT AVOX



7G1.OT4

7G2.OT4

7G3.OT4

7GF.OT4

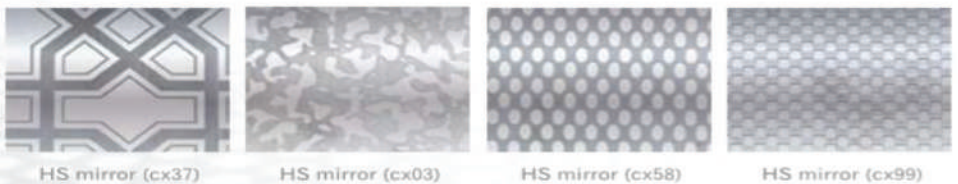
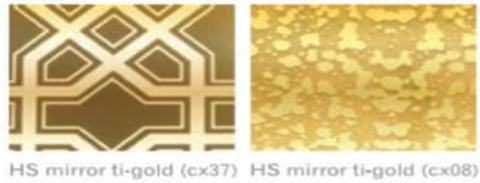
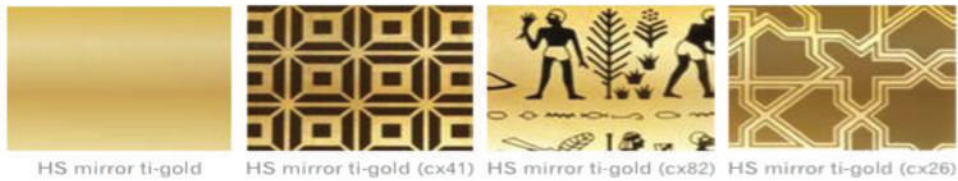
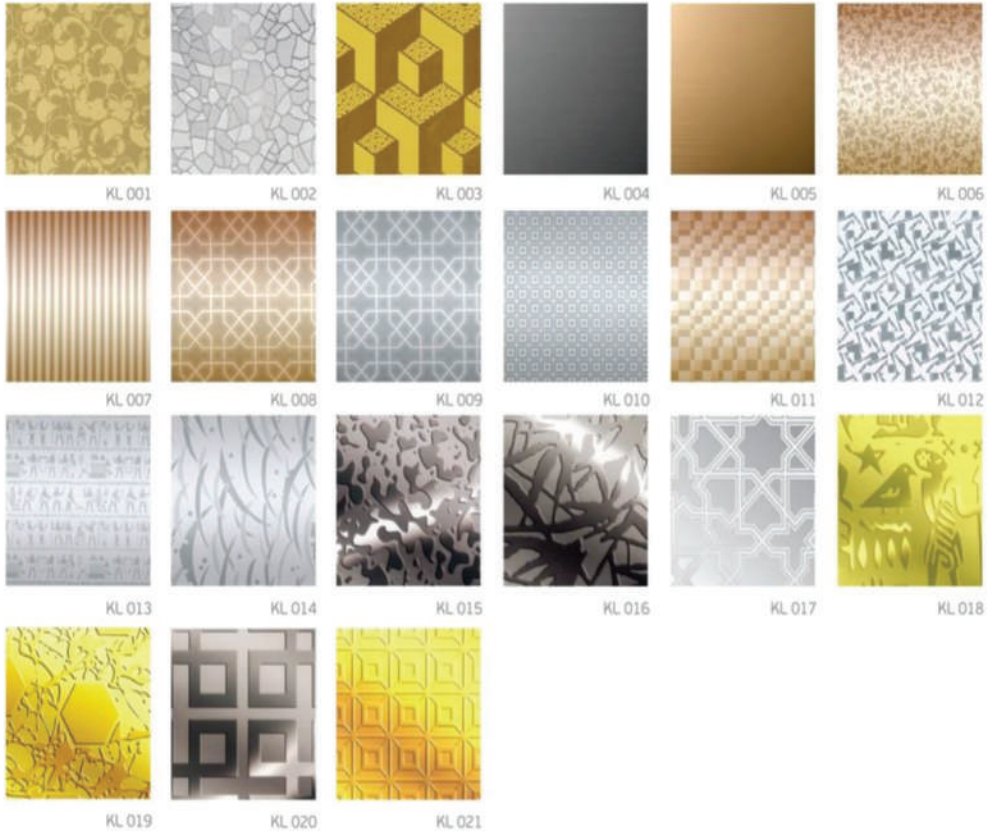
9GF.OT4

[www.albatrosslift.pl](http://www.albatrosslift.pl)

