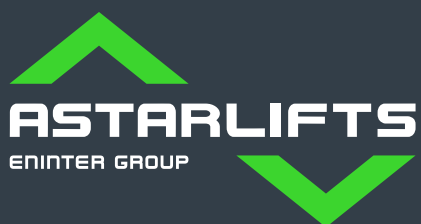


# Catalogue of Products

Life is the inspiration to design our lifts



*Designed and Built in Barcelona*



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## Astarlifts, the driving force of Eninter Group

The company Astarlifts belongs to Eninter Group, which has been manufacturing and selling lifts around the world for more than 25 years.

The key of its success is its firm commitment for innovation, with a personalized and flexible customer service.

Our values are teamwork, effort, responsibility and honesty.

This is how Astarlifts has arrived at its position as one of the major lift manufacturers, specialising in providing tailored solutions for new constructions, modernizations and refurbishments to cover a wide range of needs.

Astarlifts also provides business consultancy services in all matters related to the lifts sector, thanks to its experience of more than 40 years in the Eninter Group, the leading company in multi-brand maintenance in Spain, managing more than 30,000 lifts and with a workforce of more than 500 people.

It is definitely one of the main leader in this market.

## Figures that show our vocation

Eninter's Group history is a story of constant improvement. The figures below are a true reflection of this vocation that has pushed Astarlifts to become one of the leading companies in the sector.

# 1973

proven experience

Export to more than

# 30

countries

# 2,000

lifts per year

# 4,000

control cabinets per year

# 565

professionals working for you

# 13,000m<sup>2</sup>

of our own factory

# € 60,000,000

turnover

# € 500,000 R&D

invested annually

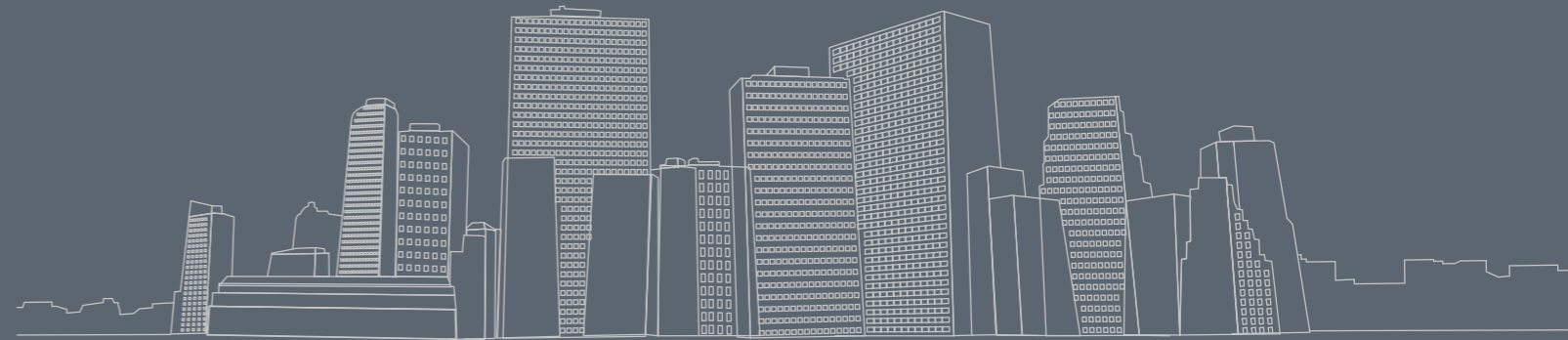
# 9001-9002

# 14001

total quality

## Solutions to address the most diverse needs






Astarlifts offers the most diverse solutions in line with the constant changing needs of today. Astarlifts researches, designs and produce lifts that are environmentally friendly and committed to people's confort and well-being.



SERVICES

6

PRODUCTS

	Lifts for passengers	9
	Elevators: Compactlift	22
	Escalators and moving walks	26
	Automated pedestrian bridge	27
	Other lifting systems	28

MODERNIZATION SERVICE

30

## SERVICES

### 1. Consulting in the lift industry

Our 40 years of experience in Spain enable us to advise you, so that you can replicate our proven business model:

- ↗ Business plan
- ↗ Marketing plan
- ↗ Strategic alternatives
- ↗ Operations



### 2. Lift assembly service

We also hire out our workers to install lifts. This option includes an in-the-field training package to guarantee a problem-free installation. We travel anywhere in the world.



### 3. Technical assistance

Our team of multilingual engineers will assess your own technicians in how to install our lifts. Communication can be by telephone, video conference, Skype or in situ.



### 4. Technical training

We offer our expertise to train your Supervisors, Technical Directors, Operators, etc. We can deliver training plans tailored to your team at our headquarters by videoconference or on location in your country.



