



# Revolution

## ENVIRO

450kg / 630kg / 700kg / 800kg / 900kg / 1000kg

*A new MRL lift solution  
manufactured by GLE*



# A revolution in so many ways

➤ The revolution for GLE has begun not only with the launch of this new lift Enviro REVOLUTION® on a commercial level, but from its very essence, its own structure. It is an honour for us to present this product that has been created and is an inherent part of GLE and our philosophy. It has helped us to grow at an industrial level and become a productive centre, since it will be in our facilities where this lift is manufactured from start to finish.

➤ Our Enviro REVOLUTION® lifts have been awarded the maximum possible energy-efficiency ratings according to the **VDI 4707 and ISO 25745-2** standards.

- The incorporation of **Varispeed** and **Direct Approach System**.
- The **gearless drive** unit significantly lowers energy consumption and does not require lubricants.
- **Stand-by mode** is activated whenever the lift is not in use.
- Energy-efficient lighting with **LED spotlights**.
- Designed and built in compliance with **ISO 14001**, the international standard which sets the basis for an effective environmental management system.

## ➤ **SIRES (Shaft Intelligent Revolutionary Elevator System)**

A concept based on **PESSRAL devices** with an electronically activated overspeed governor, electromechanical safety gear and absolute positioning that:

- Guarantees maximum safety of passengers.
- Allows automatic shaft learning, drastically reducing commissioning costs.

➤ We have achieved, with all these characteristics and through our advanced industrial production methodology, the launch of **a very competitive product**. This product not only will satisfy the highest technological requests, but it is also adapted to the strictest economical requirements that the market demands for this type of product.

# Main installation advantages

- **Installation tools:**

Pit template.

Machine lifting tool.

Plumbing line.

Car installation kit.

Maintenance and installation tool.

- **Components not needed to be installed thanks to the SIRES system:**

UCM system.

Overspeed governor.

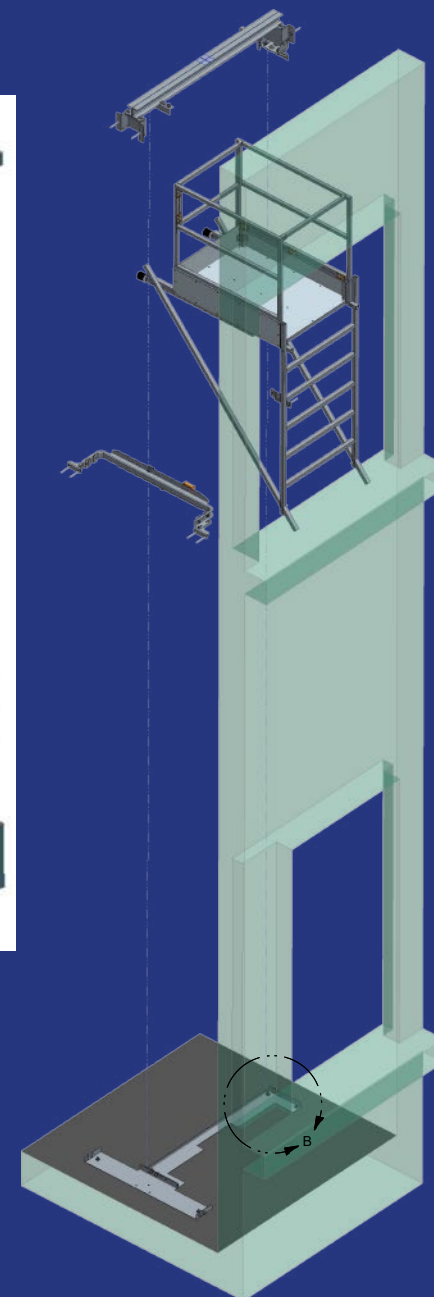
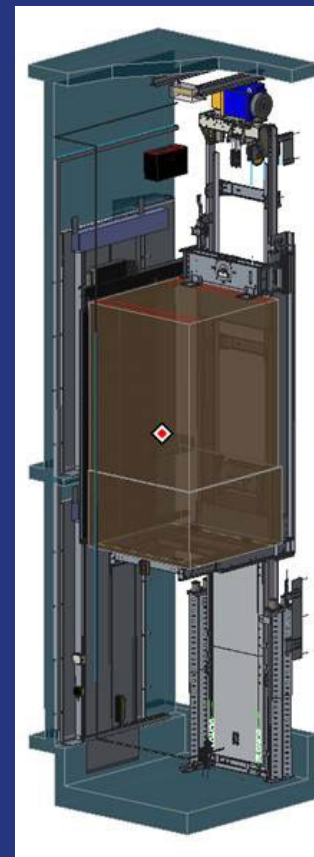
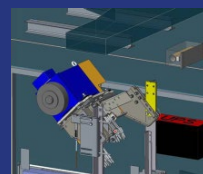
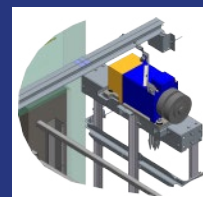
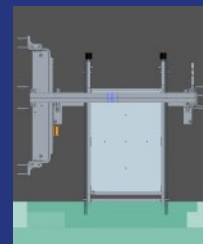
Final limit switches.

Slowing limit switches.

Inspection shaft switches.

Magnets.

Door zone sensors.



# What makes the difference

## SIRES

**SIRES introduces a new concept in elevation intelligence.**

For the first time, EnviroRevolution® includes SIRES as standard (Shaft Intelligent Revolutionary Elevator System). The concept is based around a PESSRAL\* device providing absolute positioning in the lift shaft using the latest magnetic tape technology.

SIRES provides continuous real-time information on the lift car's location in the shaft, precise to within less than 1mm. SIRES allows us to optimise electromagnetic devices and delivers many other benefits (see adjacent box).

## ALEC

### Automatic Learning Elevator Control

- Through artificial intelligence the operating algorithm of the lift is constantly improving.
- Improves the detection of faults thanks to its artificial intelligence.
- SIL 3 safety rating.