# CEILINGGS AND OTHERS



# CABIN MIRRORS EACHING STAINLESS STEEL



# CABIN LAMINATION DESIGN



015



016



017



018



019



020



021



022



023



024



025



026



027



028



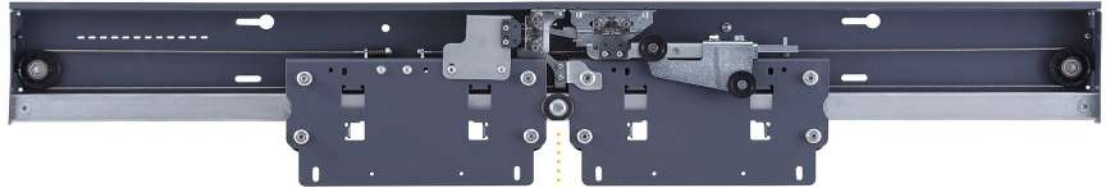
[www.albatrosslift.pl](http://www.albatrosslift.pl)

High quality dumbwaiters suitable for restaurants, hotels, offices, hospitals and others buildings.



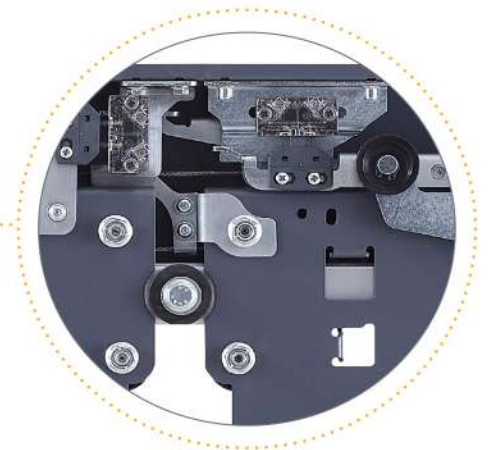
dumbwaiters





## TECHNICAL SPECIFICATIONS

- CE locking system
- Compliant with EN 81-58 and EN 81-20
- Telescopic 2 Panel E 120, E 60, EW 120 Fire Resistance Class
- Easy panel adjustment
- Lock position adjustment
- Spring stiffness adjustment
- Mechanism position adjustment
- Standart production between 600mm to 1600mm
- Stainless steel frame and panel covering on A1 DKP with electro static powder coating
- Shrink packaging
- Product option for special usage and design

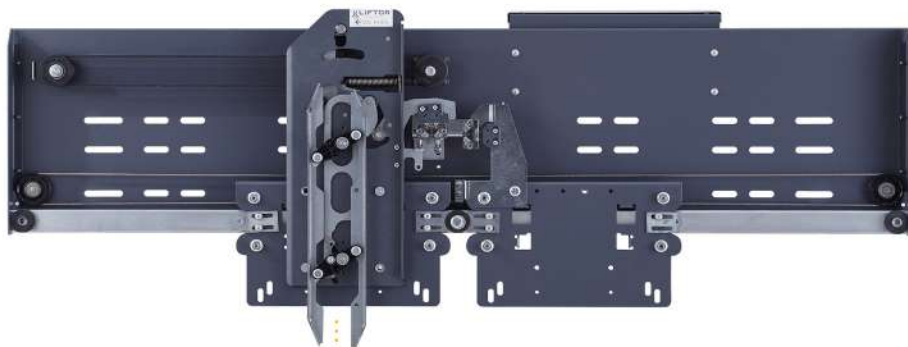






### TEKNİK ÖZELLİKLER

- DC-PWM sürücü limit switchsiz
- 220 V AC besleme gerilimi
- 24 V Redüktörlü DC motor
- 2 kanallı , 5V DC 100 ppr encoder
- Yıllık açma kapama sayısı: 1.000.000
- Hata kayıt özelliği
- Boyut, uzunluk ve hız parametreleri
- Farklı yönlere ayarlanabilen kapı gücü
- Tek sinyal (kapama sinyali) ile çalışabilme
- Pratik montaj
- Kolay panel ayarı
- 24 Saat deneme sonrası sevkiyat
- 600mm'den 1600mm Standart Üretim
- A1 DPK üzerine paslanmaz kasa ve panel kaplama
- Özel kullanım ve dizaynlar için üretim seçeneği



## TECHNICAL SPECIFICATIONS

- DC-PWM driver without limit switch
- 220 V AC supply voltage
- 24 V DC reducer motor
- 2 channel , 5V DC 100 ppr encoder
- The number of opening/closing cycles per year: 1.000.000
- Error recording property
- Size, length and velocity parameters
- Adjustable door power in different directions
- Ability to operate with single (close) signal
- Practical assembly
- Easy panel adjustment
- 24 Hours quality control before delivery
- Standart producion between 600mm to 1600mm
- Stainless Steel covering on A1 DKP with electro static powdder coating
- Product option for special usage and design



# RENK VE DESEN SEÇENEKLERİ

COLOR AND DESIGN OPTIONS



## RAL SEÇENEKLERİ

RAL COLORS



## DÖVME SEÇENEKLERİ

ANTIQUÉ COLOURS OPTIONS

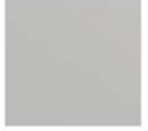


## PASLANMAZ SEÇENEKLERİ

SPECIAL COLORS



NOKTA D.304  
HAIRLINE 304



SATİNE 304  
SATINE 304

## DECOSTEEL SEÇENEKLERİ

DECOSTEEL COLORS

\* Diğer decosteel seçenekleri için  
[www.asgemetal.com](http://www.asgemetal.com) adresini ziyaret ediniz.

