

CATALOGUE

ELEVATOR SYSTEMS ROBOTIC PARKING SYSTEMS ESCALATOR MOVING WALKWAYS TOUCHLESS TECHNOLOGY CABINS DOORS SPARE PARTS ACCESSORIES

# ASCENDING TOCETHER



THE ELLIES 2022 Best Supplier – Parts

Headquarters: Bloomfield, Connecticut Runner up: Alamex Headquarters: Mexico City



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# **ABOUT ALAMEX**

We are a young and dynamic company, we began operations in Latin America in 2011, with more than 20 years of experience. At Alamex, we design top-quality lifting solutions with cutting-edge innovations.

Alamex is a company specialized in designing, developping, manufacturing, distributing, installing, and maintaining high-tech lifting solutions. We produce all types of elevator systems including passsenger elevators, home elevators, platform elevators, dumbwaiters, construction elevators, cargo elevators, and more.

We have exports to more than 55 countries in Europe, North America, South America, Africa, Asia & Australia.

All our products are manufactured in accordance with the lastes European Standards for Safety and Quality, which guarantees high durability with minimal maintainance.

Service Elevator (Dumbwaiter)

Cargo Elevator

#### **Elevator Systems**

- Passenger Elevator
- Home Elevator
- Platform Elevator
- **Parking Systems**
- Car Lift Platform
- Car Stack
- Automated Parking Systems

#### **Escalators & Moving Walkways**

- Escalators
- Moving Walkways

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# **WHY CHOOSE US**





Lifting solutions from conceptualization and design to specify the installation and maintenance.



National and international certifications of compliance with the latest safety and quality standart.









24/7 custumer support in 6 languages

# CERTIFICATES







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**HYDRAULIC** 

BUFFER

**Devices For Locking** 

Cabin Doors

# **INTERNATIONAL PRESENCE**



Thanks to our professional team, we could improve our product quality and develop new technologies to the extend that we bacame internationally well-known for our unique products and services.

Our exports extends internationally, currently to more than 55 countries in 5 continents around the world.

We also provide a 24/7 customer support in 6 languages.



Barbados Canada Costa Rica Guatemala Mexico Panama The Salvador USA **Colombia** Paraguay

Egypt Ethiopia Kenya Libya Mauritania Morocco Mozambique Tunisia Zanzibar

Algeria

Belarus Danimark Greece Italy Netherlands Romania Russia Slovakia Ukraine

Armenia Bahrain Dubai Azerbaijan Georgia Iraq Jordan Kazakhstan Kuwait Lebanon Oman Palestine Philippines Oatar Saudi Arabia Syria Turkmenistan UAE

#### Australia

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# ELEVATOR



## ALAMEX ELEVATOR

Since its foundation, Alamex's main policy is to provide the best quality lifting systems and all products are manufactured in accordance with the latest European Standards for Quality and Safety, which guarantees high quality and durability with minimal maintenance.



High quality products with warranty againsts manufacturing defects up to 5 years



Reduction in installation time and cost.



Unique elevator design according to the required preferences.



Variety of cabin models & operation panels.



Security processes to ensure that the system is 100% secure.



Minimal need for mainainance

## TRACTION ELEVATOR

This type of elevators, a counterweight system is used, achieving a highly efficient lifting proccess. It is used with medium and high speed equipment, the use of a counterweight helps to reduce the weight that the tractor unit must drag, thus reducing the power required to raise the cabin.

According to their functionality and structure, they are classified as follows:

- MR MRL-L MRL-G
- Hydraulic Elevator
- Hydraulic Cargo Elevator
- Hydraulic Platform Elevator
- Enclosed Elevator System
- Cabin Telescopic closed platform
- Open Platform Lift
- Service Elevator



### TRACTION ELEVATOR - MR

The Machine-Room (MR) traction elevator has a machine room above the hoistway, so that the machinery and the equipments are in a separate space from the bucket, making its maintenance much easier.

If we divided the spaces necessary for the installation of an elevator into parts, we could group them into three main parts:

#### **Machine Room**

It is one of the most important areas, as it contains the control panel, the traction machine and the speed regulator.

#### **Overhead**

The area from the top of the upper finished floor to the nearest overhead obstruction within the shaft

#### Pit

The depression below the surface of the lowest landing that allows the elevator floor to be level with the floor of the lowest landing



#### TRACTION ELEVATOR - MRL- L

This system has important advantages from an architectural point of view, since we can avoid the classic machine room and thus obtain a better use of the spaces at the time of installation and thus save it for other purposes.

The traction machine is located inside the cube, while the control is installed on a panel located on the last upper level, next to the elevator door.