# PRODUCTS

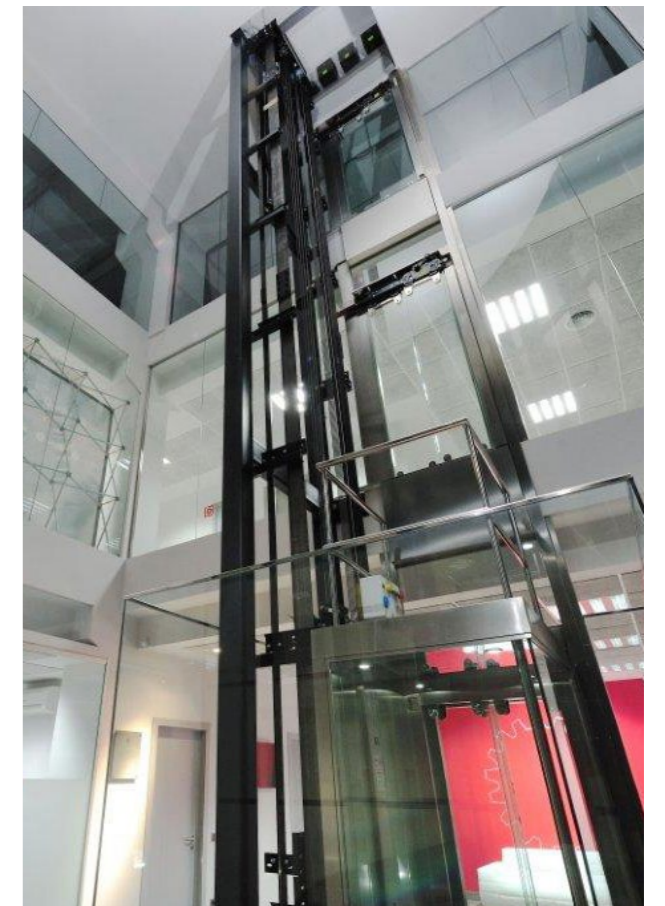


## Passenger lifts: Electric

It is the ideal solution to install elevators with high performance, in existing buildings or new construction, with space limitation.

### Advantages

- Low Energy Consumption
- Excellent travel confort
- Silent
- Eco efficient Performance
- Machine Room Less Lifts  
(as an optional with machine room)

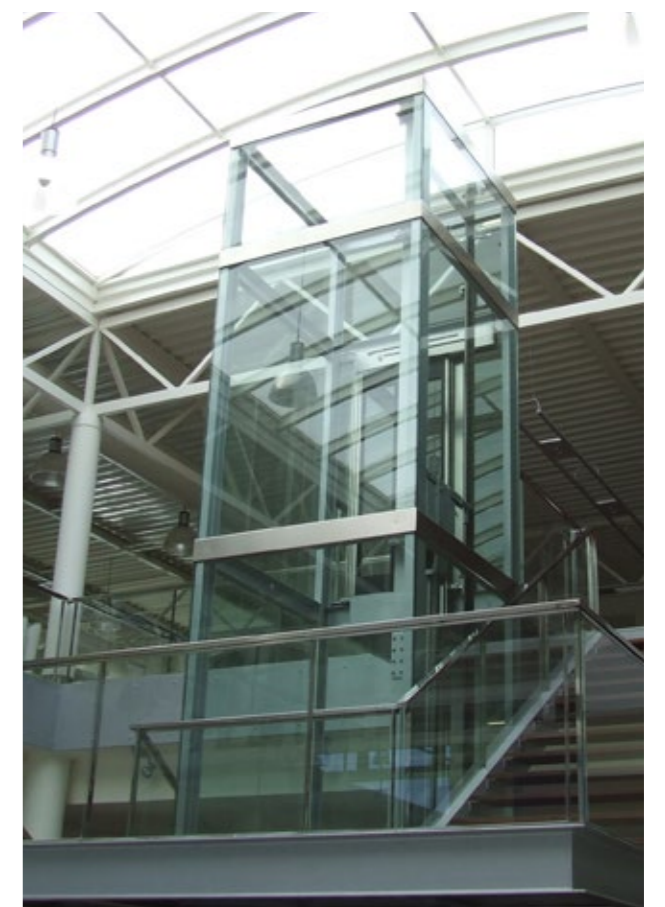


## Passenger lifts: Hydraulic

It is the ideal solution to install elevators in low traffic and low rise buildings. It is versatile and adaptable to be installed in new and existing buildings.

### Advantages

- Heavy load
- Reduced shaft
- Maximun travel 25m
- Low price



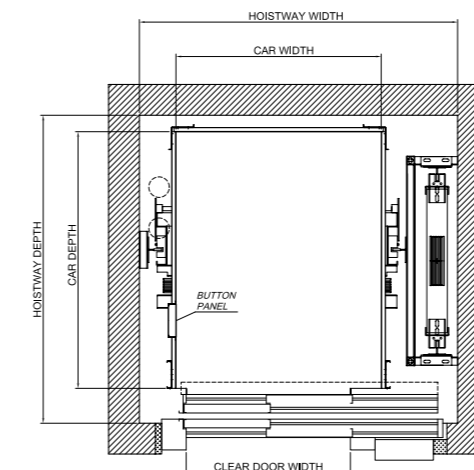
# Electric lifts

GENERAL CHARACTERISTICS						
Rated Load (Kg)	320	450	630	825	1000	Up to 5.000
Capacity (pax)	4	6	8	11	13	Up to 60 people
Rated speed (m/s)	1 m/s - 1,6 m/s					
Maximum travel	48 m					
Maximum stops number	17					
Car entrances	Single		Double entrance (180°-90°)		Triple entrance	
Drive system	Electrical					
Control	Low energy consumption ENINTERLIFT control, with CAN BUS communication VVF					
Doors type	Automatic side opening		Automatic central opening		Semi-automatic	
Door width	600 - 700 - 800 - 900 - 1000 mm				Special	
Door height	2000				Up to 2200 mm	
Car dimensions	See attached				Special	
Car height	2100				Up to 2400 mm	