\* The PESSRAL system is designed for control, protection or monitoring based on one or more programmable electronic devices, including all elements of the system such as power supplies, sensors and other input devices, data highways and other communication paths, actuators and other output devices, used in safety related applications.

## What does SIRES provide?

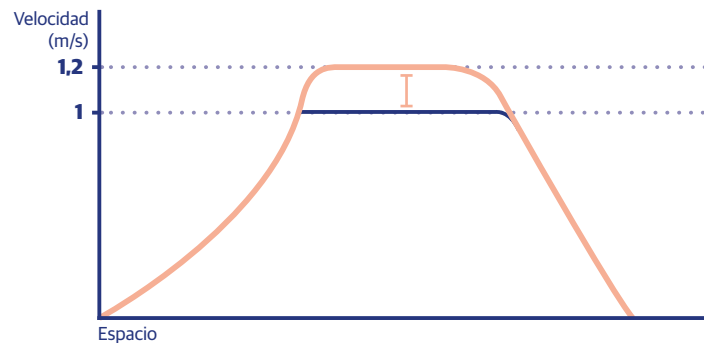
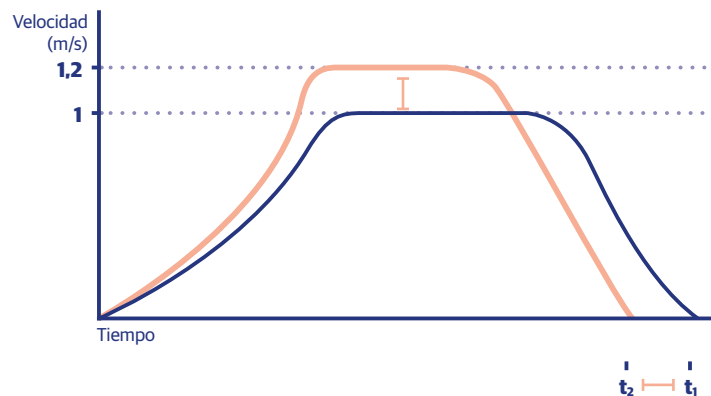
- ✓ Automatic shaft learning, drastically reducing installation costs.
- ✓ Installation & maintenance: faster, easier and more adaptable.
- ✓ Lift car location: always available in real time.
- ✓ Fault detection: made simpler by its advanced diagnostic capacities and the removal of outdated components.
- ✓ Covers various safety functions of the EN81-20 / 50 standard such as bottom limits, uncontrolled movement, overspeed control and triggering.
- ✓ It also covers other safety functions such as door area positioning for the emergency rescue control system.
- ✓ The PESSRAL device is silent and resistant to dust, smoke and humidity.

# What makes the difference

## Varispeed

Faster travel for optimum traffic management

For the first time as a standard feature, the **Enviro Revolution®** incorporates innovative **Varispeed** technology that allows the lift to travel faster, cut passengers' travel and waiting times and increase the building's lift traffic capacity.



Travel up to **20% faster**

**Reduction of waiting times\***

**Reduced energy consumption\*\***

**Reduced travel time to destination\***

**Varispeed allows lifts to travel faster than their rated speed.\***

When the weight of the lift car and counterweight are well balanced, depending on the number of passengers inside the lift car, the gearless machine may not require all of its power to move the lift at nominal speed. This unused power allows the lift to travel faster.\*\*

\* Certified for an exception to standards.

\*\* Data always obtained with car load under 80% of its capacity.

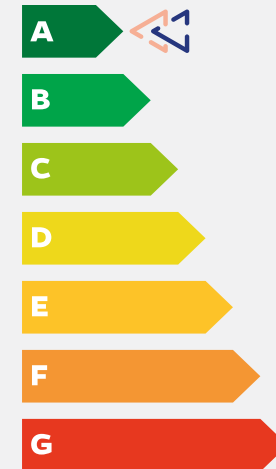
\* Based on traffic analysis during the late evening in a residential building with 24m travel, 9 floors and an occupation of 10 people per floor.

\*\* Based on data collected of random traffic in a residential building over 6 floors with 15.5m travel.

# What makes the difference

## Energetic efficiency

- GEARLESS (doesn't require lubricants).
- LED LIGHTING.
- VARISPEED.
- ALEC LEARNING.
- STANDBY: is activated whenever the lift is not in use, and thanks to ALEC the reactivation only takes a couple of milliseconds, imperceptible for the user.
- DIRECT APPROACH SYSTEM.
- Designed and built in accordance with **ISO14001** that complies with an effective enviromental management system.





# What makes the difference

## App

New App **designed by lift engineers for lift engineers** to facilitate maintenance and technical support tasks.

- Online technical support.
- Automatic software updates.
- Free download.
- Possible to get connected on the spot with a special Wi-Fi device included as standard.

### Available for



# What makes the difference

## Smartech

We have introduced as standard a new 7" car display, and also the option for landing doors indicators (7" display) with comprehensive information about the lift situation, trip, consumption, timings, arrival times, all up-to-date to ensure the best comfort for your trip.

### Lift car Smartech display

- Lift availability before travel.
- Smartech AutoTest Function.
- Position & direction.
- Destination floor & time remaining before arrival.
- Speed.
- Energy consumption.
- Emergency light.
- Date & time.
- Load & passenger capacity.



### Landing Smartech HR display\*

- Position & direction.
- Welcome messages.\*
- Flashing LED display by the lift entrance.
- Situation reports.
- Lift arrival countdown.
- Energy consumption.
- Voice messages.