#### MRL-L: Cabin chassis model



#### TRACTION ELEVATOR - MRL- G

It features a compact, quiet, gearless, and highly energy efficient permanent magnet technology machine. The reduced weight and the flexibility of the system make it possible to use a more compact machine that optimizes the occupation of space with a more efficient engine, without oil changes, with minimum need for maintenance and therefore more ecologically advantageous.

MRL-G: Cabin chassis model G.

#### HYDRAULIC ELEVATOR

The increase in demand in the European market during the last decade, in combination with the flexibility of the new European regulations, guided Alamex towards the design, certification and supply of hydraulic lifts.

The power module is the most comfortable option from an architectural point of view, since it can be located in the lower or basement part of the building.



Travel from 12 to 15 meters.



Smooth and quiet operation. Easily adapts to tight spaces.



In the event of a power outage, it has an alternative system that allows reaching the closest level, allowing the safe exit of passengers.



Energy consumption only on the rise. On the way down, use gravity without the need to consume.



low-cost installation and maintenance prices. Fewer number of components.



## HYDRAULIC CARGO ELEVATOR

It is suitable for use in industrial facilities and warehouses. The flexibility in dimensions and capacities make it adaptable for any special requirement.







Manufactured in accordance with machinery directive 2006/42 / EC and EN-81.

Pre-assembled in rigid steel structure.

Available with platform, half cab, or full cab



Minimum requirements in bucket depth and machine room.



Capacity from 200 to 5,000 Kg.



Maximum speed of 0.6 m / s

# HYDRAULIC ELEVATOR PLATFORM ELEVATOR

At Alamex we present a new lifting solution for limited spaces, where the dimensions of some architectural space are not possible to place a conventional elevator, giving rise to the flexibility and easy installation of a home lift.

The great advantages of the home lift is that it optimizes the available spaces in new or existing buildings, having minimal electrical consumption, an avant-garde design and easy installation.



Minimum requirements in bucket depth and machine room.



Capacity from 200 to 5,000 Kg.



Maximum speed of 0.6 m / s



Manufactured in accordance with machinery directive 2006/42 / EC and EN-81.







Available with platform, half cab, or full cab



# **OPEN PLATFORM**

#### Easy and trouble-free installation in any area as it does not require a pit

This type is very practical and has a wide areas of usage like houses, temples, public institutions..etc Could be used indoor and outdoor and easy to install on floor directly with A minimum for a pit. It could be hydraulic or electric, with platform or a cabin, also with a possibility of a wide choices of decoration to suit your style. This type has a minimum need for spare parts and maintenance and could be up to 7 stops. Of course, this type is produced within 2006/42 EC regulations with CE certification.

#### **TECHNICIAL SPECIFICATIONS**

Drive Type	Hydraulic / Worm Screw
Load Capability	315 / 400 kg
Distance	15 mt
Speed	0,15 mt/sec
Platform Internal Dimensions	1100*1400 mm / (Standard Dimension)
Platform External Dimensions	1600*1600 mm / (Standard Dimension)
Pit	120 mm – 150 mm – 250 mm
Door	Fully Automatic
Emergency Rescue System	Ups / Manual
Announcment System	3 Languages / English, Arabic, France, Spain
Intercom System	Available
Main power requirement	220 V AC - 50 Hz -Monofaze / 380 V AC - 50 Hz -Three Phase







0,15 m/s



TOTAL SPEED

DRIVE SYSTEM

Hydraulic - Screw



2 Years









## CLOSED PLATFORM

#### **TECHNICIAL SPECIFICATIONS**

Product Information	KP 901 Cabin type technical specification
Number of Stop	Min. 2 stops (Diagonal)
Travel Distance	Minimum 500 mm - Maximum optional
Speed	Minimum 0,07 mt/sn-Maximum 0,40 mt/sn
Carrying capacity	Minimum 250 kg - Maximum 400 kg
Steel Structure	Laser Cut Steel ESB Painted
Steel Structure Coating	White Glass - Fumed Glass Colored Glass (Green, yellow, Blue) Composite (colored)
Doors	Swing Door (Circular Automatic Door) Telescopic Door (Full Automatic) Telescopic Door with Glass (Full Automatic) Folding Door (Automatic)
Floor door size	Minimum 600x2000mm Maximum 900X2000 mm
Cabin door size	Minimum 600x2000mm Maximum 900X2000 mm
Platform inner size	Minimum 750x440mm Maximum 1100*1300 mm
Platform outer size	Minimum 1000x1000mm Maximum 1600*1600 mm
Platform outer color	RAL 7012 - 7016 - 7032 - 7035 - 9006 - 9016
Cabin	Yes
Cabin coating	304 Quality Stainless Steel Decostil Cabin - Glass Cabin - Wooden Cabin
Drive system	Double Speed Hydraulic, Soft Stop Start, Silent Unit
Pit depth	Minimum 250 mm







CABIN HEIGHT 2.500 mm



TOTAL SPEED 0,15 m/s-0,40 m/s



RIVE SYSTEM	
ydraulic	









4

CABIN OPTIONS Platform - Cabin

POWER SUPPLY

220 - 380 v (AC)

FLOOR NUMBER

# **OPEN PLATFORM LIFT**

#### User and environmental safety is kept at the highest Level

This model structured on double pillars. It has high safety standards and stylish. It can be used safely inside and outside. The outer cover is made of steel sheet with a electrostatic coating (stainless steel cover is optional). Does not required pit and can travel up to 3 meter height.