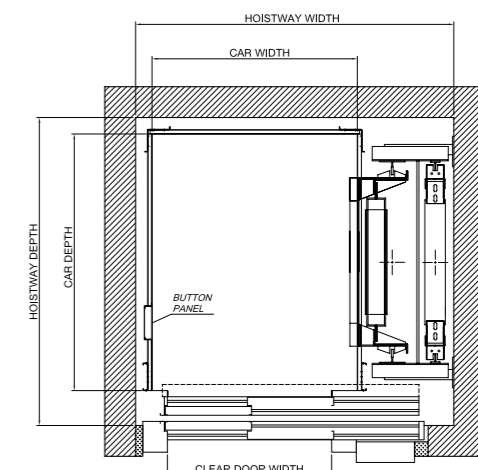
MACHINE ROOM-LESS									
CAPACITY / LOAD		CAR				SHAFT			
PEOPLE	LOAD	WIDTH	DEPTH	DOOR	N° ENTRANCE	WIDTH	DEPTH	PIT	HEADROOM
4	320 Kg	900	1000	700	1	1450	1250	1200	3600
		950	950		2 a 180°	1450	1350		
6	450 Kg	1000	1250	800	1	1550	1500		
					2 a 180°	1550	1600		
8	630 Kg	1100	1400	900	1	1650	1650		
					2 a 180°	1650	1750		
11	825 Kg	1200	1600	900	1	1800	1850		
		1400	1400		2 a 90°	2100	1650		
13	1000 Kg	1100	2150	900	1	1750	2400		
		1400	1700		1000	1	2050	2000	
					2 a 180°	2050	2100		



WITH MACHINE ROOM									
CAPACITY / LOAD		CAR				SHAFT			
PEOPLE	LOAD	WIDTH	DEPTH	DOOR	N° ENTRANCE	LOAD	DEPTH	PIT	HEADROOM
4	320 Kg	900	1000	700	1	1350	1400	1200	3600
					2 a 180°	1500	1350		
6	450 Kg	1000	1250	800	1	1500	1650		
					2 a 180°	1600	1600		
8	630 Kg	1100	1400	900	1	1650	1800		
					2 a 180°	1700	1750		
11	825 Kg	1200	1600	900	1	1850	1850		
		1400	1400		2 a 90°	2100	1650		
13	1000 Kg	1100	2150	900	1	1800	2400		
		1400	1700		1000	1	2100	2000	
					2 a 180°	2100	2100		