Optional:  
**VOICE SYNTHESISER**



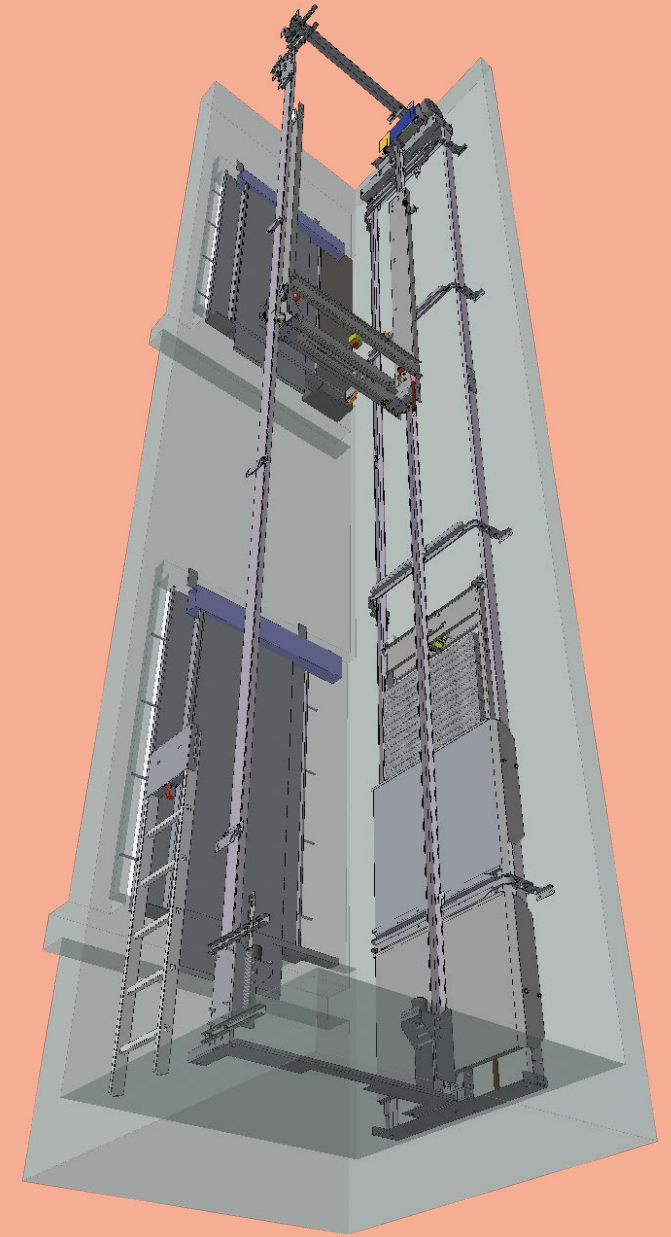
# **Revolution** ENVIRO

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**450kg / 630kg / 700kg / 800kg / 900kg / 1000kg**

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This is a gearless, efficient, compact, easy to install, low weighted lift. The robust conventional underslung sling arrangement allows for excellent ride quality, together with the hard-wearing car, platform, flooring and ceilings. The traditional linkage bar mechanism has been replaced by a modern electrically triggered safety gear that provides a lower tripping speed. State-of-the-art electronic overspeed governor.



RATED LOAD · 450kg / 6 people		ROPING · 2:1		MAXIMUM SPEED · 1.2 m/s		PIT · 1050	
Entrances Angle	Car		Shaft		Door type (C/O)	Min. Headroom CH 2175mm	
	Width (A)	Depth (B)	Width (C)	Depth (D)			
1/0°	950	1300	1450	1550	Side opening 2P 800 (AUGUSTA EVO)	3400	
2/180°	950	1300	1450	1670			
1/0°	1000	1200	1500	1450			
2/180°	1000	1200	1500	1570			
1/0°	1000	1250	1500	1500			
2/180°	1000	1250	1500	1620			
<b>1/0°</b>	<b>1000</b>	<b>1300</b>	<b>1500</b>	<b>1550</b>			
<b>2/180°</b>	<b>1000</b>	<b>1300</b>	<b>1500</b>	<b>1670</b>			
1/0°	1050	1200	1550	1450			
2/180°	1050	1200	1550	1570			
1/0°	950	1300	1750	1520	Central 2P 800 (AUGUSTA EVO)	3400	
2/180°	950	1300	1750	1590			
1/0°	1000	1200	1750	1420			
2/180°	1000	1200	1750	1490			
1/0°	1000	1250	1750	1470			
2/180°	1000	1250	1750	1540			
<b>1/0°</b>	<b>1000</b>	<b>1300</b>	<b>1750</b>	<b>1520</b>			
<b>2/180°</b>	<b>1000</b>	<b>1300</b>	<b>1750</b>	<b>1590</b>			
1/0°	1050	1200	1750	1420			
2/180°	1050	1200	1750	1490			

All dimensions are based on the door sill being 25mm inside the lift shaft.

 Most common configurations

# 450kg



## Operational ranges

<b>Maximum travel</b>	Up to 60 m (Maximum 15 floors)
	<b>Pit</b> Minimum: 1050 mm Maximum: 1550 mm
<b>Shaft</b>	<b>Headroom</b> Minimum: 3400mm (CH 2175mm) and 3500 mm (CH 2275mm)
	<b>Minimum width</b> Car width + 500 mm
<b>Lift car</b>	<b>Maximum width</b> Car width + 1100mm With side opening doors and door sill completely in the shaft, add 75mm per opening side. With central opening doors and door sill completely in the shaft, add 40mm per opening side. Option for doors completely in the shaft. Shaft width tolerance -10/+50mm. Shaft depth tolerance with single entry 0° -10/+infinite mm. Shaft depth tolerance with through car 180° -0/+30 mm.
	<b>Minimum depth</b> 1200 mm
<b>Lift car</b>	<b>Maximum depth</b> 1450 mm
	<b>Minimum width</b> 950 mm
<b>Lift car</b>	<b>Maximum width</b> 1150 mm
	<b>Standard height</b> 2175mm with 2000mm high doors (option for 2275mm with 2100mm high doors)

