



Residlift

The home solution



Designed & manufactured in Spain

Over recent times, Spain has deservedly become one of the most efficient lift manufacturing countries in Europe and in the whole world. Nowadays, lifts manufactured in Spain are internationally recognised and valued for their high quality and technological level. The Spanish and European markets still feature a few independent manufacturers like IMEM Lifts whose design and manufacturing successfully combine a craftsmanlike attention to detail with the up-to-the-minute use of the latest technology -as well as providing an excellent customer/technical support service.

IMEM Lifts - European leader in special lifts

Since its foundation as a small family firm in 1968, IMEM Lifts has become one of the best-known and well-respected brands in the Spanish lift industry and an acknowledged leader in the European and world markets. IMEM undertakes top-rank projects anywhere in the world, offering our clients the best available vertical transport solutions.

We have two production plants, one manufacturing

mechanical components and the other electrical components. Our more than forty years of hands-on manufacturing experience have allowed us to steadily fine-tune our production techniques, improving every single process involved and optimising the fitness of each and every component to the final product.

More than just a manufacturer, IMEM has become a significant advanced technology centre, committed to permanent innovation.

IMEM is currently the Spanish lift company with the highest number of quality certification awards: ISO 9001 for our commitment to quality management, ISO 14001 for our commitment to environmental sustainability, OHSAS 18001 for our commitment to occupational health and safety and the EFQM 400+ seal of recognition for Commitment to Excellence.

With international customers in fifty-seven countries and spread across five continents, including many well-reputed construction, lift and engineering companies, IMEM is Europe's leading designer and manufacturer of special lifts: we specialise in all types of non-standard and made-to-measure lifts. We set ourselves new challenges every single day and we actively enjoy stretching our limits to give our customers what they want: heavy goods lifts, high-speed lifts, inclined lifts and lifts specially suited to difficult shaft spaces currently make up the majority of our products.



Cutting-edge European technology for the home

Whether you are a builder, a developer or an architect looking for the most efficient lift solution for family homes, or a homeowner who simply wants a lift which takes up little space, is easy to install and increases your property's value, we are delighted to be able to offer you simply the best solution on the market.

residLIFT® is 100% Spanish-designed and manufactured, a stylish residential lift suitable for all kinds of different environments.

residLIFT® is a hydraulic lift specially designed for passenger transport in family homes, which usually have very limited space available for lift installation. Its competitive sizing and significant advantages over the competition make ResidLift the stand-out solution for family homes.

residLIFT® offers freedom of movement within the home to those for whom stairs represent an insurmountable obstacle, and actively improves their quality of life.

In most existing buildings where lack of space limits or rules out normal pit depth or headroom, the straightforward solution is **residLIFT®**.

- **residLIFT®** is an easily-assembled product which requires no major building work, thanks to its freestanding structure. It needs only the
- space to stand up in. It can also be installed
- within a masonry-built lift shaft, if required

No major building work. No pit

Installing a **residLIFT®** involves neither complicated building work nor the excavation of a pit within your home, thanks to the freestanding structure which forms the lift shaft and which only requires the space which it itself takes up. All this not only gets rid of the major nuisance involved in having building work carried out inside your own home, but also represents major financial savings compared to the installation of a conventional lift.

ResidLift's design reduces the space occupied by the lift shaft to a minimum. This space-saving frees up surface area for other uses, also helping to increase the value of the building.





Available to built in a masonry built shaft, or to be supplied with an structure

The **residLIFT**® can be supplied with its self-supporting shaft structure or it can be installed within a masonry-built shaft.

Where indoor installation is impossible, **residLIFT**® can be installed outdoors.

Safety and reliability

The safety features supplied as standard with the **residLIFT**® are carefully designed to make it safe and reliable. Passenger safety is ensured by a 2D optically-activated lift car stop mechanism which brings the lift car to a smooth stop on detection of the slightest movement within that area.

We also offer lift users optional extras to increase security according to their particular needs. Keyed switches can be fitted in order to prevent use by unauthorised personnel. A safety device is available, in case of power cuts, which automatically returns the car to the ground floor to allow the safe exit of lift passengers.