2:1 Gearless drawing  
Automatic side opening doors

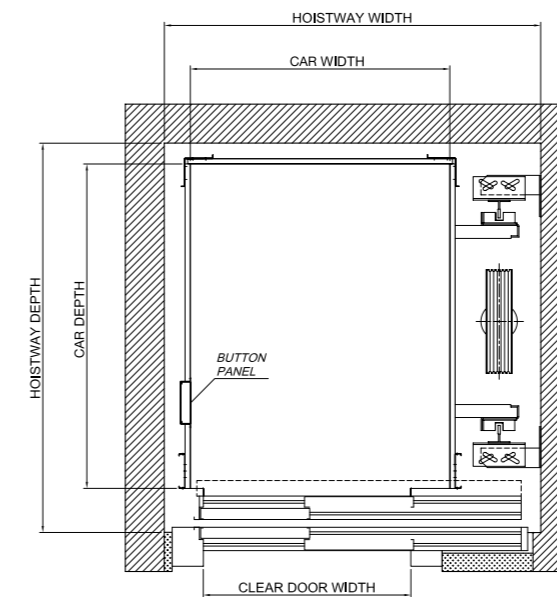


1:1 Gearless drawing  
Automatic side opening doors

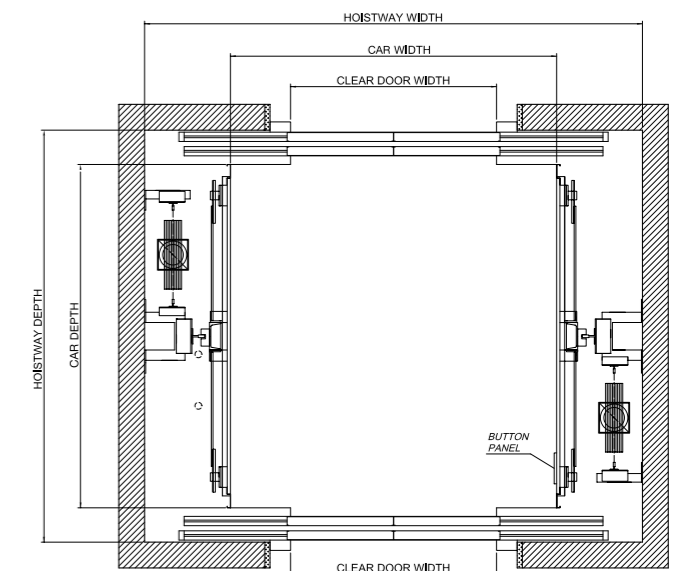
# Hydraulic lifts

GENERAL CHARACTERISTICS						
Rated Load (Kg)	320	450	630	825	1000	Up to 5.000
Capacidad (pax)	4	6	8	11	13	Up to 66
Rated speed (m/s)	Up to 1					
Maximum travel	Up to 25					
Maximum stops number	9					
Car entrances	Single		Double entrance (90°-180°)		Triple entrance	
Drive system	Hydraulic, mechanical valves			Hydraulic, low energy consumption electronic valves		
Control	Low energy consumption ENINTERLIFT control, with CAN BUS communication valves					
Doors type	Automatic side opening		Automatic central opening		Semi-automatic	
Door width	600 - 700 - 800 - 900 - 1000 - 1100 - 1200 - 1300 mm					Special
Door height	2000					Up to 2200
Car dimensions	See attached					Special
Car height	2100					Up to 2400

CAPACITY / LOAD		CAR				SHAFT			
PEOPLE	LOAD	WIDHT	DEPTH	DOOR	N° ENTRANCE	WIDHT	DEPTH	PIT	HEADROOM
4	320 Kg	900	1000	700	1	1300	1250	1200	3600
			950	700	2 a 180°	1300	1350		
6	450 Kg	1000	1250	800	1	1450	1500		
					2 a 180°	1450	1600		
8	630 Kg	1100	1400	900	1	1600	1650		
					2 a 180°	1600	1750		
11	825 Kg	1400	1400	900	1	1700	1850		
					2 a 90°	1700	1650		
13	1000 Kg	1100	2150	900	1	1600	2400	1400	
					2 a 180°	1600	2500		
		1400	1700	1000	1	1800	2000		
					2 a 180°	1800	2100		



Hydraulic lift drawing  
Automatic side opening doors



Hydraulic lift drawing double entrance 180°  
Automatic central opening doors

# Market solutions





## Car design

Astarlifts offers a wide range of cars – all designed at our factory. You will find the best option according to your requirements. Our customised finishes can be applied to any Astarlifts lift model.

### Tokio

Inspired by the colour, design and style of the Japanese capital.

#### Tokio 1

- Black side panels
- Green background panel
- Midnight Black floor
- Slim Inox COP
- Pac-Man ceiling

\*Handrail and mirror optional

#### Tokio 2

- Grey side panels
- Red background panel
- Midnight Black floor
- Slim Inox COP
- Striped ceiling 3

\*Handrail and mirror optional



Tokio 1



Tokio 2

#### Tokio 3

- Black side panels
- White background panel
- Midnight Grey floor
- Slim Inox COP
- Smile ceiling

\*Handrail and mirror optional

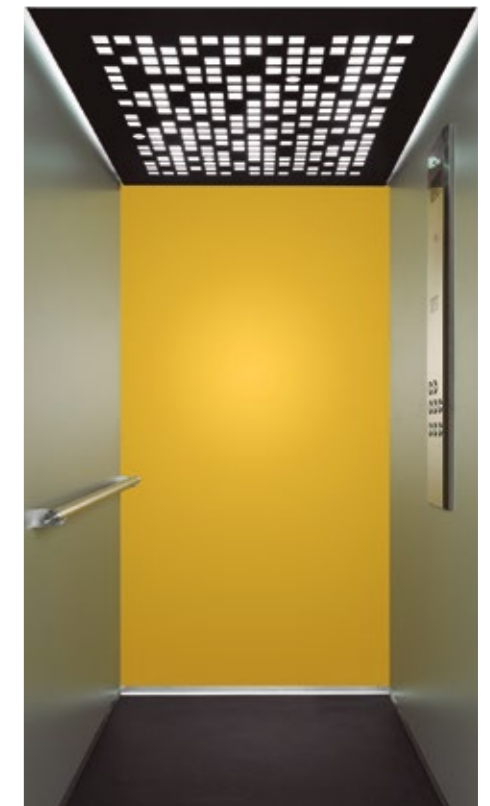
#### Tokio 4

- Grey side panels
- Yellow background panel
- Midnight Black floor
- Slim Inox COP
- Matrix ceiling

\*Handrail and mirror optional



Tokio 3



Tokio 4

## Melbourne

Inspired by the elegant hardwood from the forests of south-eastern Australia.

