A modern interior space with a textured stone wall. On the left, a glass-enclosed lift is visible. To the right, there is a seating area with two leather armchairs and a small round table. The floor is made of large, light-colored tiles. The overall atmosphere is sophisticated and minimalist.

# PASSENGER PRO LIFT

PREMIER









## PASSENGER PRO LIFT

Passenger Pro lift offers passengers a unique travel experience characterised by smooth and silent travel with no abrupt movements. The result is a relaxed user experience and the capacity to shine, whatever the architectural setting.



### **SPEED : 1 - 1.2 M/S**

The Premier Home Lift offers smooth consistent speed between floors and is in conformity with European standards.



### **PIT & HEADROOM REQUIREMENTS**

Pit requirements are a minimum of 1050mm. Minimum headroom from the top floor FFL is 3400mm



### **MACHINE - ROOM LESS TRACTION DRIVE**

Drive options that are suited to the user and building requirements. We work with you to provide the best option.



### **RATED LOAD: UP TO 630KG \***

Advanced traction drive system allows for a high maximum capacity with up to 8 people using the lift at a given time.



### **TRAVEL: 60 M**

Suitable for most residential and public spaces.



### **MEETS ALL LEGISLATION REQUIREMENTS**

All of our products comply with Europe's strictest safety requirements. Ensuring safety with the latest EC directives.

\* These are possible min/max values, certain drive and building requirements may limit values. See brochures technical pages or contact a sales specialist for more information.







#### SMARTTECH CAR AND LANDING INDICATORS

New 7" car and landing indicators that keep passengers up to date in real time regarding the lift position.



#### DESTINATION FLOOR & TIME REMAINING BEFORE ARRIVAL

Indicates the floor to which the lift is travelling and the time remaining before arrival, expressed in seconds.



#### ALL NEW MODERN DESIGN CABIN

Minimalist cabin design caters for our customers' most demanding finishes right down to the last detail, both in terms of appearance and of function.



#### HIGH QUALITY STAINLESS STEEL HANDRAILS

Sleek rounded design finished in AISI 304 stainless steel. Lift car is also available with handrails on all walls or without.





## SUPREME PRECISION AND COMFORT



The Passenger Pro Lift offers users a unique travel experience characterised by smooth and silent travel with no abrupt movements.

Our Direct Approach System allows the lift's control system to calculate the optimum speed curve for each trip, avoiding the delays typically experienced with lifts that do not benefit from this function.

As a result, lift travel and waiting times are drastically reduced and passenger experience in terms of comfort, smoothness of travel and car-to-landing stopping accuracy are significantly improved.

On top of that, the Direct Approach System gets rid of the need for a series of sensors and devices inside the lift shaft, thereby simplifying, shortening and economising on the lift installation process and subsequent maintenance work.



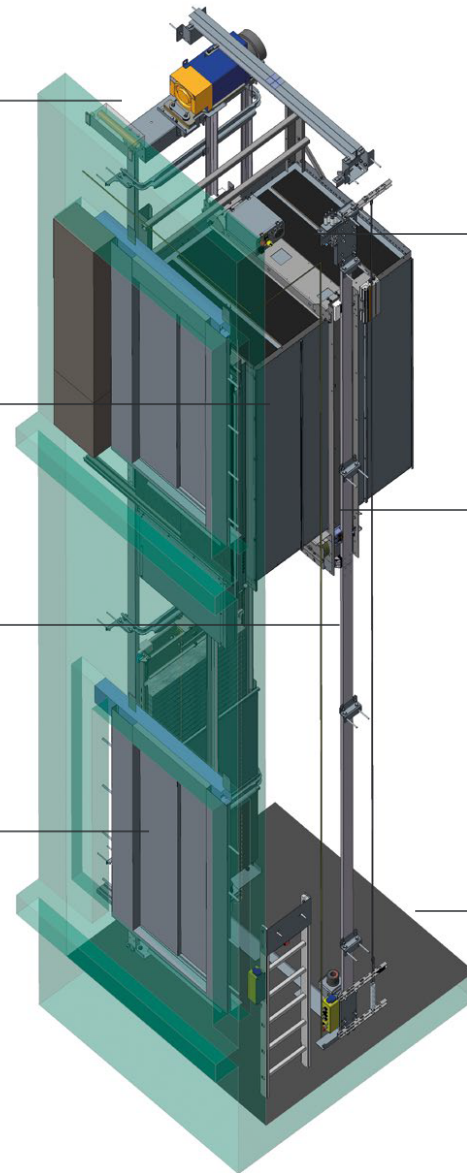
# STATE OF THE ART DRIVE SYSTEM

**Gearless machine: compact & energy efficient** as well as easier to install due to its reduced weight

The car platform, flooring, ceilings and sling arrangement make for a **robust and hard-wearing** product.