RATED LOAD · 630kg / 8 people			ROPING · 2:1		MAXIMUM SPEED · 1.2 m/s		PIT · 1050	
Entrances Angle	Car		Shaft		Door type (C/O)	Min. Headroom CH 2175mm		
	Width (A)	Depth (B)	Width (C)	Depth (D)				
1/0°	1050	1450	1550	1700	Side opening 2P 800 (AUGUSTA EVO)	3400		
2/180°	1050	1450	1550	1820				
1/0°	1100	1400	1600	1650				
2/180°	1100	1400	1600	1770				
1/0°	1150	1350	1650	1600	Side opening 2P 900 (AUGUSTA EVO)			
2/180°	1150	1350	1650	1720				
1/0°	1100	1400	1600	1650				
2/180°	1100	1400	1600	1770				
1/0°	1150	1350	1650	1600	Central 2P 800 (AUGUSTA EVO)			
2/180°	1150	1350	1650	1720				
1/0°	1050	1450	1750	1670				
2/180°	1050	1450	1750	1740				
1/0°	1100	1400	1750	1620	Central 2P 900 (AUGUSTA EVO)			
2/180°	1100	1400	1750	1690				
1/0°	1150	1350	1750	1570				
2/180°	1150	1350	1750	1640				
1/0°	1100	1400	1925	1620	Central 2P 900 (AUGUSTA EVO)			
2/180°	1100	1400	1925	1690				
1/0°	1150	1350	1925	1570				
2/180°	1150	1350	1925	1640				

All dimensions are based on the door sill being 25mm inside the lift shaft.

 Most common configurations

# 630kg



## Operational ranges

Maximum travel	Up to 60 m (Maximum 15 floors)
	<b>Pit</b> Minimum: 1050 mm Maximum: 1550 mm
	<b>Headroom</b> Minimum: 3400mm (CH 2175mm) and 3500 mm (CH 2275mm)
Shaft	<b>Minimum width</b> Car width + 500 mm
	<b>Maximum width</b> Car width + 1100mm With side opening doors and door sill completely in the shaft, add 75mm per opening side. With central opening doors and door sill completely in the shaft, add 40mm per opening side. Option for doors completely in the shaft. Shaft width tolerance -10/+50mm. Shaft depth tolerance with single entry 0° -10/+infinite mm. Shaft depth tolerance with through car 180° -0/+30 mm.
	<b>Minimum depth</b> 1200 mm
Lift car	<b>Maximum depth</b> 1450 mm
	<b>Minimum width</b> 950 mm
	<b>Maximum width</b> 1150 mm
	<b>Standard height</b> 2175mm with 2000mm high doors (option for 2275mm with 2100mm high doors)

RATED LOAD · **700kg / 9 people**

ROPING · **2:1**

MAXIMUM SPEED · **1.2 m/s**

PIT · **1050**

Entrances Angle	Car		Shaft		Door type (C/O)	Min. Headroom CH 2175mm
	Width (A)	Depth (B)	Width (C)	Depth (D)		
1/0°	1100	1500	1600	1750	Side opening 2P 900 (AUGUSTA EVO)	3450*
2/180°	1100	1500	1600	1870		
1/0°	1200	1400	1700	1650		
2/180°	1200	1400	1700	1770		
1/0°	1100	1500	1750	1710	Central 2P 800 (AUGUSTA EVO)	
2/180°	1100	1500	1750	1790		
1/0°	1200	1400	1750	1610		
2/180°	1200	1400	1750	1690		
1/0°	1100	1500	1950	1710	Central 2P 900 (AUGUSTA EVO)	
2/180°	1100	1500	1950	1790		
1/0°	1200	1400	1950	1610		
2/180°	1200	1400	1950	1690		

 Most common configurations


## Operational ranges

Shaft	Maximum travel	Up to 60 m (Maximum 15 floors)
	Pit	Minimum standard: 1050 mm · Maximum: 1900 mm
	Headroom	Minimum standard (lift car 2175mm): 3450mm, (lift car 2275mm) 3550 mm  Headroom 3450 mm with car height of 2175 mm (3400 mm is possible by removing the lifting beam after installation) Headroom 3550 mm with car height of 2275 mm (3500 mm is possible by removing the lifting beam after installation)
	Minimum width measured from lift car	Car width + 500 mm
	For lift shafts with >40m travel, the recommended shaft width: Car width + 550 mm	
	Shaft width tolerance -10/+50mm	
	Shaft depth tolerance with single entry 0° -10/+infinite mm	
	Shaft depth tolerance with through car 180° -0/+30 mm	
	Minimum width	1600mm
	Maximum width measured from lift car	Car width + 1100mm
Lift car (in 100 mm increments)	Maximum width	2700mm (based on a car width of 1600mm)
	Minimum depth	1400 mm
	Maximum depth	2100 mm
	Minimum width	1100 mm
	Maximum width	1600 mm
	Standard height	2175mm with 2000mm high doors (option for 2275mm with 2100mm high doors)

**RATED LOAD · 800kg / 10 people**
**ROPING · 2:1**
**MAXIMUM SPEED · 1.2 m/s**
**PIT · 1050**

Entrances Angle	Car		Shaft		Door type (C/O)	Min. Headroom CH 2175mm
	Width (A)	Depth (B)	Width (C)	Depth (D)		
1/0°	1100	1600	1600	1850	Side opening 2P 900 (AUGUSTA EVO)	3450*
2/180°	1100	1600	1600	1970		
1/0°	1100	1700	1600	1950		
2/180°	1100	1700	1600	2070		
1/0°	1100	1800	1600	2050		
2/180°	1100	1800	1600	2170		
1/0°	1200	1500	1700	1750		
2/180°	1200	1500	1700	1870		
1/0°	1200	1600	1700	1850		
2/180°	1200	1600	1700	1970	Side opening 2P 1000 (AUGUSTA EVO)	
1/0°	1300	1400	1800	1650		
2/180°	1300	1400	1800	1770		
1/0°	1300	1500	1800	1750		
2/180°	1300	1500	1800	1870		
1/0°	1400	1400	1900	1650		
2/180°	1400	1400	1900	1770		
1/0°	1100	1600	1750	1810		
2/180°	1100	1600	1750	1890		
1/0°	1100	1700	1750	1910		
2/180°	1100	1700	1750	1990		
1/0°	1100	1800	1750	2010		
2/180°	1100	1800	1750	2090		
1/0°	1200	1500	1750	1710		
2/180°	1200	1500	1750	1790		
1/0°	1200	1600	1750	1810		
2/180°	1200	1600	1750	1890	Central 2P 900 (AUGUSTA EVO)	
1/0°	1300	1400	1950	1610		
2/180°	1300	1400	1950	1690		
1/0°	1300	1500	1950	1710		
2/180°	1300	1500	1950	1790		
1/0°	1400	1400	1950	1610		
2/180°	1400	1400	1950	1690		
1/0°	1300	1400	2150	1610		
2/180°	1300	1400	2150	1690		
1/0°	1300	1500	2150	1710		
2/180°	1300	1500	2150	1790		
1/0°	1400	1400	2150	1610		
2/180°	1400	1400	2150	1690		