\* For other decosteel options, please visit  
[www.asgemetal.com](http://www.asgemetal.com).



DG-01 GOLD



DG-02



DG-05



DG-20



DG-26



DR-26

## AHŞAP BOYAMA

WOODEN PAINTING



KAYIN  
BEECH

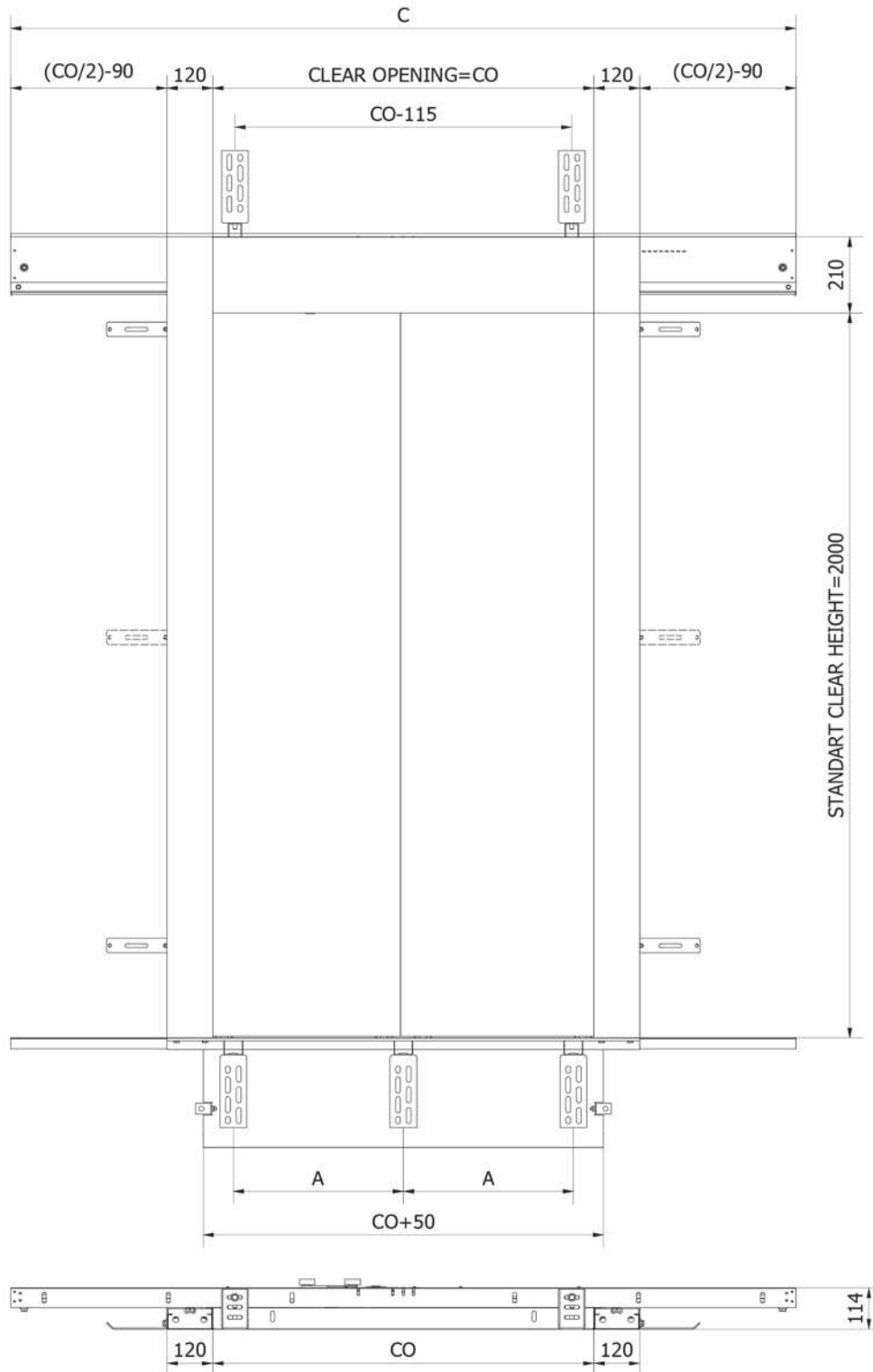


CEVİZ  
WALNUT

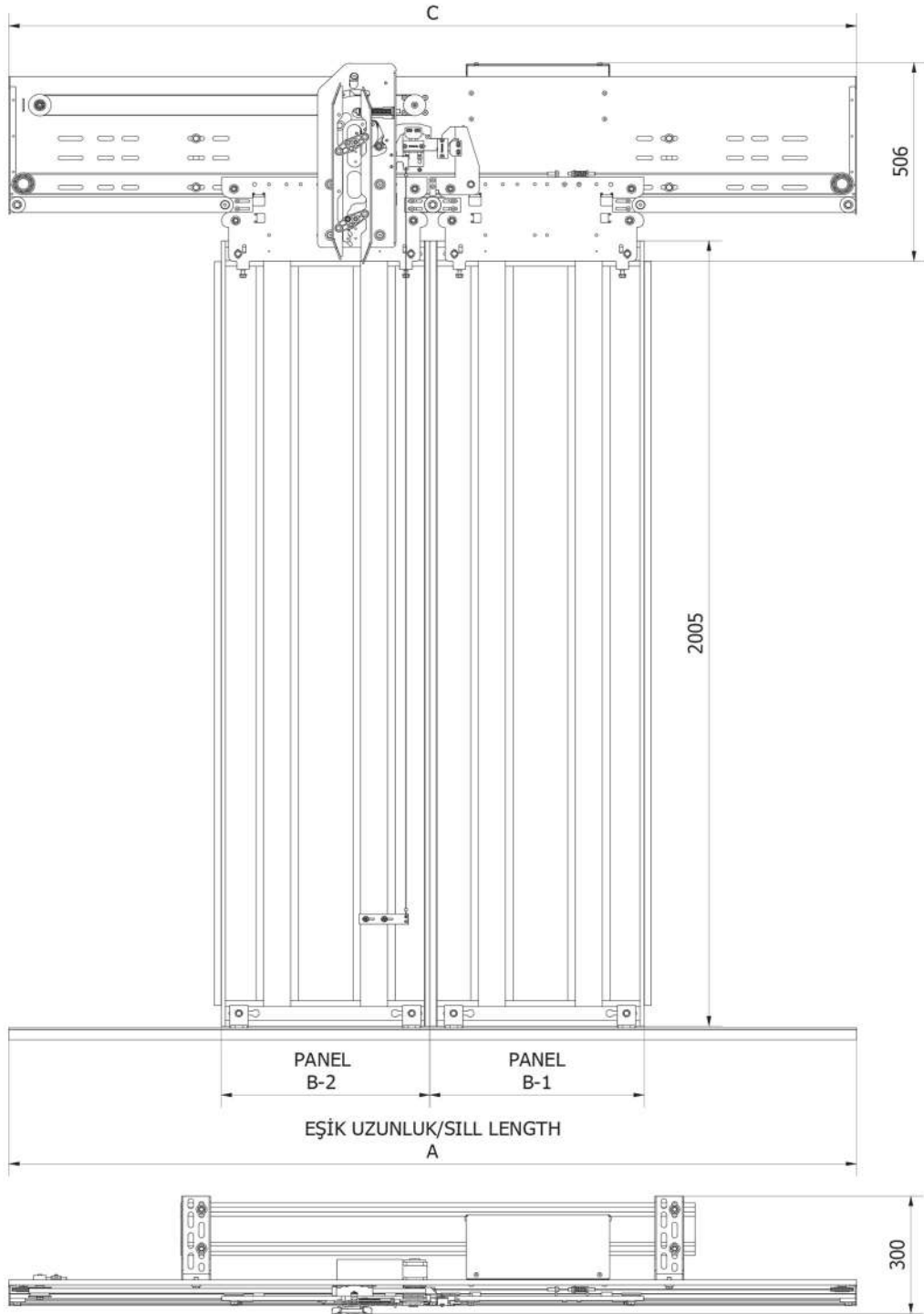
[www.albatrosslift.pl](http://www.albatrosslift.pl)



**2 PANEL MERKEZİ / LT-2PC**  
2 PANELS CENTRAL



CO	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
C	1260	1460	1660	1860	2060	2260	2460	2660	2860	3060	3260
A	246	296	346	396	446	496	546	596	646	696	746



C0	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
C	1260	1460	1660	1860	2060	2260	2460	2660	2860	3060	3260
A	1260	1460	1660	1860	2060	2260	2460	2660	2860	3060	3260
B-1	320	370	420	470	520	570	620	670	720	770	820
B-2	305	355	405	455	505	555	605	655	705	755	805

**TEKNİK ÖZELLİKLER**

- CE belgeli kilit sistemi
- EN 81-58 ve EN 81-20 uyumlu
- Teleskopik 2 Panel yangın dayanım sınıfı E120, E60, EW120
- Kolay panel ayarı
- Kilit pozisyon ayarı
- Yay sertlik ayarı
- Mekanizma pozisyon ayarı
- 600mm'den 1600mm Standart Üretim
- A1 DPK üzerine paslanmaz kasa ve panel kaplama
- Shrink paketlenme
- Özel kullanım ve dizaynlar için üretim seçeneği


















[www.albatrosslift.pl](http://www.albatrosslift.pl)

Escalators and moving walks are transport equipments suitable for heavy traffic locations such as, shopping centers, metro stations, airports, etc.