The **machined guide rails** are of the highest quality and are delivered cut to size to suit the particular project.

**Automatic fire-rated doors**, side or central opening are safe and reliable. Available in brushed stainless steel or epoxy finish.



**In full compliance with:**  
· 2014/33/EU Directive  
· EN 81-20/50 Standards  
· EN 81-28 Remote alarms  
Optional: EN81-73 · EN81-70

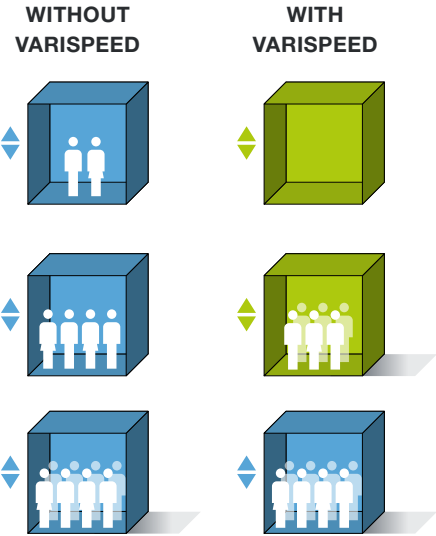
State-of-the-art **electronic overspeed governor**.

The robust **conventional under-slung sling arrangement** allows for excellent ride quality. A modern **electrically triggered safety gear** replaces the traditional linkage bar mechanism whilst providing a lower tripping speed.

In-shaft safety devices (limit switches, absolute positioning, door zone magnets, final limits) are integrated into a LIMAX Safe device.

# VARISPEED TECHNOLOGY FASTER TRAVEL FOR OPTIMUM TRAFFIC MANAGEMENT.

Our Passenger Pro lift 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.



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

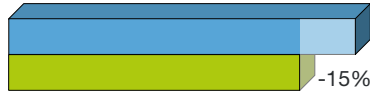
When the weight of the lift car and counterweight are well balanced, depending on the number of passengers inside the lift car, the gearless machine may not require all of its power to move the lift at nominal speed. This unused power allows the lift to travel faster.

1 m/s 1.2 m/s

Travel up to **20% faster**.



Reduction of waiting times.\*



Reduced energy consumption.\*\*



Reduced travel time to destination.\*\*\*



\* & \*\*\*: 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.

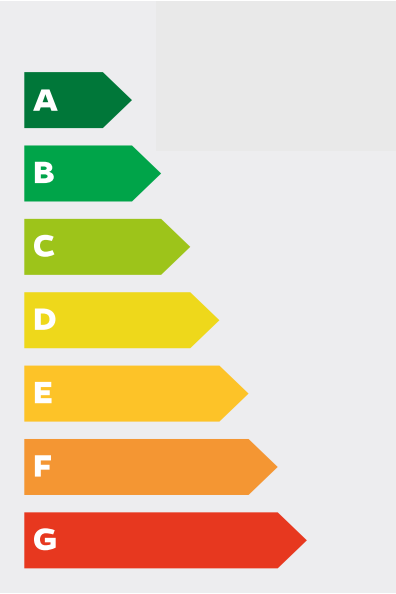
\*\* : Based on data collected of random traffic in a residential building over 6 floors with 15.5m travel.





# REVOLUTIONARY ENERGY-EFFICIENCY

Our Passenger Pro lifts have been awarded the maximum possible energy-efficiency ratings according to the VDI 4707 and ISO 25745-2 standard.



The incorporation of Varispeed and the Direct Approach System.

The gear-less 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.