Areas of usage; School, Temples, Police station, Rehabilitation center, Public institutions, Hotels, Health facilities, Training centers, Housing estates.

MK 901 model is manufactured within the standards of 2006/42 / EC and is presented to the market with CE marking. User and environment safety are in highest level.

#### **TECHNICIAL SPECIFICATIONS**

Drive Type	Hydraulic / Screw
Carrying Capacity	315 kg
Maximum Travel Distance	3 mt
Working Speed	0,15 mt/sec
Platform Internal Dimensions	900*1400 mm / (Standart Dimension)
Platform External Dimensions	1400*1400 mm / (Standard Dimension)
Pit	100 mm
Door	Automatic Locking-Safety Switch (Optional)
Controls	Locked Controls On Floors And Platform Emergency Stop Button
Safety	Anti Jamming Switches Under The Table / Bellows (Optional)
Main power requirement	220 V AC -50 Hz-Monofaze 220 V AC- 50 Hz-Single Phase 380 V AC -50 Hz-Monofaze 380 V AC- 50 Hz-Single Phase



**POWER SUPPLY** 

220 - 380 v (AC)

FLOOR NUMBER





TOTAL SPEED 0,15 m/s



DRIVE SYSTEM Hydraulic - Screw







TRAVEL HEIGHT 3 m





2

# SERVICE ELEVATOR

### TRACTION ELEVATOR SERVICE ELEVATOR

It is a small service traction elevator with or without a machine room for small capacities. It is suitable for service jobs such as libraries, restaurants, hotels, department stores or residential.





Manufactured in accordance with the machinery directive 2006/42 / EC and EN-81.



Capacity from 100 to 300 Kg.



Travel up to 30 meters (10-15 stops approximately). Capacity: 300 Kg.



Smooth and quiet operation. Quick and easy installation.



Minimum machine room space. No need for a pit.





# ROBOTIC PARKING SYSTEMS

# ASCENDING TOGETHER

# **ROBOTIC PARKING SYSTEMS**



Alamex has joined the growing automatic parking systems market with the aim of providing complete automatic parking solutions, increasing parking possibilities and optimizing spaces.



Car lift platforms have cabins made of materials such as cold rolled steel or epoxy coating; used in accordance with the project design.

These can lift platforms can be used in industrial spaces, forklifts and / or tower parking lots.



Maximum load capacity of 5,000 Kg. Maximum lifting speed of 6 cm / s.



4 meter travel. Security mechanism.



Easy installation.

LANEX

# **ROBOTIC PARKING SYSTEMS**

## CAR **STACK**

Car stacks are elevators whose main function is to park cars at different heights.

These types of elevators are very useful in buildings, homes, shopping centers or workshops that do not have sufficient parking spaces.

Alamex Car Stacks enable 2 or more cars to be parked in the area of a single car space by raising or lowering one vehicle so subsequent vehicles may be parked above or below it.









Туре		1123
Parking vehicels		2
Single vehicels weight		2300kg
Parking vehicels		2
Size of car	Length Width Height	5000mm 1850mm 1550mm-2000m
Pump motor		2,2kw
Lifting speed (seconds)		<55
Electricity		380V 60 Hz 3 phases or 220V 60 Hz 2 phases
Projection Mode		
Ratio		1:1

## ROBOTIC PARKING SYSTEMS 🕢

### AUTOMATED PARKING SYSTEM

It is a smart system aims at promoting maximum user comfort, reducing maneuvers and the space required for parking by increasing the parking space capacity.

It can be classified as an efficient anti-theft system, since it prevents the transit of people in the space where the vehicles are parked. There is a wide variety of systems, from the simplest with transfer and lifting platforms, to the most advanced fully robotized systems



Multiple parking spaces, using the maximum available height of the building.

Low installation cost. Minimal construction preparation.

Increase the parking space.



Security photocell option. Complete safety tray option.

ldeal for limited spaces.



Reduce pollution.



# ESCALATOR & Moving Walkways

# ASCENDING TOGETHER

# ESCALATOR & MOVING WALKWAYS



Alamex offers indoor and outdoor high- and low-traffic mobility systems.

Alamex moving sidewalks have smart modes of operation, which allow for economical operation and maintenance.

With the safety of users in mind, our moving sidewalks are made of non-slip materials. They have an exceptional aesthetic in the market, as well as led lighting to improve the design of projects.