 Most common configurations

**800kg**


## Operational ranges

<b>Maximum travel</b>	Up to 60 m (Maximum 15 floors)
	<b>Pit</b> Minimum standard: 1050 mm · Maximum: 1900 mm
	Minimum standard (lift car 2175mm): 3450mm, (lift car 2275mm) 3550 mm
	<b>Headroom</b> Headroom 3450 mm with car height of 2175 mm (3400 mm is possible by removing the lifting beam after installation) Headroom 3550 mm with car height of 2275 mm (3500 mm is possible by removing the lifting beam after installation)
	<b>Minimum width measured from lift car</b> Car width + 500 mm
	<b>Shaft</b> For lift shafts with >40m travel, the recommended shaft width: Car width + 550 mm
	Shaft width tolerance -10/+50mm
	Shaft depth tolerance with single entry 0° -10/+infinite mm
	Shaft depth tolerance with through car 180° -0/+30 mm
	<b>Minimum width</b> 1600mm
<b>Lift car (in 100 mm increments)</b>	<b>Maximum width measured from lift car</b> Car width + 1100mm
	<b>Maximum width</b> 2700mm (based on a car width of 1600mm)
	<b>Minimum depth</b> 1400 mm
	<b>Maximum depth</b> 2100 mm
	<b>Minimum width</b> 1100 mm
	<b>Maximum width</b> 1600 mm
	<b>Standard height</b> 2175mm with 2000mm high doors (option for 2275mm with 2100mm high doors)

RATED LOAD · 900kg / 12 people			ROPING · 2:1		MAXIMUM SPEED · 1.2 m/s		PIT · 1050		
Entrances	Car		Shaft		Door type	Min. Headroom			
Angle	Width (A)	Depth (B)	Width (C)	Depth (D)	(C/O)	CH 2175mm			
1 / 0°	1100	1900	1600	2150	Side opening 2P 900 (AUGUSTA EVO)	3450*			
2 / 180°	1100	1900	1600	2270					
1 / 0°	1200	1700	1700	1950					
2 / 180°	1200	1700	1700	2070					
1 / 0°	1300	1600	1800	1850	Side opening 2P 1000 (AUGUSTA EVO)				
2 / 180°	1300	1600	1800	1970					
1 / 0°	1400	1500	1900	1750					
2 / 180°	1400	1500	1900	1870					
1 / 0°	1500	1400	2000	1650	Central 2P 800 (AUGUSTA EVO)				
2 / 180°	1500	1400	2000	1770					
1 / 0°	1100	1900	1750	2110					
2 / 180°	1100	1900	1750	2190					
1 / 0°	1200	1700	1750	1910	Central 2P 900 (AUGUSTA EVO)				
2 / 180°	1200	1700	1750	1990					
1 / 0°	1300	1600	1950	1810					
2 / 180°	1300	1600	1950	1890					
1 / 0°	1400	1500	1950	1710	Central 2P 1000 (AUGUSTA EVO)				
2 / 180°	1400	1500	1950	1790					
1 / 0°	1500	1400	2050	1610					
2 / 180°	1500	1400	2050	1690					
1 / 0°	1300	1600	2150	1810	Central 2P 1000 (AUGUSTA EVO)				
2 / 180°	1300	1600	2150	1890					
1 / 0°	1400	1500	2150	1710					
2 / 180°	1400	1500	2150	1790					
1 / 0°	1500	1400	2150	1610					
2 / 180°	1500	1400	2150	1690					

Most common configurations

# 900kg



## Operational ranges

Shaft	Maximum travel	Up to 60 m (Maximum 15 floors)
	Pit	Minimum standard: 1050 mm · Maximum: 1900 mm
	Headroom	Minimum standard (lift car 2175mm): 3450mm, (lift car 2275mm) 3550 mm
		Headroom 3450 mm with car height of 2175 mm (3400 mm is possible by removing the lifting beam after installation) Headroom 3550 mm with car height of 2275 mm (3500 mm is possible by removing the lifting beam after installation)
	Minimum width measured from lift car	Car width + 500 mm
	For lift shafts with >40m travel, the recommended shaft width: Car width + 550 mm	
	Shaft width tolerance -10/+50mm	
	Shaft depth tolerance with single entry 0° -10/+infinite mm	
	Shaft depth tolerance with through car 180° -0/+30 mm	
	Minimum width	1600mm
Lift car (in 100 mm increments)	Maximum width measured from lift car	Car width + 1100mm
	Maximum width	2700mm (based on a car width of 1600mm)
	Minimum depth	1400 mm
	Maximum depth	2100 mm
	Minimum width	1100 mm
	Maximum width	1600 mm
	Standard height	2175mm with 2000mm high doors (option for 2275mm with 2100mm high doors)