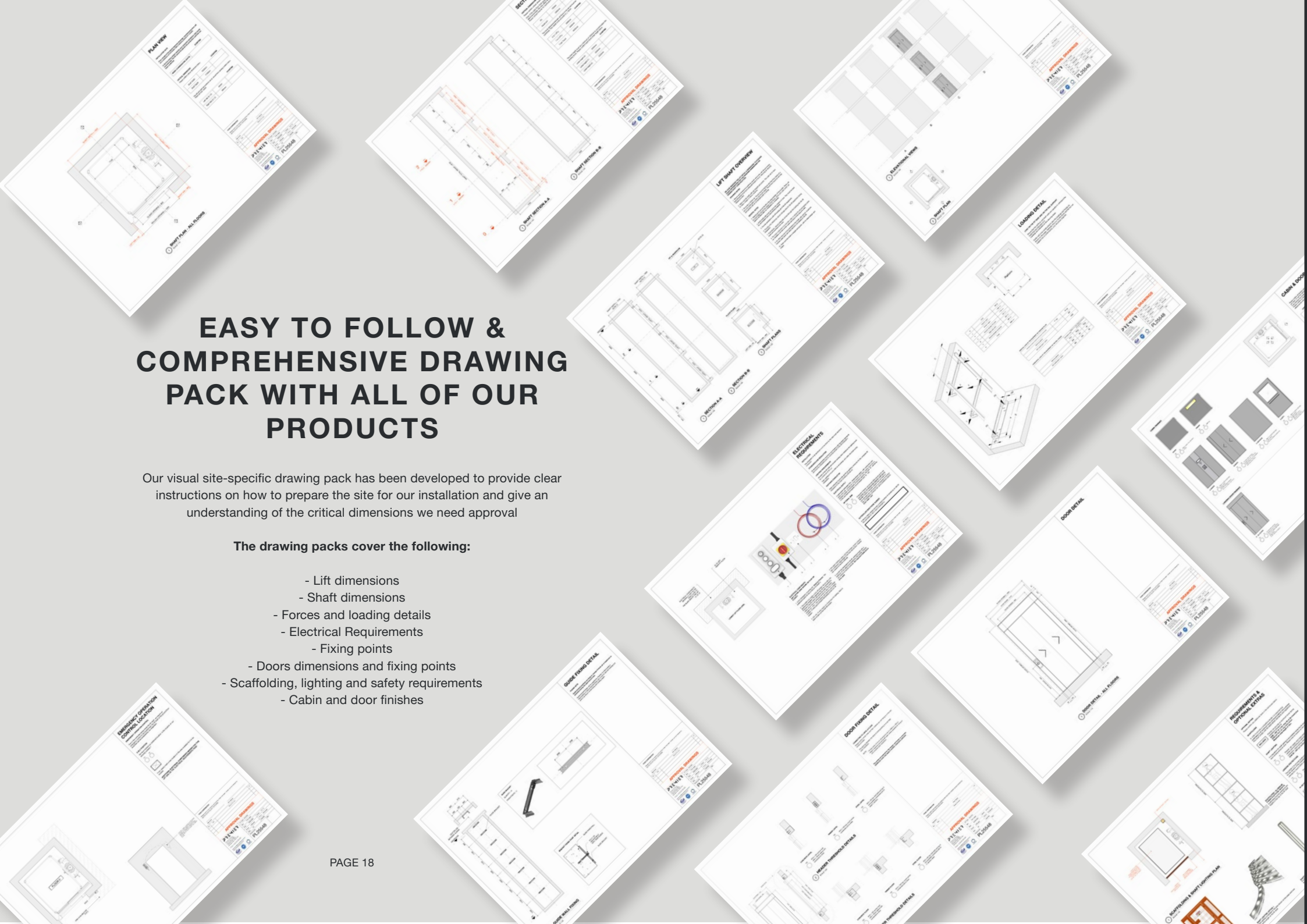


## STRUCTURES FOR INDOOR AND OUTDOOR USE

Our lifts can be provided with highly customisable structures. They can be designed with different types of glass panelling to suit installations of all kinds and provide support when masonry work is unavailable. Our skilled engineering team ensures installation is completed quickly with great care to the surrounding environment.