### Melbourne 1

- Side panels Bardolino oak
- Sand background panel
- Grey Cement floor
- Luxury Black COP
- LED panoramic ceiling

\*Handrail and mirror optional

### Melbourne 2

- Walnut side panels Natural Caribbean
- Grey background panel
- Silver metallic floor
- Luxury Black COP
- Black WiFi ceiling

\*Handrail and mirror optional



Melbourne 1



Melbourne 2

### Melbourne 3

- Side panels Desert Flames
- Sand background panel
- Grey Cement floor
- Luxury Black COP
- LED panoramic ceiling

\*Handrail and mirror optional

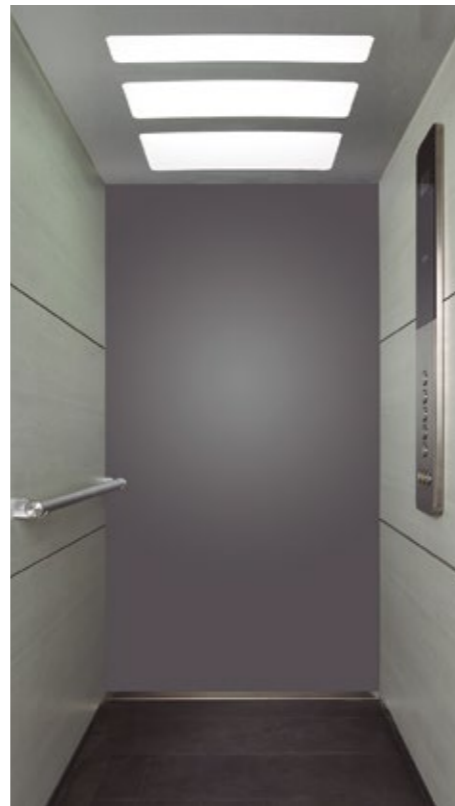
### Melbourne 4

- Nordic Alp side panels
- Grey background panel
- Basalt Dunkle floor
- Luxury Black COP
- Grey WiFi ceiling

\*Handrail and mirror optional



Melbourne 3



Melbourne 4

## Denver

Inspired in the colour of the Rocky Mountains in Colorado.

### Denver 1

- Slate panels
- Grey Maple floor with LED lighting
- Luxury White COP
- Swift LED stainless steel ceiling

\* Handrail, mirror and in-floor lighting optional

### Denver 2

- Concrete panels
- Dunkle Ceramic floor with green LED lighting
- Luxury White COP
- Ambition LED stainless steel ceiling

\* Handrail, mirror and in-floor lighting optional



Denver 1



Denver 2

### Denver 3

- Bronze metal panels
- Cotton Graumeliert floor
- Luxury White COP
- Elegance LED stainless steel ceiling

\* Handrail, mirror and in-floor lighting optional



Denver 3

## New York

Inspired by the personality of the city of skyscrapers.

- Stainless steel panels
- Silver metallic floor
- Luxury Black COP
- Power ceiling

\*Handrail and mirror optional



New York

## New Jersey

Inspired by the glamour awakened by the mention of this legendary American city, this model is exceptional thanks to its sleek, all-stainless steel design.

- Stainless steel panels
- Midnight Black floor
- Slim Inox COP
- Matrix ceiling

\* Handrail and mirror optional

\*\* Panel width depends on the size of the cabin



New Jersey

## Panoramic car

Where design and freedom find a home. Provides a unique experience thanks to its glass panel, which opens up new horizons before our eyes from inside the car.



Panoramic car

## Special configuration

In addition, Astarlifts offers the most cutting-edge and original designs, bringing imagination to the fore.



Special configuration

## Accessories

In addition, the myriad accessories available for Astarlifts have been designed to increase their comfort and safety.

### COP: Car operation panel

#### Slim Inox



SLIM INOX

#### Luxury



LUXURY WHITE



LUXURY BLACK

### LOP: Landing operation panel



ST.STEEL



ST.STEEL



ZAMAC

### Push buttons



ST.STEEL



ABS



LLAVIN

### Displays



Dot matrix



LCD



TFT

### Hall lantern



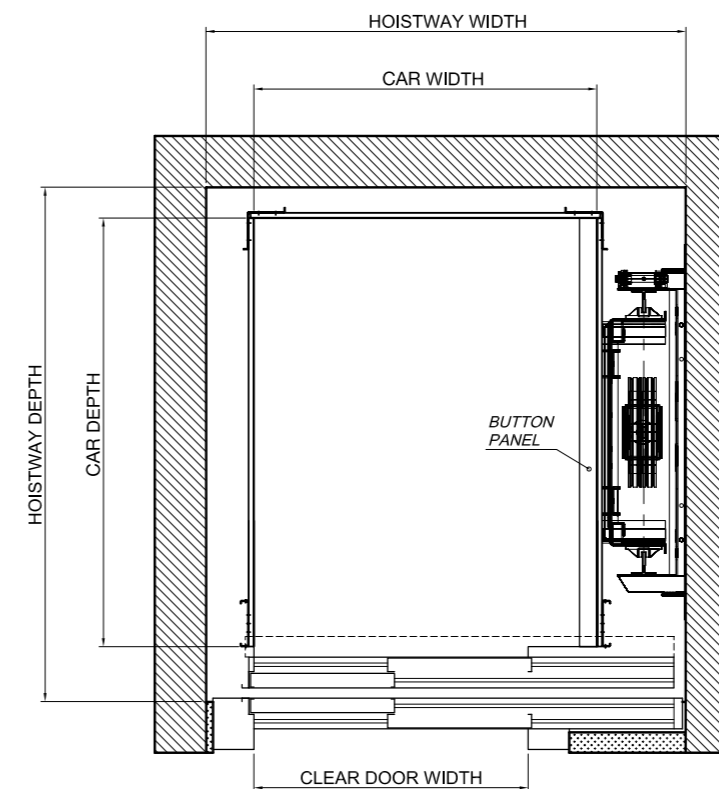
# Compactlift

Astarlifts most personal lift. Created and designed to be installed in family homes or terraced houses. Its features allow it to be adapted to even the smallest spaces.