## escalators and moving walkways



# ESCALATOR

Characteristics				Dimensions					Pit					
PH	H mm	I	V m/s	A mm	B mm	C mm	LX mm	L mm	D mm	F mm	EP	E mm		
														
4500	6000	35°	0,5	600	838	1140	13473		1200	1400	2	4100		
6750	6000	35°	0,5	800	1038	1340	13473	(H x 1,428) + 4905	1400	1400	2	4100		
9000	6000	35°	0,5	1000	1238	1540	13473		1600	1400	2	4100		
4500	6000 10000	30°	0,5	600	838	1140	15150	(H x 1,732) + 4765	1200	1400	2	4300		
6750		30°	0,5	800	1038	1340	23065*	(H x 1,732) + 5745	1400	1400			3	4800
9000		30°	0,5	1000	1238	1540			1600	1400				
4500	6000 10000 <sup>(1)</sup>	30°	0,5	600	838	1140	15150	(H x 1,732) + 4765	1200	1150	2	4300		
6750		30°	0,5	800	1038	1340	23065*	(H x 1,732) + 5745	1400	1150			3	4800
9000		30°	0,5	1000	1238	1540			1600	1150				
<b>PH</b> People per hour <b>H</b> Maximum height <b>I</b> Inclination <b>V</b> Speed				<b>LX</b> Maximum length without support <b>A</b> Step width <b>B</b> Length between handrails <b>C</b> Outside width <b>L</b> Distance between landings					<b>EP</b> Flat steps in landing <b>D</b> Pit width <b>F</b> Pit height <b>E</b> Pit depth					

\*It takes 1 pillar of reinforcement; the measurements of L, L1 or L2 should not exceed 15 metres when using a pillar.

The height of said pillar corresponds to  $H1 = 0.57735 * (L1 - 2.685) - 1.435$

\*<sup>(1)</sup> The 10000 mm model is an individual model

-The individual model of 35° and 30° can go both indoors and outdoors, the 30° double model can only go indoors.

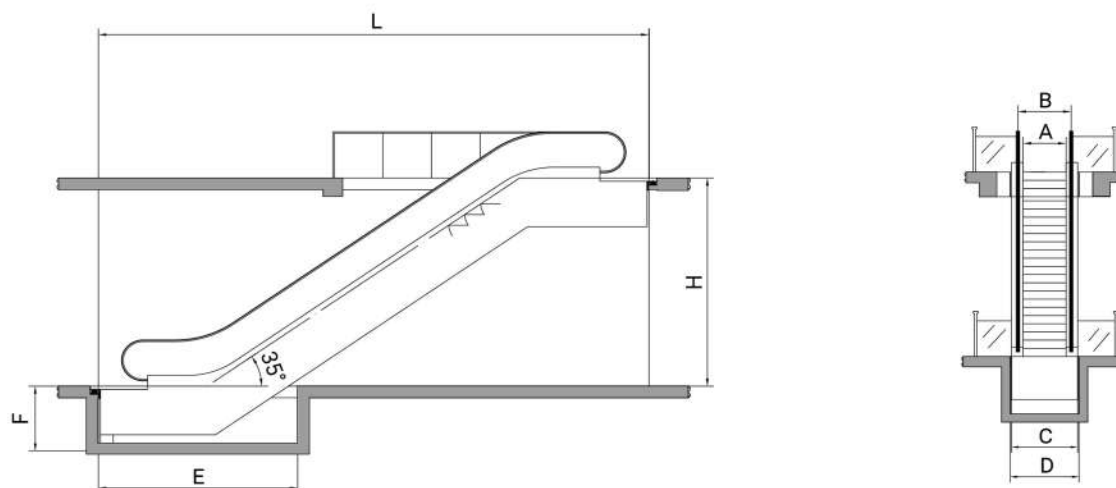
-Standard dimensions.

-The supply and assembly of escalators and moving walkways will only be carried out with in Spanish territory.