# EASY TO FOLLOW & COMPREHENSIVE DRAWING PACK WITH ALL OF OUR PRODUCTS

Our visual site-specific drawing pack has been developed to provide clear instructions on how to prepare the site for our installation and give an understanding of the critical dimensions we need approval

## The drawing packs cover the following:

- Lift dimensions
- Shaft dimensions
- Forces and loading details
- Electrical Requirements
- Fixing points
- Doors dimensions and fixing points
- Scaffolding, lighting and safety requirements
- Cabin and door finishes







## ADD INSTALLATION INFO

We work to provide a speedy installation, with minimal interference to your building or the surrounding area, making sure that you get to carry on with your daily life.

## PASSENGER LIFT SOLUTIONS ACROSS THE UK

Premier Lift Group is a leading provider of passenger lifts in the UK. Our team of lift engineers and installation specialists have years of experience designing, manufacturing and installing tailor-made passenger lifts for properties across the UK.





## SERVICING & WARRANTY

Premier offer a 12 month warranty (including parts) with 4 service visits annually as standard. For extended warranty options and more information please contact a Premier specialist.

**PREMIER**

## BOOK A NO OBLIGATION CONSULTATION

Start a conversation with Premier today, we will assess your requirements, talk through our available options and ensure we meet your lift solution needs.

0203 355 0523 - London  
0161 820 3716 - Manchester

info@premierliftgroup.co.uk

www.premierliftgroup.co.uk

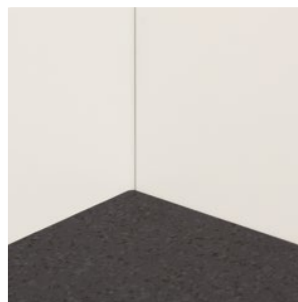
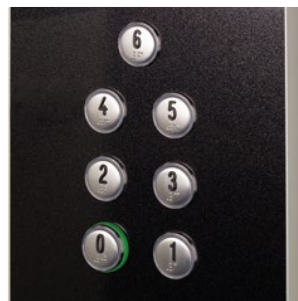




# FINISHES & ACCESSORIES







## 200 SERIES

200 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:

BCR 1 model which includes the 7" TFT colour indicator.

### FLOORING

Hard-wearing cabin floors available in a range of rubber finishes.

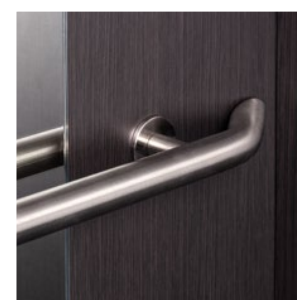
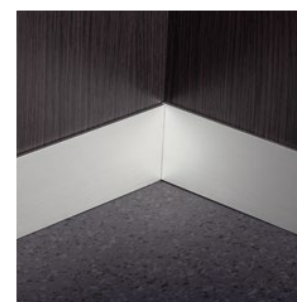
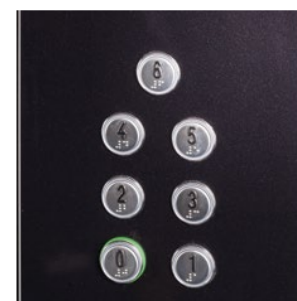
### HANDRAILS (OPTIONAL)

Finished in AISI 304 stainless steel. 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



## 300 SERIES

300 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:

BCR 2 model which includes the 7" TFT colour indicator.

### SKIRTINGS

Finished in aluminium.

### FLOORING

Hard-wearing cabin floors available in a range of rubber finishes.

### HANDRAILS (OPTIONAL)

Finished in AISI 304 stainless steel. 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