RATED LOAD · 1000kg / 13 people		ROPING · 2:1		MAXIMUM SPEED · 1.2 m/s		PIT · 1050	
Entrances Angle	Car		Shaft		Door type (C/O)	Min. Headroom CH 2175mm	
	Width (A)	Depth (B)	Width (C)	Depth (D)			
1 / 0°	1100	2000	1600	2250	Side opening 2P 900 (AUGUSTA EVO)	3450*	
2 / 180°	1100	2000	1600	2370			
1 / 0°	1100	2100	1600	2350			
2 / 180°	1100	2100	1600	2470			
1 / 0°	1200	1800	1700	2050			
2 / 180°	1200	1800	1700	2170			
1 / 0°	1200	1900	1700	2150			
2 / 180°	1200	1900	1700	2270			
1 / 0°	1200	2000	1700	2250			
2 / 180°	1200	2000	1700	2370			
1 / 0°	1300	1700	1800	1950	Side opening 2P 1000 (AUGUSTA EVO)		
2 / 180°	1300	1700	1800	2070			
1 / 0°	1300	1800	1800	2050			
2 / 180°	1300	1800	1800	2170			
1 / 0°	1400	1600	1900	1850			
2 / 180°	1400	1600	1900	1970			
1 / 0°	1400	1700	1900	1950			
2 / 180°	1400	1700	1900	2070			
1 / 0°	1500	1500	2000	1750			
2 / 180°	1500	1500	2000	1870			
1 / 0°	1500	1600	2000	1850			
2 / 180°	1500	1600	2000	1970			
1 / 0°	1600	1400	2100	1650			
2 / 180°	1600	1400	2100	1770			
1 / 0°	1600	1500	2100	1750			
2 / 180°	1600	1500	2100	1870			

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\* A 3400mm Headroom can be achieved if the lifting beam is removed once the installation is completed.

Most common configurations

# 1000kg



## Operational ranges

Maximum travel	Up to 60 m (Maximum 15 floors)
Pit	Minimum standard: 1050 mm · Maximum: 1900 mm
Headroom	Minimum standard (lift car 2175mm): 3450mm, (lift car 2275mm) 3550 mm
Shaft	Headroom 3450 mm with car height of 2175 mm (3400 mm is possible by removing the lifting beam after installation)
	Headroom 3550 mm with car height of 2275 mm (3500 mm is possible by removing the lifting beam after installation)
Minimum width measured from lift car	Car width + 500 mm
Maximum width measured from lift car	For lift shafts with >40m travel, the recommended shaft width: Car width + 550 mm
Minimum depth	Shaft width tolerance -10/+50mm
Maximum depth	Shaft depth tolerance with single entry 0° -10/+infinite mm
Minimum width	Shaft depth tolerance with through car 180° -0/+30 mm
Maximum width	Minimum width 1600mm
Standard height	Maximum width measured from lift car Car width + 1100mm
Maximum width	Maximum width 2700mm (based on a car width of 1600mm)
Minimum depth	Minimum depth 1400 mm
Maximum depth	Maximum depth 2100 mm
Minimum width	Minimum width 1100 mm
Maximum width	Maximum width 1600 mm
Standard height	2175mm with 2000mm high doors (option for 2275mm with 2100mm high doors)

RATED LOAD · 1000kg / 13 people		ROPING · 2:1		MAXIMUM SPEED · 1.2 m/s		PIT · 1050	
Entrances Angle	Car		Shaft		Door type (C/O)	Min. Headroom CH 2175mm	
	Width (A)	Depth (B)	Width (C)	Depth (D)			
1/0°	1100	2000	1750	2210	Central 2P 800 (AUGUSTA EVO)	3450*	
2/180°	1100	2000	1750	2290			
1/0°	1100	2100	1750	2310			
2/180°	1100	2100	1750	2390			
1/0°	1200	1800	1750	2010			
2/180°	1200	1800	1750	2090			
1/0°	1200	1900	1750	2110			
2/180°	1200	1900	1750	2190			
1/0°	1200	2000	1750	2210			
2/180°	1200	2000	1750	2290			
1/0°	1300	1700	1950	1910	Central 2P 900 (AUGUSTA EVO)	3450*	
2/180°	1300	1700	1950	1990			
1/0°	1300	1800	1950	2010			
2/180°	1300	1800	1950	2090			
1/0°	1400	1600	1950	1810			
2/180°	1400	1600	1950	1890			
1/0°	1400	1700	1950	1910			
2/180°	1400	1700	1950	1990			
1/0°	1500	1500	2050	1710			
2/180°	1500	1500	2050	1790			
1/0°	1500	1600	2050	1810	Central 2P 1000 (AUGUSTA EVO)	3450*	
2/180°	1500	1600	2050	1890			
1/0°	1600	1400	2150	1610			
2/180°	1600	1400	2150	1690			
1/0°	1600	1500	2150	1710	Central 2P 1000 (AUGUSTA EVO)	3450*	
2/180°	1600	1500	2150	1790			

Most common configurations

# 1000kg



Features available for capacities:  
750 / 800 / 900 / 1000 kg

- New standardised electronic load weigher with settings carried out electronically.
- Control panel cabinet equivalent to the 450-630kg model. **Car sling with inverter.**

#### Lift car:

- 4 x LED spotlights.
- Lift car prepared for decoration by client (maximum weight allowances apply).

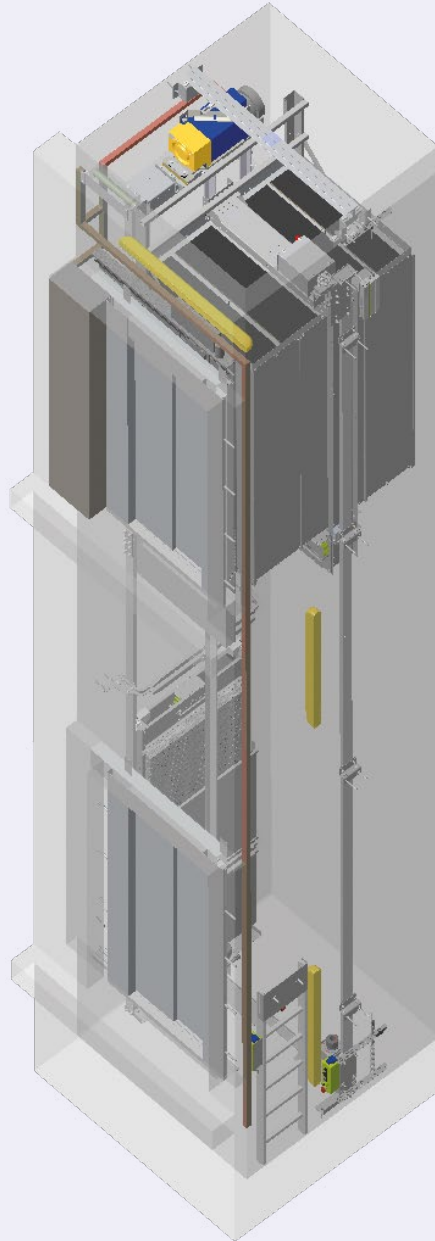
#### Options:

- Ziehl Abegg machine.
- T90/B car guides (16mm).
- Wittur Augusta or Hydra car and landing doors.