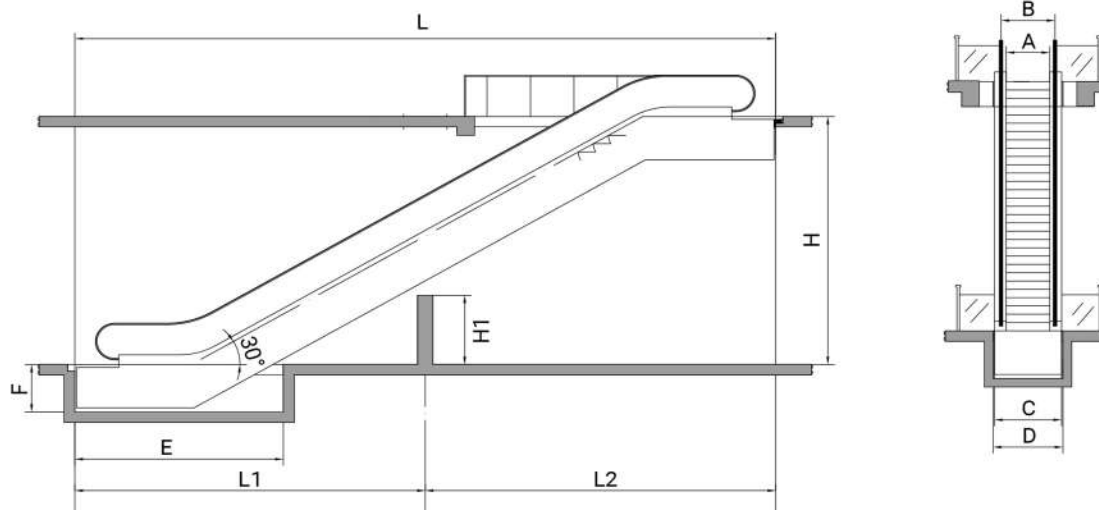
-If the steps of your escalator do not correspond to that of the standard measurements consult our sales team.

# Layouts and drawing

## Model 35°



## Model 30°



- A Step width
- B Length between handrails
- C Outside width
- D Pit width
- E Pit depth
- H Maximum height
- F Pit height
- L Distance between landings

# Moving walkway

## Mobility

---

These types of systems are frequent in airports to facilitate access in long stretches between terminals or within them. They are also found in supermarkets with several levels, since unlike escalators, they also allow transport with the cart. The angle of inclination must not exceed 7° or 12,3% in order to be considered suitable for people with reduced mobility.

The travelators have variable speeds, which increases at the beginning, shortly after detecting a weight and it is reduced shortly before it leaves the belt. The difference in speed is approx. Factor 1,8. The technical solution consists of separating or approaching the plates in the central zone, thus achieving difference speeds in different sections of the same belt.

---

	6750 - 13500 People/hour		0° and 12°
	Maximum height 6 - 8 m		Electric
	Step width 800 - 1400 mm		Speed 0,50 m/s

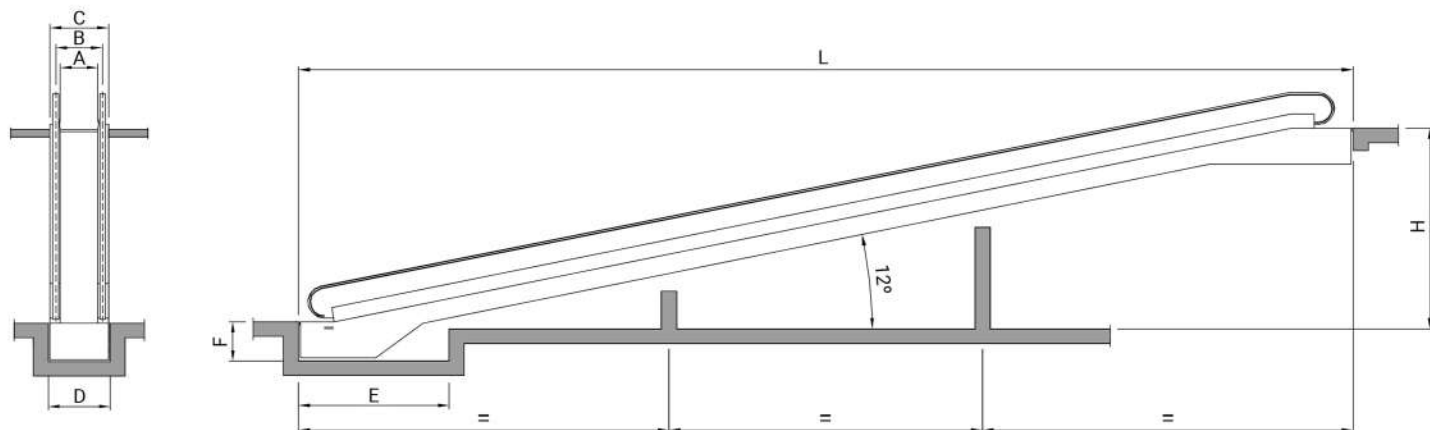
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### Basic configuration