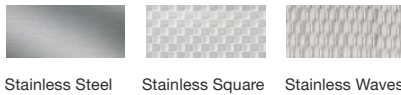
## CAR WALL PANELS

### 200 SERIES FINISHES

#### Skinplate



#### Stainless steel



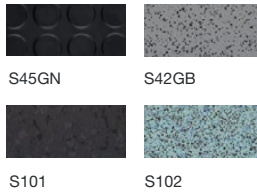
### 300 SERIES FINISHES

#### High pressure laminates

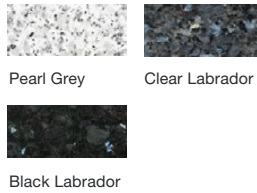


## FLOORING

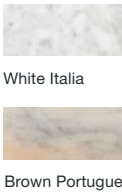
#### Rubber



#### Granite



#### Marble



## HANDRAILS



PSR



## LIGHTING



L.E.D Spotlights



Square L.E.D Spotlights



## CAR OPERATING PANELS, LANDING PUSH STATIONS & INDICATORS

### LANDING PUSH STATIONS



BER1\*

BER2\*\*

BER3\*\*\*

### LANDING INDICATORS



FERV



Smartech HR 7" indicator.  
EN81-70 option: Includes for  
direction of travel arrow and gong.



HLER - Car doorjamb  
(EN81-70)

### LANDING PUSH BUTTONS

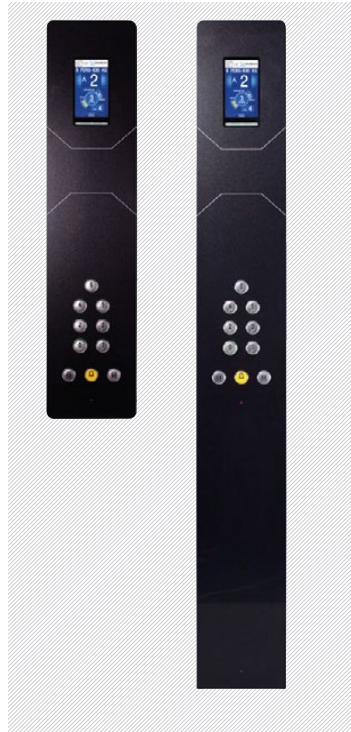


PEEB

\* Push buttons installed directly in the door frame.  
\*\* Flush mounted on door frame.  
\*\*\* Surface mounted on door frame.

## CAR OPERATING PANELS, LANDING PUSH STATIONS & INDICATORS

### Car Operating Panels



### Car Push Buttons



PCEB

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

### LIFT CAR SMARTECH DISPLAY



**Lift availability before travel.** The screen tells you if the lift is available for use.

**Smartech AutoTest Function.** Checks and display the correct functioning of the safety components and system before the start of each journey.

**Position & direction.** Shows the location of the lift within the building at all times, as well as direction of travel.

**Destination floor & time remaining before arrival.** Indicates the floor to which the lift is travelling an the time remaining before arrival, expressed in seconds.

**Speed.** Passengers are kept informed in real time of the car's speed on each journey, from departure until arrival at the destination floor.

**Energy consumption.** Indicates if the lift is consuming energy or generating it during travel, thereby reducing the building's operating costs.

**Arrival at destination floor alert.** Informs passengers when the lift reaches the destination floor.

**Date & time.** Displays the time and date in real time.

**Load & passenger capacity.** Indicates the maximum permissible load, in kilograms, and the maximum number of passengers that can travel in the lift car.

### LANDING SMARTECH HR DISPLAY\*



\*OPTIONAL

**Welcome messages.** The screen greets passengers with messages corresponding to the particular time of day.

**Position & direction.** Indicates to passengers waiting on a landing the location of the car and its direction of travel in real time.

**Flashing LED display by the lift entrance.** Alerts passengers to the imminent arrival of the lift.

**Situation reports.** The display transmits relevant information to passengers: such as when there are too many people in the lift car, when the lift door is blocked and when people are entering or leaving the car, among others.

**Lift arrival countdown.** The display shows a progress bar and countdown in seconds, accurately updated in real time, so that passengers know exactly when their lift will arrive.

**Energy consumption.** Indicates if the lift is consuming energy or generating it during travel, thereby reducing the building's operating costs.

**Voice messages.** The screen device shares travel information with passengers via a voice synthesiser built into the door frame. Its volume is automatically adjusted according to the particular time of day.

All the visual and acoustic messaging has been designed in full accordance with EN 81-70:2018 (Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts. Part 70: Accessibility to lifts for persons including persons with disability)



LANDING & CABIN DOORS

# DIFFERENT DOOR OPTIONS FOR ANY SPACE

Whether you are limited on space or require a certain aesthetic we provide a range of door options that offer different opening and usage. They can be configured with different finishes and RAL painted to match any environment.