# **ESCALATOR & MOVING WALKWAYS**

#### **ESCALATORS**

We supply high-tech moving stairways and sidewalks that work in very demanding areas, with high demand and heavy traffic, such as airport terminals, metro stations and shopping centers.

These displacement systems are designed to provide comfort and safety to users. To make energy use more efficient and extend its life cycle, its design is manufactured to the EN - 115 quality standard that guarantees operation with minimal friction, vibration and noise.





# TOUCHLESS TECHNOLOGY 么

# TOUCHLESS TECHNOLOGY

\* Enter the QR code to learn more about Alamex Touchless technology





At Alamex we are aware that the way of interacting with other people and the environment is changing, that is why we offer solutions that care about the hygiene and well-being of everyone.

#### **UVC STERILIZATION LAMP FOR HANDRAILS**

Designed to completely eliminate bacteria and viruses on escalators and moving walks. Its function is peaceful and silent, allowing disinfection and purification in real time. Ultraviolet light has a 99% sterilization rate, eliminating the transmission of viruses and bacteria.



# **TOUCHLESS TECHNOLOGY**

# BENEFITS OF MODERNIZATION

#### Safety

At Alamex we make sure that the elevator complies with current safety regulations. In the elevator redesign process, we provide a wide range of safety options to ensure that the system is 100% safe.

#### Accessibility

Alamex cabins are durable and various. The elevator is guaranteed to meet the all tyes of needs and ensures better access for people with special needs.

#### Economic

**K** 

Modernization provides long-term benefits. An elevator upgraded with new technology can operate in standby mode during idle intervals or with little traffic. For example, the cabin lighting and air fan automatically turn off when not in use, it also uses efficient LED lighting to minimize energy consumption.

#### Longer Lifespan

Travel quality is improved with smoother acceleration as well as quiet operation. These are the most important attributes that result from the modernization process. By placing the most technologically advanced components, Alamex is able to increase the lifespan of an elevator.





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# CABIN MODELS

# ASCENDING TOGETHER



## CLX-S **201**



Coating



Stainless Steel



Ceiling



LV - 40

#### PROPERTIES

Back Wall	Full Mirror
Ceiling	Laser Cutting Stainless
Floor	Natural Granit
Accessories	Mirror Stainless
Handrail	Chrome Stainless Nickel
Side Wall	Stainless

Floor



Grey Granite



# CABIN MODELS 📣

### Ceiling



#### **PROPERTIES**

Back Wall	Full Mirror
Ceiling	Laser Cutting Stainless
Floor	Natural Granit
Accessories	Gold Stainless
Handrail	Chrome Stainless Nickel
Side Wall	Decorative Stainless Steel



•••••

<-5 **101** 

Coating



C103 - Gold



Star Galaxy





## CLX-S **301**



#### Coating



Natural Stone



Ceiling



LV - 47

#### PROPERTIES

Back Wall	Full Mirror
Ceiling	Laser Cutting Stainless
Floor	Natural Granit
Accessories	Copper Stainless
Handrail	Chrome Stainless Nickel
Side Wall	Decorative Stainless Steel

Floor



Star Galaxy



# CABIN MODELS 📣



#### PROPERTIES

Back Wall	Full Mirror
Ceiling	Laser Cutting Stainless
Floor	Glass
Accessories	Gold Stainless
Accessories Handrail	Gold Stainless Chrome Stainless Nickel



CLX-G **101** 



Coating





Glass

Floor



Printed Glass







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# CABIN MODELS 📣



#### PROPERTIES

Back Wall	Full Mirror
Ceiling	Laser Cutting Stainless
Floor	Laminate Printed Glass
Accessories	Gold Stainless
Handrail	Chrome Stainless Nickel
Side Wall	Laminate Printed Glass



Coating



Printed Glass



Printed Glass



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## CLX-L 101



#### Coating



G3011





#### Ceiling



LV - 21

#### PROPERTIES

Back Wall	Full Mirror
Ceiling	Laser Cutting Stainless
Floor	Laminate Glass Natural Granit
Accessories	Gold Stainless
Handrail	Chrome Stainless Nickel
Side Wall	Laminate

Floor



Bianco Perla


### CABIN MODELS 📣



#### PROPERTIES

Back Wall	Full Mirror
Ceiling	Laser Cutting Stainless
Floor	Laminate Glass Natural Granit
Accessories	Gold Stainless
Handrail	Chrome Stainless Nickel
Side Wall	Laminate



CLX-M 101



Coating



Natural Stone





Star Galaxy





HOSPITAL &

**FREIGHT CABIN** 





CLX-Y

101

#### PROPERTIES



- 1.5 mm sheet metal cabin wall.
- AISI 304 quality stainless steel.
- Both internal & external stainless steel coating.
- All parts are laser cut.
- Easy assemby structure.
- Technical bends for extra strength.
- Various floor & ceiling options.
- • Designed and manufacured on request in
- accordance with the application needs.