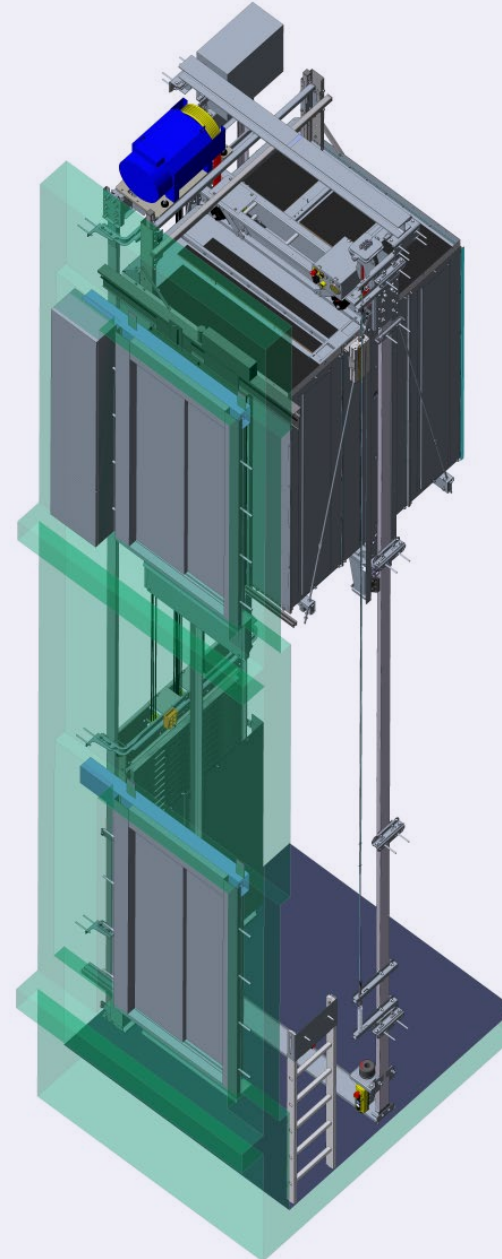
#### Installation:

- Product designed for installation in less than 100 hours with no need for scaffolding.

Mechanics for  
450 and 630kg



Mechanics for  
700, 800, 900 and 1000kg



## Standard Functions

- ✓ **Direct approach**  
The lift approaches the floor with no intermediate speeds to stop gently at the floor level. The position of the car is calculated at all times without the need for magnets.
- ✓ **Maximum n° of calls**  
Limited number of car calls registered.  
Anti-vandal mode.
- ✓ **Multiple**  
A group of up to 4 lifts can be controlled.
- ✓ **Limited out of service**  
Allows a group of lifts to self-manage a singular lift with continuous faults and leave it out of service whilst other lifts handle calls.
- ✓ **Safety edge**  
Safety edge according to EN81-20.
- ✓ **Self-diagnosing safety edge**  
Autodiagnosis of the safety edge in which the door sensors are automatically checked.
- ✓ **Overload function**  
The display gives a visual and audible indication to the users of overloading inside the car.
- ✓ **Emergency rescue**  
Manual handwinding through the controlled opening of the brakes with an incorporated UPS.

- ✓ **Emergency ceiling light in car**  
In the event of a power cut, an emergency light in the car operating panel illuminates in accordance with EN81-20
- ✓ **Stand-by mode**  
turns off car light, car indicator and landing indicators after a preset time.

## Optional Functions

- ✓ **Door closing push button**  
This allows the time between stops to be shortened by means of a push button in the car that can be activated if there are car calls registered.
- ✓ **Nudge**  
The doors close slowly in the event of a prolonged interruption of the safety edge, notifying the persons in the car visibly and/or acoustically.
- ✓ **Homing mode**  
The lift car returns to the specified homing floor.
- ✓ **Fire control**  
In the event of a fire, a control is activated that sends the lift to the fire emergency floor. If the lift is going away from the fire emergency floor, it will stop at the first possible stop and without opening the doors, it will return to the fire emergency floor. If the lift is going in the direction of the fire emergency floor, it will not stop until it arrives at that floor. This complies with EN81-73. When this is completed, it can return to normal operation.

- ✓ **Car fan**  
There is a timer to activate/deactivate the fan.
- ✓ **Service control keyswitch**  
Only calls made from the car operating panel are registered.
- ✓ **Departure gong, ascending and descending tones - EN81-70 -**  
Activates a sound with an ascending scale for ascent and a descending scale for descent.
- ✓ **Voice synthesiser**  
This is a voice synthesiser that emits informative messages concerning the operation of the lift.
- ✓ **Seismic detector**  
Sensor prewired
- ✓ **ARD**  
Automatic rescue device which takes the lift to the nearest floor and open the doors.

.....  
For further options please contact our sales team.  
.....



# Design Options



## Layer *Revolution® Series*

**Layer Revolution® Series lift cars** are built with galvanised steel sheeting and clad with plastic laminates available in a wide range of colours or with stainless steel in a choice of different patterns.

➤➤ **In-car lighting:** direct, using LED spotlights from either range.

➤➤ **Lift-car doors and front returns:** finished in stainless steel.

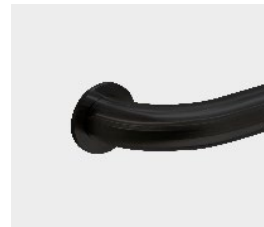
➤➤ **Car operating panel:** BCR1N model which includes the 7" TFT colour indicator.