GENERAL CHARACTERISTICS							
Rated load (Kg)	180	250	300	385	450	Up to 500	
Rated speed (m/s)	0,15						
Maximum travel	Up to 15						
Maximum stops number	5						
Car entrances	Single			Double entrance		Triple entrance	
Drive system	Hydraulic						
Control	Low energy consumption ENINTERLIFT E14 control						
Doors type	Without car doors					Automatic doors	
Door width	600 - 700 - 800 - 900					Special	
Door height	2000					Up to 2200	
Car dimensions	See attached					Special	
Car height	2040					Up to 2400	

CAPACITY / LOAD	CAR				SHAFT			
	LOAD	WIDHT	DEPTH	DOOR	N° ENTRANCE	WIDHT	DEPTH	PIT
250 Kg	900	1000	700	1	1300	1250	150	2350
				2 a 180°	1300	1350		
				2 a 90°	1500	1300		
300 Kg	1000	1250	800	1	1450	1500	150	2350
				2 a 180°	1450	1600		
				2 a 90°	1550	1500		
385 Kg	1100	1400	900	1	1600	1650	150	2350
				2 a 180°	1600	1750		
				2 a 90°	1700	1650		



Compactlift drawing  
Automatic side opening doors

**Compactlift 1**

- Concrete panels
- Midnight Black floor
- Horizontal Stainless Steel COP
- LED Surface Sheet ceiling

\* Handrail and mirror optional



Compactlift 1

**Compactlift 2**

- White Maple panels
- Midnight Grey floor
- Horizontal Stainless Steel COP
- Spot LED Skin Stainless Steel ceiling

\* Handrail and mirror optional



Compactlift 2



Compactlift 5



Compactlift 6

**Compactlift 5**

- Cream panels
- Midnight Black floor
- Horizontal Stainless Steel COP
- LED Surface Sheet ceiling

\* Handrail and mirror optional

**Compactlift 6**

- Grey panels
- Midnight Grey floor
- Horizontal Stainless Steel COP
- Spot LED Skin Stainless Steel ceiling

\* Handrail and mirror optional

**Compactlift 3**

- Stainless Steel Lookalike panels
- Midnight Black floor
- Horizontal Stainless Steel COP
- LED Surface Sheet ceiling

\* Handrail and mirror optional



Compactlift 3

**Compactlift 4**

- Cherry panels
- Midnight Black floor
- Horizontal Stainless Steel COP
- Spot LED Skin Stainless Steel ceiling

\* Handrail and mirror optional



Compactlift 4



Compactlift 7

**Compactlift 7**

- Beech panels
- Midnight Black floor
- Horizontal Stainless Steel COP
- Spot LED Skin Stainless Steel ceiling