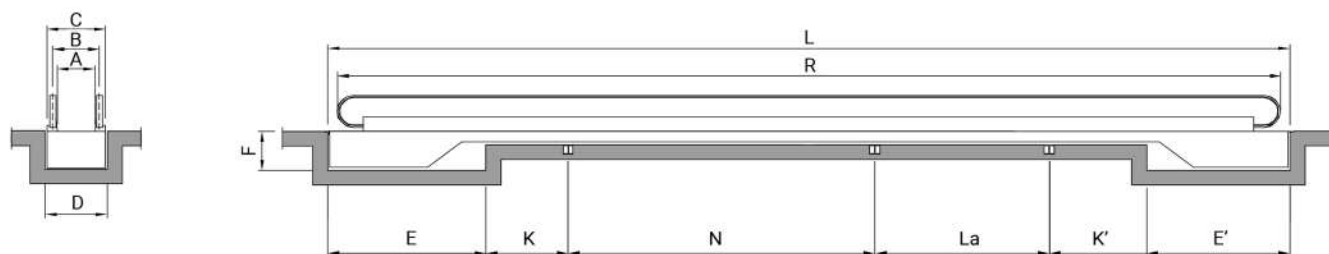
- Auto-lube.
- Auxiliary brake, according to EN-115.
- Black handrail.
- Contact for static electricity.
- Emergency stop push button.
- Security contacts in railing entrance.
- Security contact in the chain.
- Direction change sensor.
- Short circuit contact.
- RCD protections.
- Speed sensor.
- Emergency sensor for break of rung and chain.
- Light in access/exits.
- Fault log display.

# Layouts and drawing

## 12° Inclined
















## 0° Horizontal



<b>La</b>	Dimensions to consult
<b>A</b>	Step width
<b>B</b>	Length between handrails
<b>C</b>	Outside width
<b>D</b>	Pit width
<b>E</b>	Pit length 1 (Machinery zone)
<b>E'</b>	Pit length 2 (return zone)
<b>H</b>	Maximum height
<b>F</b>	Pit depth
<b>L</b>	Distance between landings
<b>R</b>	Handrail length
<b>K</b>	Constant - 1.070mm
<b>K'</b>	Constant - 1.230mm
<b>N</b>	Dimensions to consult

## Moving walkway

Characteristics				Dimensions					Pit			
PH	H m	I	V m/s	A mm	B mm	C mm	LX mm	L mm	D mm	F mm	E mm	E' mm
												
6750	8	12°	0,5	800	1038	1340	14994 29978 <sup>(1)</sup>	(Hx4,7046) +	1400	1100	4000	-
9000	8	12°	0,5	1000	1238	1540	40187 <sup>(1)</sup>	2550	1600	1100	4000	-
6750	6	12°	0,5	800	1038	1340	17403 32402 <sup>(2)</sup>	(Hx4,7046) +	1400	1100	5600	-
9000	6	12°	0,5	1000	1238	1540	33103 <sup>(2)</sup>	4875	1600	1100	5600	-
6750	-	0°	0,5	800	1038	1340	9000	R+1020	1400	1200	5000	5700
9000	-	0°	0,5	1000	1238	1540	9000	R+1020	1600	1200	5000	5700
11250	-	0°	0,5	1200	1430	1740	9000	R+1020	1800	1200	5000	5700
13500	-	0°	0,5	1400	1648	1950	9000	R+1020	2010	1200	5000	5700
<b>PH</b> People per hour <b>H</b> Maximum height <b>I</b> Inclination <b>V</b> Speed				<b>LX</b> Maximum length without support <b>A</b> Step width <b>B</b> Length between handrails <b>C</b> Outside width <b>L</b> Distance between landings					<b>D</b> Pit width <b>F</b> Pit depth <b>E</b> Pit depth 1 <b>E'</b> Pit depth 2			

\*(1) 1 Pillar if H> 2,645, 2 Pillars if H> 5,830

\* (2) 1 Pillar if H>2,663 2 Pillars if H> 5,852

-The length range of the "horizontal 0 °" model is 12m ≤ L ≤ 100m

-Standard dimensions.

-The supply and assembly of escalators and travelators will only be carried out within Spanish territory.

-If the pit dimensions of your travelators do not correspond to that of the standard measurements, consult our sales team.

A dynamic organization with experienced professionals, good logistics and efficient communications. Anywhere in the country, the technical and human resources ensure support and assistance at the right time.

maintenance and services





### ● Classic 29

In which geometrical surface lines are positioned symmetrically with its wooden texture brings the wooden stylish, simple, and warm atmosphere to your elevator cabin.





### ● Classic 30

This cabin where the metal materials are placed in a crossed shape . the side surface can include the image of your choice from our catalogue.