➤➤ Hard-wearing **car floors** available in a range of rubber finishes.

➤➤ **Handrails:** finished in black steel or stainless steel as an option. Lift car is also available with handrails on all walls or without.

➤➤ **Mirror** (optional): covering half of the back wall of the car.

➤➤ Design in full accordance with 2014/33/EU Directive, EN 81-20:2014, EN 81-50:2014 and EN 81/70:2018.



A new MRL lift solution manufactured by **GLE**





## Mute *Revolution® Series*

**Mute Revolution® Series lift cars** are built with galvanised steel sheeting and clad with high-pressure laminates in a wide range of colours.

➤ **In-car lighting:** direct, using LED spotlights from either range.

➤ **Lift-car doors and front returns:** finished in stainless steel.

➤ **Car operating panel:** BCR2N model which includes the 7" TFT colour indicator.

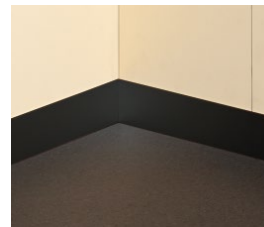
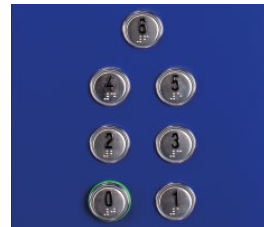
➤ **Skirtings:** finished in black aluminum.

➤ Hard-wearing **car floors** available in a range of rubber finishes.

➤ **Handrails:** finished in black steel or stainless steel as an option. Lift car is also available with handrails on all walls or without.

➤ **Mirror** (optional): covering two-thirds of the car's back wall.

➤ Design in full accordance with 2014/33/EU Directive, EN 81-20:2014, EN 81-50:2014 and EN 81/70:2018.



A new MRL lift solution manufactured by **GLE**



## Car wall panels

### Layer Revolution® Series

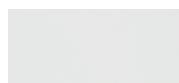
#### Skinplate



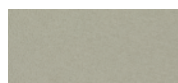
PB10



PB15



PB20



PB25



PB30



PB35



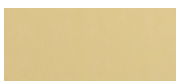
PB40



PB45



PB50



PB55



PB60



PB65



PB70



PB75



PB80

#### Stainless steel



Stainless



Stainless Square



Stainless Waves



Stainless linen



Elephant skin

### Serie Mute Revolution®

#### High-pressure laminates



PM10



PM15



PM20



PM25



PM30



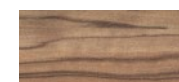
PM35



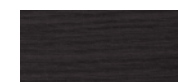
PM40



PM45



PM50



PM55

## Flooring

#### Rubber



S45GN



S42GB



S101



S102

#### Granite



Granite gray pearl



Granite light



Granite dark

#### Marble



White marble



Brown marble

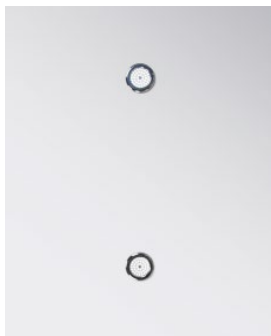
Local flooring preparation 25mm available on request.

## Handrails

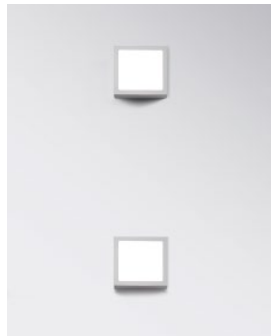


PSR\*

## Lighting



LED Spotlights



Square LED spotlights

## Car operating panels, landing push stations & indicators

### Landing Push Stations



BER1\*

BER2\*\*

BER3\*\*\*

\*Push buttons installed directly in the door frame.

\*\* Flush mounted on door frame.

\*\*\* Surface mounted on door frame.

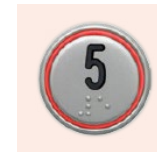
### Car Operating Panels



BCR1N

BCR2N

### Car Push Buttons



DMG MACRO

Stainless steel push-buttons with tactile legend and braille (EN81-70 compliant).

### Landing indicators



FERV



Smarttech HR indicator.  
EN81-70 option: Includes for direction of travel arrow and gong.



HLER - Car doorjamb (EN81-70)

# Installation, commissioning and maintenance

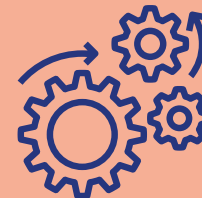
- This lift has been designed to be installed in **less than 100 hours** for a six-stop lift.
- Enviro Revolution® is the result of improving assembly processes based on 50 years of experience, not only as a factory, but by **taking advantage of our experience as installers.**
- Together with the lift and its components, we provide our customers with all the **assembly tools and the most complete and detailed technical information**, as well as a step-by-step manual for its installation.
- From the customer's work data collection, the control is supplied with the **distance between floors preset**, so only a fine adjustment on site is necessary.
- The **zero encoder is preset at the factory.**
- Car assembly is carried out from the inside and can be done by a **single person**, thanks to the pre-assembly of some pieces.
- The packaging is designed to facilitate the work of installation personnel, and save time. **All the lift components and parts are clearly identified and organised** according to their place in the installation sequence.
- Plug & Play: Our electrical packages are supplied **pre-tested and pre-wired** to the specific gearless machine that is shipped with the lift.
- Permanent technical **support service.**
- **Spare parts** guaranteed.
- **Average lead time of 4 weeks** once order is confirmed.



**LESS THAN  
100 HOURS**



**1 SINGLE  
PERSON**



**100%  
PLUG  
& PLAY**



Global Lift Equipment

[www.gle-lifts.com](http://www.gle-lifts.com)



Calle Raos-Galera, 33

39600 Maliaño (Cantabria) · SPAIN

Tel. (+34) 942 354 214 • skype: glespain1 • [info@gle.com.es](mailto:info@gle.com.es)

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