\* Handrail and mirror optional

**COP Slim Inox**



**LOP inox**

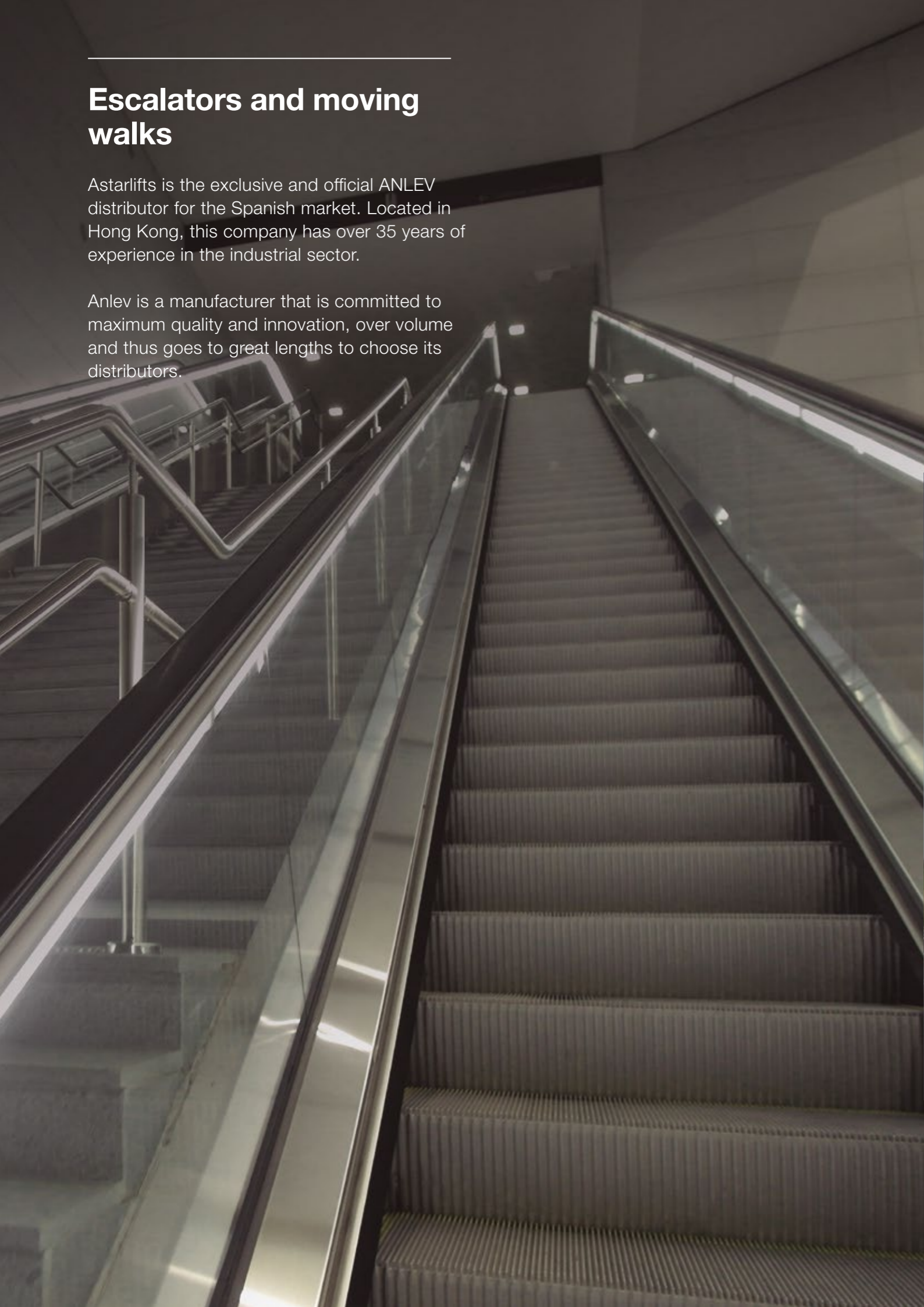


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## Escalators and moving walks

Astarlifts is the exclusive and official ANLEV distributor for the Spanish market. Located in Hong Kong, this company has over 35 years of experience in the industrial sector.

Anlev is a manufacturer that is committed to maximum quality and innovation, over volume and thus goes to great lengths to choose its distributors.



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## Automated pedestrian overpass

This is the most innovative and original solution to address pedestrian mobility needs. It allows obstacles such as roads, railways and waterways to be bridged safely, thus solving problems of space. It reduces construction costs and the time needed for the execution of construction work.



## Other lifting systems

Lifts have been installed in the most diverse spaces and for all types of uses and activities. Astarlifts meets these new needs with products and designs that are among the most effective around today.



### Service lifts

- Max. speed up to 1.6 m/s
- Nominal load up to 6,000 Kg
- Cable suspension 2:1
- Hydraulic / Electric
- With passenger



### Car lifts

- Max. speed up to 0.4 m/s
- Nominal load up to 5,000 Kg
- Cable/chain suspension
- Usable travel up to 20 m

### Goal: Accessibility

Our main challenge is to eliminate barriers, facilitate mobility and minimise efforts.

To achieve this, Astarlifts also offers: Platforms for disabled people, Circular stairlifts, Linear stairlifts, Dumbwaiters, etc.



### Vertical Stairlift Platforms

- Max. speed up to 0.15 m/s
- Nominal load up to 400 Kg
- Up to 3 m travel
- Single-phase 220 V supply
- Consumption 0.6 to 1 kW



### Curve Stairlift Platforms

- Max. speed from 0.10 to 0.15 m/s
- Nominal load up to 250 Kg
- Usable distance up to 20 m
- Single-phase 220 V supply
- Consumption 1 kW



### Bed lifts

- Max. speed up to 1.6 m/s
- Nominal load from 1,000 to 1,600 Kg
- Cable suspension 2:1
- Minimum size doors 900 mm



### Loading Platforms

- Cargo lift (only for goods)
- Max. speed up to 0.4 m/s
- Nominal load up to 10,000 Kg
- Cable/chain suspension
- Diferents types: Scissor platforms, big loads, small loads, dumbwaiter.



### Straight Stairlift Platforms

- Max. speed up to 0.08 m/s
- Nominal load up to 250 Kg
- Usable travel up to 20 m
- Single-phase 220 V supply
- Consumption 0.75 kW
- Up to 250 Kg with an incline up to 45°
- Up to 200 Kg with an incline higher than 45°



### Stairlifts

- Max. speed up to 0.08 m/s
- Nominal load up to 130 Kg
- Usable travel up to 40 m
- Single-phase 220 V supply
- Consumption 0.75 kW

## MODERNISATION SERVICE



## We improve safety

Modernising your lift is the first step to eliminating risks



Eliminate dangerous differences in level between the floor and the lift



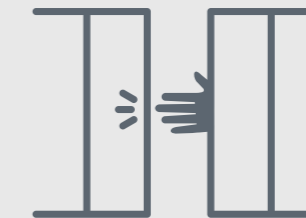
Preventing that the lift falling down



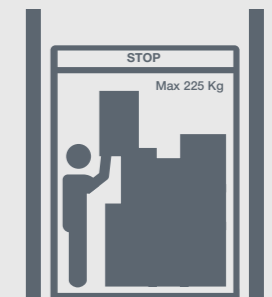
Opening the doors without a lift



Preventing possible incidents with the electrical system



Preventing that the doors close and the risks this entails



An excessive load can stall the lift while it is operating

## We have everything you need and more

- Dedicated engineering and project office
- Customized and personalised solutions
- Our own manufacturing and design
- We modernise any model from any brand of lift
- We purchase original material from the leading lift manufacturers (Otis, Schindler, Thyssen, Kone, Orona)
- 2 years guarantee
- Continuous training of technical staff
- Audited procedures based on the ISO 9001- 9002 and 14001 quality standards.