Hospital

Cabin

### CABIN MODELS 📣



### PANORAMIC CABIN



Square Panoramic **Cabin** 



0.000 CLX-P 101



#### PROPERTIES

- 1.5 mm sheet metal cabin wall.
- AISI 304 quality stainless steel.
- Both internal & external stainless steel coating.
- All parts are laser cut.
- Easy assemby structure.
- Technical bends for extra strength.
- Car in stainless steel with curved or straight glass panoramic rear wall



Round Panoramic **Cabin** 





CLX-P **102** 

### CEILING MODELS







LV- **08** 

LV- **14** 

LV- **20** 





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LV- **07** 



LV- **13** 



LV- 19



LV- 25

LV- 31











LV- 28

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LV- 34





LV- 35



LV- 32

LV- 33

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LV- **11** 







LV- 23







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LV- 18

### CEILING MODELS 📣







#### Granite Flooring Models | PVC Flooring Model



Bianco Perla





Rosa Beta



Rosa Porino





African Red

Star Galaxy



Multi-color Red



Nero Zimbabwe



Melisa



African Lilac



Sofita Bej



Giallo Fiorito

Rosa Minho

Tan Brown



Giallo Cecilia

### FLOORING MODELS

#### PVC





ALX-FC **01** 



ALX-FC **02** 



ALX-FC **03** 



ALX-FC **04** 



ALX-FC **05** 

**Chercked Flooring Models** 



Chrecked Sheet



Ceterfilli Aluminyum

### **COATING MODELS**



CA- **100** 





CA- 102



CA- 103



11

CA- 100







CA- **102** 







CA- **104** 

CA- **105** 



CA- 106

CA- 106

CA- 107

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CA- **108** 

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CA- **109** 

CA- **109** 



CA- 105

CA- 110



CA- 110

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CA- 111



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CA- 107

CA- **112** 



CA- 112



CA- 108

CA- **113** 

CA- 113



CA- 114



CA- 114

### COATING MODELS 📣







GOLD **C106** 

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SILVER C106

ത്രത്രത്തത്തത്ത

9 הואות הוא

COPPER C106

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BLACK C106



GOLD **C107** 



GOLD **C108** 



GOLD **C109** 



GOLD **C110** 



SILVER C110



COPPER C110



BLACK **C110** 



SILVER C107



COPPER C107



BLACK **C107** 



COPPER C108



BLACK **C108** 

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8 SILVER C109

COPPER **C109** 



BLACK **C109** 

### COATING MODELS





### ASCENDING TOGETHER

#### CENTRAL 2 PANEL CABIN DOORS

Technical Drawings



#### **TECHNICAL SPECIFICATIONS**

- Modular installation and sales
- Panels adjustment in three axes
- Framed glass panel options for modern designs
- Entry width adjustment

- 220 V AC and 115 V AC Supply Voltage
- Dual Channel 100 Pulse Encoder
- Optional Driver Options;
  - 24 V DC motors and drivers (with reductor)
- 220 V AC motors and drivers (without reductor)

Serie	Туре	Cabin Doors	Entry	Widht	Entry Hight	
A 1 1			Min.	Max.	Min.	Max.
Al-1	A2P		700	1600	*2000	*2300

\*Dimensions (mm) | \*Note : Standard 2000 mm

Techr	nical Din	nensior	าร			<				
N.E	700	800	900	1000	1100	1200	1300	1400	1500	1600
M.W	1450	1650	1850	2050	2250	2450	2650	2850	3050	3250
P.W	380	430	480	530	580	630	680	730	780	830
E.S	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200

H = Min. 2020 mm / Max. 2320 mm

#### TELESCOPIC 2 PANEL CABIN DOORS

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#### **TECHNICAL SPECIFICATIONS**

- Modular installation and sales
- Panels adjustment in three axes
- Framed glass panel options for modern designs
- Entry width adjustment

- 220 V AC and 115 V AC Supply Voltage
- Dual Channel 100 Pulse Encoder
- Optional Driver Options;
- 24 V DC motors and drivers (with reductor)
- 220 V AC motors and drivers (without reductor)

Serie	Туре	Cabin Doors	Entry	Widht	Entry Hight		
	T2P-L	<u> </u>	Min.	Max.	Min.	Max.	
A2-1	T2P-R		700	1600	*2000	*2300	

\*Dimensions (mm) | \*Note : Standard 2000 mm

			Te	chnical	Dimer	nsions				
N.E	700	800	900	1000	1100	1200	1300	1400	1500	1600
M.W	1070	1220	1370	1520	1670	1820	1970	2120	2270	2420
P.W	380	430	480	530	580	630	680	730	780	830
E.S	1050	1200	1350	15000	1650	1800	1950	2100	2250	2400
							H = Mi	n. 2020 m	m / Max.	2320 mm