Our telescopic doors are available with a smoke and fire rating of up-to 120 minutes under European standard.



FIRE RATED



SMOKE RATED

## TELESCOPIC (LANDING & CABIN)

AVAILABLE IN 2,3 AND 4 PANEL OPTIONS



TELESCOPIC WITH  
SOLID PANELS



TELESCOPIC WITH  
FRAMED GLASS



TELESCOPIC WITH  
PARTIAL FRAMED GLASS



TELESCOPIC WITH  
PINNED GLASS

### Operational and service 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.

- ✔ **Homing Mode**  
The lift car returns to the specified homing floor. You can set any floor as the return floor.

- ✔ **Maximum no. of calls**  
Limited number of car calls registered. Anti-vandal mode.

- ✔ **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 movement is completed, it can return to normal operation by means of reset or not.

- ✔ **Stand-by mode**  
Disconnects the lighting inside the car as well as the car and landing displays, thus reducing the electrical consumption of the lift.

- ✔ **Car fan**  
There is a timer to activate/deactivate the fan.

- ✔ **Service control keyswitch**  
Only calls made from the car operating panel are registered.

### Multiple movement functions

- ✔ **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.

✔ **Standard Function** ✔ **Optional Function**

### Door operation functions

- ✔ **Fast closing of doors**  
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.

- ✔ **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.

### Signalisation and indicator functions

- ✔ **Departure Gong, ascending and descending tones - EN81-70 -**  
Activates a sound with an ascending scale for ascent and a descending scale for descent.

- ✔ **Overload function**  
The display gives a visual and audible indication to the users of overloading inside the car.

- ✔ **Voice synthesizer**  
This is a voice synthesizer that emits informative messages concerning the operation of the lift.

### Emergency operation functions

- ✔ **Manual rescue**  
Manual rescue can be of two types, one by opening the brake and car movement subject to the balance of the car or by means of a high power UPS and directional push buttons that raise or lower the lift.

- ✔ **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.

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

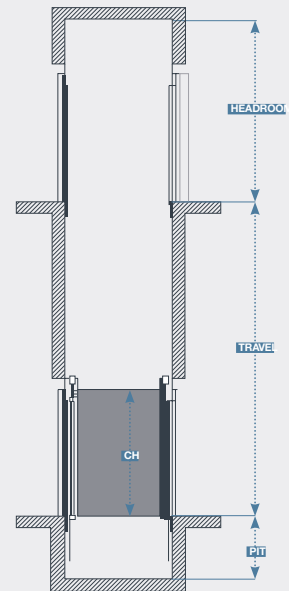
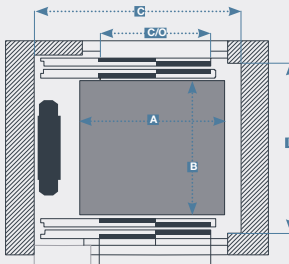
RATED LOAD 630kg / 8 people				ROPING - 2:1		MAXIMUM SPEED 1.2 m/s			
Entrances Angle	Car		Shaft		Min. Headroom CH 2175mm	Pit			Door type (C/O)
	Width (A)	Depth (B)	Width (C)	Depth (D)					
1/0°	1050	1450	1550	1700					
2/180°	1050	1450	1550	1820					
1/0°	1100	1400	1600	1650					Side opening 2P 800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

### Operational ranges

Maximum travel	Up to 60 m (Maximum 15 floors)
Pit	Minimum: 1050 mm · Maximum: 1550 mm
Headroom	Minimum: 3400mm (CH 2175mm) and 3500mm (CH 2275mm)
Minimum width	Car width + 500 mm
Maximum width	Car width + 1100mm
Shaft	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.	
Minimum depth	1200 mm
Maximum depth	1450 mm
Minimum width	950 mm
Maximum width	1150 mm
Standard height	2175mm with 2000mm high doors (option for 2275mm with 2100mm high doors)

EN81-70: T1 car dimensions  
EN81-70: T2 car dimensions  
EN81-70: T2 car dimensions with a 800mm C/O only for existing buildings.





# PREMIER



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