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## Eninter Design & Future

### The future is already here

Being ahead of its time, anticipating new demands, using cutting-edge technology, these are some of Astarlifts main aspirations and the reason why a new department was recently created; **Eninter Design & Future**. Here, qualified technicians research and explore solutions that our market will need in the near future, encompassing Astarlifts firm commitment to continue leading the elevator industry in Spain.



ENINTER  
DESIGN &  
FUTURE

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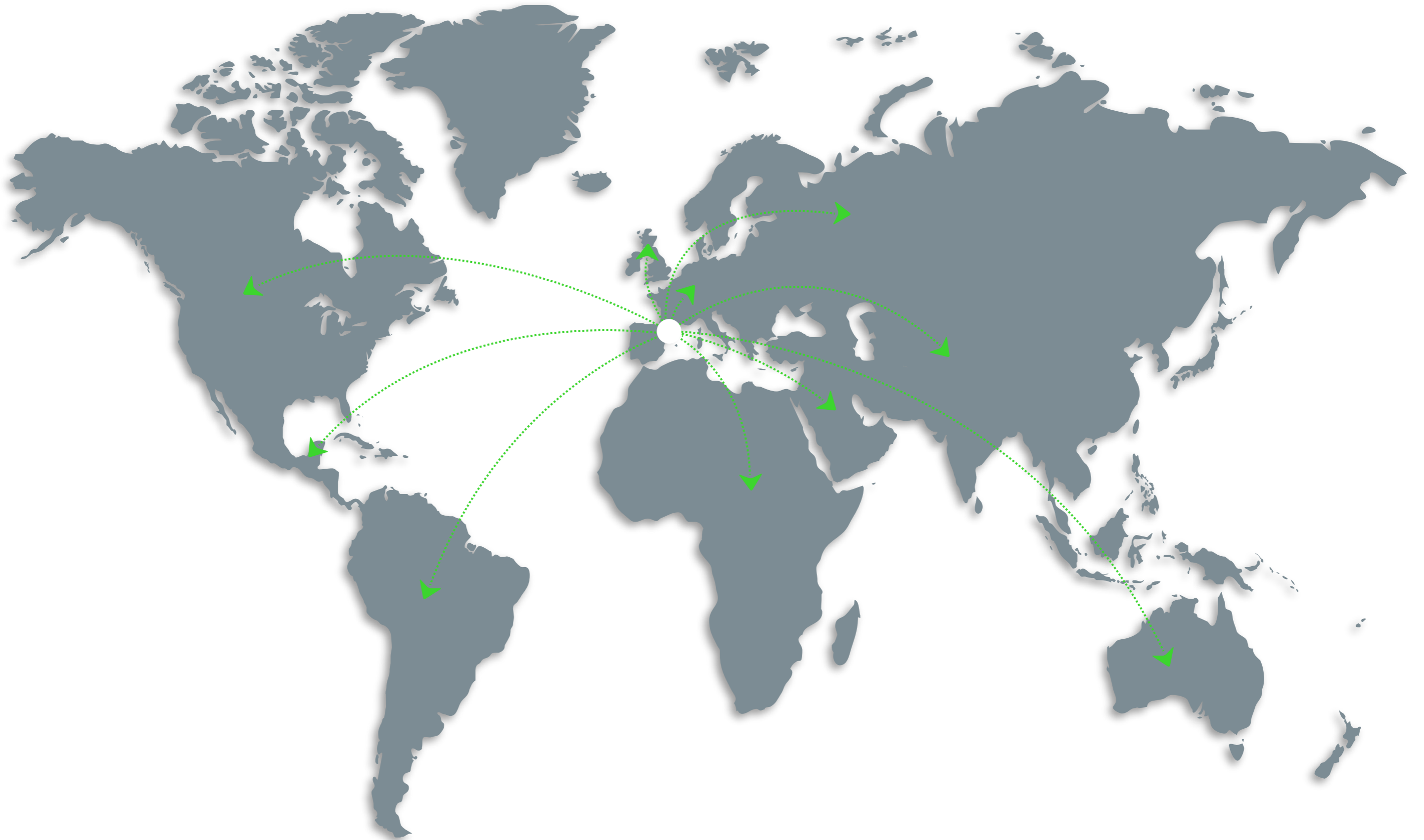
## Having our own factory ensures the quality of our products

At Astarlifts we distribute our wide range of products from our factory in Barcelona. At our facilities we also come up with ideas and designs for the future. These unique creations will be manufactured and will be adapted to the most diverse needs. Our own factory ensure short delivery times. And is how Astarlifts has managed to become the leading company in the sector in Spain.



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# Astarlifts Global Network





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