Compliant with 2006/42/EC & EN 81-41

residLIFT® is certificated as compliant with the 2006/42/EC Machinery Directive and complies with EN 81-41 as applicable in the European market.

Great design in your own home

residLIFT® is designed to fit in with any surroundings - and to improve them. The choice of available finishes is wide-ranging and top-quality, from dazzling floor and ceiling designs to stainless steel, mirrored and glazed wall panelling among the many combinations on offer.

We offer four different lift car models, finished in versatile and functional skinplate, hardwearing laminates in attractive colours, stainless steel or glazed.

The lift car lighting - fluorescent light panels or LED or halogen spots - goes together perfectly with the car interior design, adding a touch of sophistication to any home. The shaft structure can be supplied clad with painted metal sheeting, and partly or completely glazed.

Flexibility

The **residLIFT®** comes with all the equipment necessary to ensure efficient, safe and reliable operation supplied as standard, as well as offering many optional extras to suit every customer's particular needs. The widest choice of finishes on the market satisfies the most demanding specifications.

In addition to the standard lift shaft and car options set out in this catalogue, the ResidLift can be adapted to suit existing shafts and non-standard dimensions. Get in touch with us and we will come up with the one-off solution to your particular needs.

Energy-efficient

The **residLIFT®** has been designed with optimum energy-saving features. Its low power consumption - further enhanced by its auto-off lift car lighting feature - guarantees extremely low running costs. **residLIFT®** consumes less energy than any other hydraulic drive system on the market at its rated load and speed levels.



Freestanding shaft structure

The **residLIFT**® can be supplied with its own freestanding shaft structure or the shaft can be masonry-built on site. The shaft structure can be clad with metal sheeting or laminated glass panels.

Modular freestanding structure finished in metal sheeting

The modular freestanding structure is constructed of 1500mm vertical lengths of steel section, with horizontal lengths fitted at 1500mm intervals, which are bolted together and fixed to the building structure with bolted brackets, and is clad with folded metal sheeting, thereby forming a closed and hollow shaft within which the **residLIFT**® with its particular agreed characteristics is then mounted.

This structure is certificated for its compression resistance capacity to both the dead weight and the variable loads exerted by the lift car and the structure itself. The resistance capacity of the cladding panels is certificated according to Section 5.3.1 of the UNE-EN 81-1 and UNE-EN 81-2 Standards. The structure arrives on site pre-painted in black polyester and suitable for both interior and exterior use. RAL colours are also available on request (RAL colour 9005 supplied as

standard). The outside of the shaft roof is finished in panelling of the same type and colour as the rest of the structure, with a single pitch for water run-off and a special slot for shaft ventilation.

Modular freestanding structure finished in STADIP laminated glass

The modular freestanding structure is constructed of 1500mm vertical lengths of metal section, with horizontal lengths fitted at 1500mm intervals, which are bolted together and fixed to the building structure with bolted brackets, and is clad with 5+0,76+5 mm laminated glass thereby forming a closed and hollow shaft within which the ResidLift with its particular agreed characteristics is then mounted.

This structure is certificated for its compression resistance capacity to both the dead weight and the variable loads exerted by the lift car and the structure itself. The resistance capacity of the cladding panels is certificated according to Section 5.3.1 of the UNE-EN 81-1 and UNE-EN 81-2 (European Standards). The structure arrives on site pre-painted in black polyester and suitable for both interior and exterior use. RAL colours are also available on request. The outside of the shaft roof is finished in panelling of the same type and colour as the rest of the structure, with a single pitch for water run-off and a special slot for shaft ventilation.