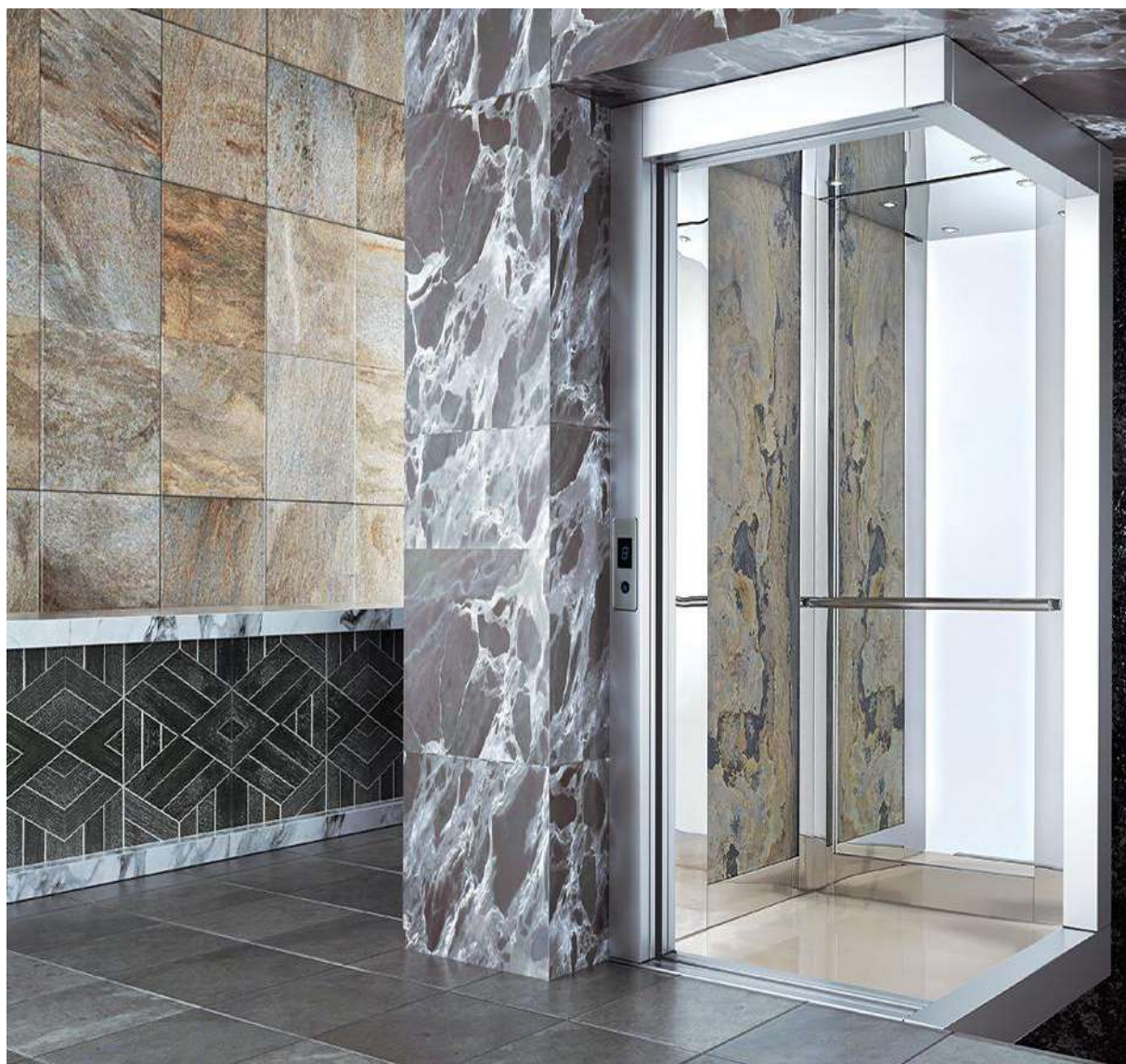
● **ELITE :27**

With the bright and luster side surfaces this Model brings the feelings of cleanliness and health in your cabin . the glass instalments in the cabin will add dynamism and freshness into your building.



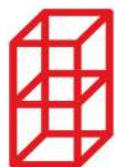
## ● ELITE 28

Decorative woodpanels & Super mirror stainless steel  
Handle a single row Full-length mirror Naturalgranite floor  
Laser cut ceiling + with spotlights



## ● ELITE 29

Decorative stone surfacing panels Super mirror stainless steel accessories Handle a single row Full-length mirror Natural granite floor Ceiling with spotlights EN 81-20/50



Whether it's inside or outside environments, when the place doesn't have a proper shaft to install the lift, home lift or dumbwaiter, **ALBA ROSS®** studies the best solution for you. We provide appropriate metal structures for the purpose.

lift structures



ELEVATOR MARKET LEADER

EXPORT AROUND THE WORLD



**ALBATROSS GROUP**

Ul.dolna4,00-774,Mokotow, warsaw, Poland.

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Web. : [www.albatrosslift.pl](http://www.albatrosslift.pl)