#### **TELESCOPIC 3 PANEL CABIN DOORS**

Technical Drawings





#### **TECHNICAL SPECIFICATIONS**

- Modular installation and sales
- Panels adjustment in three axes
- Framed glass panel options for modern designs
- Entry width adjustment

- 220 V AC and 115 V AC Supply Voltage
- Dual Channel 100 Pulse Encoder
- Optional Driver Options;
  - 24 V DC motors and drivers (with reductor)
- 220 V AC motors and drivers (without reductor)

Serie	Туре	Cabin Doors	Entry	Widht	Entry	Hight
	T3P-L	<u>]</u> [	Min.	Max.	Min.	Max.
A3-1	T3P-R	<u>]_</u>	700	1600	*2000	*2300

\*Dimensions (mm) | \*Note : Standard 2000 mm

Techr	nical Din	nensior	าร			◀				
N.E	700	800	900	1000	1100	1200	1300	1400	1500	1600
M.W	183,3	1117	1250	1383	1517	1650	1783	1917	2050	2183
P.W	263,3	296,7	33,	363,3	396,7	430	460,3	496,7	530	563,3
E.S	943,3	1077	1210	1343	1477	1610	1743	1877	2010	2143

H = Min. 2020 mm / Max. 2320 mm

#### **TECHNICAL SPECIFICATIONS**

- CE Locking System
- Modular Installation and Sales
- Easy Installation with Reference Marks
- Mechanism Position Adjusment

- Panel Adjustment in Three Axes
- Adjusment of the Lock System
- Spring Hardness Adjustment
- Framed Glass Panel Options for Modern Designs
- According to EN 81-58; E60 (non-insulated)

Serie	Туре	Cabin Doors	Entry	Widht	Entry	Hight
A 1			Min.	Max.	Min.	Max.
A-1	M2P		700	1600	*2000	*2300
		*Din	nensions (m	m)   *Note	: Standard	2000 mm

			Te	chnical	Dimer	isions				
N.E	700	800	900	1000	1100	1200	1300	1400	1500	1600
M.W	1450	1650	1850	2050	2250	2450	2650	2850	3050	3250
E.S	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200
							H = Mi	n. 2020 m	m / Max.	2320 mm

#### TELESCOPIC 2 PANEL LANDING DOORS

Technical Drawings





#### **TECHNICAL SPECIFICATIONS**

- CE Locking System
- Modular Installation and Sales
- Easy Installation with Reference Marks
- Mechanism Position Adjusment

- Panel Adjustment in Three Axes
- Adjusment of the Lock System
- Spring Hardness Adjustment
- Framed Glass Panel Options for Modern Designs
- According to EN 81-58; E60 (non-insulated)

Serie	Туре	Cabin Doors	Entry	Widht	Entry	Hight
4.5	T2P-L		Min.	Max.	Min.	Max.
A2	T2P-R		700	1600	*2000	*2300

\*Dimensions (mm) | \*Note : Standard 2000 mm

٦	echn	ical Din	nensior	าร			◀				
	N.E	700	800	900	1000	1100	1200	1300	1400	1500	1600
	M.W	1170	1320	1470	1620	1770	1920	2070	2220	2370	2520
	E.S	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400

H = Min. 2020 mm / Max. 2320 mm

Technical Drawings

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- Framed Glass Panel Options for Modern Designs
- According to EN 81-58; E60 (non-insulated)

Serie	Туре	Cabin Doors	Entry	Widht	Entry	Hight
4.5	T3P-L		Min.	Max.	Min.	Max.
A3	T3P-R		700	1600	*2000	*2300
		*Dim		m)   *Nlote	· Chandrad	2000 mm

\*Dimensions (mm) | \*Note : Standard 2000 mm

				Technical Dimensions						
N.E	700	800	900	1000	1100	1200	1300	1400	1500	1600
M.W	1060	1194	1327	1460	1594	1727	1860	1994	2127	2260
E.S	950,3	1084	1217	1350	1484	1617	1750	1884	2017	2150
H = Min. 2020 mm / Max. 2320 mm										



#### MANUAL DOORS

- Are considered as an economic solution, both for passenger and merchandise elevators.
- The entrance varies from 800 to 4000 mm.
- Distinguished by rigid and reliable structure.
- Easy installation and maintenance.
- Wide range of paintings and finishes.

#### SEMI-AUTOMATIC DOORS

The semi-automatic door system is suitable for elevators with manual floor doors. The main advantage is the small shaft it requires, distinguished by:

- Rigid structure.
- Low noise and smooth operation.
- Easy installation and maintenance.
- Thickness from 80 to 120 mm.



# SPARE PARTS & ACCESSORIES

CONTROL SYSTEMS ELEVATOR BUTTONS TRACTION MACHINES SPARE PARTS

### ASCENDING TOGETHER

### CONTROL SYSTEMS 么



#### MINI

#### INTELLIGENT

#### **General Specifications**

- 3kW to 15kW
- Contactorless (STO) Design
- Supports up to 12 floors
- Simplex and dublex operation
- Pre-torque and anti-rollback function •
- Direct landing
- Supports Open-Loop and Closed-Loop applications
- Works with geared and gearless machines
- Easy Installation
- User friendly hand terminal option

#### INTELLIGENT

#### **General Specifications**

- 3kW to 30kW
- AE-MAESTRO operates quietly through its contactorless system (Safe Torque Off – STO)
- In conformity with EN81-20/50, EN81-1, EN81-28, 70, 72, 73 standards
- Operates up to 64 stops
- Car serial or full-serial shaft communication
- Operation support for simplex, duplex, triplex and for group of lifts up to 8
- Distance based operation with encoder •
- USB and Ethernet interfaces
- Remote access via internet
- SSI, EnDat, SinCos, BISS encoder support for synchronous motors
- Built-in RFI filter, choke coil VIP access control
- Optional TFT Hand Terminal







### CONTROL SYSTEMS

### EASY DRIVE

#### **General Specifications**

- Compatible EN81-20
- Assigned and programmable outputs Door opening leveling
- 1.6 m/s speed support and Ability to work up to 4 groups of lifts
- 16 standard stops
- Warning signal on LCD screen when the door is open or when no stop signal more than the adjusted time
- At revision mode selection of the movement to limit switches and exact floor level.



#### ARCODE

#### **General Specifications**

- Motor Control : Synchronic (gearless) Machine, Asynchronic (geared) Machine
- Elevator Speed (Maximum) : 4 m/s
- Number of stops : 64 Stops
- Automatic Bring to Floor : 1-Faz 220VAC UPS Accumulator Group Connection
- Drive Type : With or Without Machine Engine Room (MRL)
- Group Work Feature : Up to 8 elevators
- Serial Communication : With Ready Installation CANbus Serial Communication (standard)
- Encoder : Incremental Encoder (5V TTL or 10-30V HTL) Absolute Encoder (EnDat, SSI, SinCos or BISS)

AL F. MANEY

### CONTROL SYSTEMS



#### ADRIVE

#### **General Specifications**

- Number of Stops : 24 Stops
- Drive Type : Double Speed, Hydraulic, VVVF
- Serial Communication : With cabin
- Cabin Position Information : Magnetic Switch
- Door Bridging : Available
- Programmable Input/Output : None
- Language Options : Turkish, English, Russian, Dutch, Romanian, German, Italian
- Control Type : Simple Control, One Way Pickup, Two Way Pickup
- Group Control : 4
- Elevator Speed (Maximum) : 1,6 m/s
- Automatic Door Control : Single Door, Double Door
- Display Outputs : 7 Segments, Gray/Binary Code Output
- Error Record : Up to 60 Faults
- Compliance to Standards : EN 81/1-2 + A3

#### ITALIANO 1

#### **General Specifications**

- Warning signal on LCD screen when the door is open for a long time or when the stop return circuit is not detected for a long time
- Electronic control of phases, phase order errors of these controls shown via LCD on board, turning off function by choosing the parameters, adjustable phase level sensitivity,
- At Inspection the movement to limit switches or exact floor level can be chosen Short circuit protected display outputs can be adjusted to every floor.
- The function of manual movement at low speed by using program buttons.
- Cabin serial communication output.
- Supports up to 10 floors, options between an up or down collective
- One speed and two speed and vvvf controles



### **ELEVATOR BUTTONS**



### TRACTION MACHINES

#### **Geared Traction Machines**

#### Gearless Traction Machines



ALAMEX-T-SMART



MONTANARI MR



ALBERTO SASSI



ALAMEX-T-STRONG LITE



ALAMEX-T-FORCE



SICOR MR





ALAMEX-QS-5



ALBERTO SASSI G



ZIEHL ABEGG ZATOP



MONTANARI MGV



ALAMEX-QS-3



SICOR SG



ALAMEX-T-VOLPI



ALAMEX-T-AK









### **C** TECHNICAL SHEETS

#### STANDARD WELL AND CABIN DIMENSIONS FOR CLASS I, II, III AND VI ELEVATORS

Dec-		cabin dimensions			declared	doors (full automatic)			COUN-	shaft	
lared load	Cabin Type	width (b1)	depth (d1)	height (h4)	speed (m/s)	width (b2)	depth (h3)	Туре	terwe- ight po- sition	dimer width (b3)	nsions depth (d2)
			1	1			1	1			
						900			At the back	2020	2050
			1400	2350	1,00 1,6			center	on the side	2300	1800
						1100		center -	At the back	2400	2100
									on the side	2500	1800
	13 G1 single	1600					2100		At the back	2020	2150
	entrance						-	telescopic	on the side	2320	1850
					2,00				At the	2400	2150
1000					2,50 3,00 3,50	1100		center	back	2150	2250
Kg					4,00				At the	2400	2250
					5,00 6,00	1100		telescopic	back	2200	2350
			1300 2350		1,00 1,60	000		center	At the back	2200	1970
						900		telescopic		2200	2020
						1100		center		2400	1970
	13 G2				1100		telescopic		2200	2020	
	single entrance	1750		2350	2,00 2,50 3,00 3,50 4,00 5,00 6,00	1100	2100	center	At the back	2400	2100
						900				2300	2100
						1100		center	At the back	2/00	0716
						900				2400	2170
	17 G single entrance	2000	1400	2400	1,00 1,60	1100	2100	center	At the back	2470	2150
1275 Kg					2,00 2,50 3,00 3,50	1100		center	At the back	2500	2200
					4,00 5,00 6,00	1100		center	At the back	2600	2300
	17 D single entrance	1200			1,00 1,60	1100	2100	telescopic	on the side	2050	2750
			2300	2400	200	1100			At the back	200	3100
1275 Kg					2,00 2,50 3,00 3,50 4,00 5,00 6,00			telescopic	on the side	2150	2800
									At the back	2150	3170
						1100		telescopic	At the back	2200	3250
					1,00 1,60	1100		telescopic	on the side	2050	3000
1275 Kg	17 D double entrance	1200	2300	2400	2,00 2,50 3,00 3,50	1100	2100	telescopic	on the side	2150	3120



### TECHNICAL SHEETS 📣

#### STANDARD WELL AND CABIN DIMENSIONS FOR CLASS I, II, III AND VI ELEVATORS

Dec- lared load	Cabin Type	cabin dimensions declare			declared	doors (full automatic)				shaft dimensions	
		width (b1)	depth (d1)	height (h4)	speed (m/s)	width (b2)	depth (h3)	Туре	terwe- ight po- sition	width (b3)	depth (d2)
	4 D			1	1		1	1	At the back	1400	1700
320 Kg	single	900	1000	2250	1,00 1,60	700	2000	telescopic	on the side	1400	1450
	chardnee								At the back	1550	1950
						800		telescopic	on the side	1650	1700
(F0 Ka	6 D	1000		2350	1,00 1,60	900	2100	center	At the back	1800	1900
450 Kg	single entrance	1000	1250				2100		on the side	1900	1650
									At the back	1700	1950
								telescopic	on the side	1700	1700
									At the back		2100
								telescopic			
						800			on the side	1700	1820
						000		center	At the back	1800	2050
					1,00 -				on the side	1800	1770
	8 D	1100	1400	2350	1,60			telescopic	At the back	1700	2100
630 Kg	single entrance						2100	telescopic	on the side	1700	1820
						900		center	At the back	2000	2050
									on the side	200	1770
						800		telescopic		1600	2100
					2,00	000	_	center	At the back	1800	2050
					2,50	900		telescopic center		1700 2000	2100 2050
	10 D single entrance	1350	1400	2350	1,00 1,60			Center	At the back		2050
						800		center	on the side	2100	1800
									At the back	1770	2120
						900		telescopic	on the side	2050	1850
									At the back	2000	2070
800 Kg							2100	center	on the side	2200	1800
_					2,00 2,50			telescopic	At the back	1770	2120
						800			on the side	2050	1850
					2,20	900		center telescopic	-	1850 1850	2150 2200
						800		center	At the back	2020	2150
					3,00	000	_	telescopic		1850	2200
					3,50	900		center	At the back	1900 2100	2300 2300
					100	800		telescopic	1700	2550	
		e 1100	2100	2350	1,00 1,60		-	center telescopic	-	1800 1700	2500 2550
	13 D single entrance				-,	900		center	on the side	2000	2500
					2,00	800		telescopic center		1750 1900	2600 2550
1000 Kg					2,50	900		telescopic		1750	2600
							-	center		2000	2550
					3,00 3,50	800	2100	telescopic center	on the side At the back	1950 1800	2600 2900
								telescopic	on the side	1950	2600
						900		center	At the back		2900
					4,00 5,00 6,00	800		telescopic	_	1850	2950
								center telescopic	At the back	1650 2100	3000 2950
						900		center	-	1750	3000



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## of experience

YEARS



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- Fevzi Çakmak Mah. İmsan Sanayi Sit. Gülistan Cad. No:40/1 42050 Selçuklu/KONYA Section 44 (\$32) So 15 (\$32) S
- 🔀 info@alamex.com.tr
- www.alamex.com.tr

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