Standard technical features

Rated speed	0.15m/s
<i>Rated speed</i>	0.15m/s
<i>Rated loads</i>	250, 315 or 385kg
<i>Entrances</i>	Single, double at 90° or 180° and triple entrance
<i>Hydraulic power unit</i>	HL 6000, central
<i>Pistons</i>	HL 6000 pistons, 45, 55, 65 & 75mm
<i>Maximum travel</i>	12m
<i>Power</i>	1.5kW or 2.2kW
<i>Headroom</i>	Car internal height + 350mm
<i>Minimum pit depth</i>	100mm
<i>Car internal height</i>	2100mm (vertical clearance: 2000mm)
<i>Car widths</i>	From 600 to 1100mm (see tables)
<i>Car depths</i>	From 750 to 1400mm (see tables)
<i>Min. necessary shaft width</i>	Car width + 255mm
<i>Min. necessary shaft depth</i>	Car depth + 110mm
<i>Horizontal entrance clearance</i>	600, 700, 800 or 900mm
<i>Vertical entrance clearance</i>	2000mm
<i>Hydraulic hose</i>	Maximum length 5m



* Information valid for RL200, RL300 and RL Stainless steel cars.
For scenic cars please contact our Sales Dept.

The **residLIFT**® can be installed in a built shaft or a metal structure

Standard equipment

- Hinged doors with small glass panels Epoxy RAL 7032 finish EN81-58 fire-resistant for 120 minutes
- No lift car door
- 2D emergency lift car stop mechanism
- Lift car: skinplate finish (RL200 series)
- Microprocessor-based control system
- Landings: call push-buttons mounted on the door frame
- Lift car: stainless steel button panel set in centre of wall closest to mechanism
- Acoustic alarm button
- Gondola-type telephone
- No handrail
- Emergency lighting
- Guide rails: 5m
- No mirror
- Information notices
- Pressurestat
- Manually-operated emergency pump for raising car to landing
- Hold-to-run Lift Control System

Available extras

LIFT AND HYDRAULIC MOTOR CONTROL CABINET

- E-400 lift and hydraulic motor control cabinet size (700w x 400d x 1500mm h) for nN=0.15m/s

FLOOR

- 20mm granite car floor finish, pit depth to 140mm.

LANDING DOORS

- Hinged doors with small glass panels 100 mm. frame option (EN81-58 fire-resistant)
- Landing door, Automatic *hinged doors with large glass panels and hinged doors with a fully glazed panel models*, with special finishes
- Horizontal entry clearance: 650, 750 or 850mm
- Vertical entry clearance: 1850, 1900 or 1950mm
- Option motorized.

CAR DOOR

- Automatic bus-type lift car doors with or without glass panel, flat or folding (+ 65mm. shaft depth per entrance)

CONTROL ELECTRONICS

- Radar sensor technology with automatic landing door
- Push-button door opening, no in-car Stop button when there is car door
- Restricted-use key
- Portable inspection kit
- External push-button panels
- Visual and acoustic overload signal
- Voice announcer
- Car Light timer
- Automatic emergency rescue device.

CAR

- Full-height mirror, one-third of car wall width
- Lighting options: halogen, LED or Model 401
- Panoramic lift car. RAL9006 silvered paint finish option for floor, ceiling and safety catches

- Stainless steel round handrail in one side of the car
- Internal lift car height: 2000 o 2200.

SHAFT LIGHTING

- In pit & top of shaft.

GUIDES

- Guide rail 2,5m
- Guide rail oil spill collector.

STRUCTURE

- Steel shaft structure
- Structure painted in a different colour (RAL).

DIGITAL INDICATORS

- LCD display within lift car
- LCD display on outside door.

ECO

- *Biodegradable non-contaminant lubricant (for the central hydraulic motor).

OTHERS

- Main electrical supply box.
- Ramp of 100mm (without pit)
- Ramp of 120mm (without pit and granite floor in the car)
- Installation tools: Jigg and lifting hook or safety gear releasing pedal.

EXTRA EQUIPMENT TO COMPLY WITH EN81-41

- Handrails on side wall of car
- Pressurestat
- Weight control system with acoustic and visual in-car alarm
- Ramp (gradient in accordance with prEN81-41)
- Telephone in lift car, gondola type or sited within button control panel
- Manually-operated emergency pump for raising car to landing
- Hold-to-run lift control system
- Information notices as specified in prEN81-41.

Standard technical features

LIFT CARS

ResidLift offers the choice of four different lift car models to fit in perfectly with every type of interior design. All our cars are carefully designed and manufactured and stand out for their exceptional quality and durability.



DOORS

See all available door options in page 13.



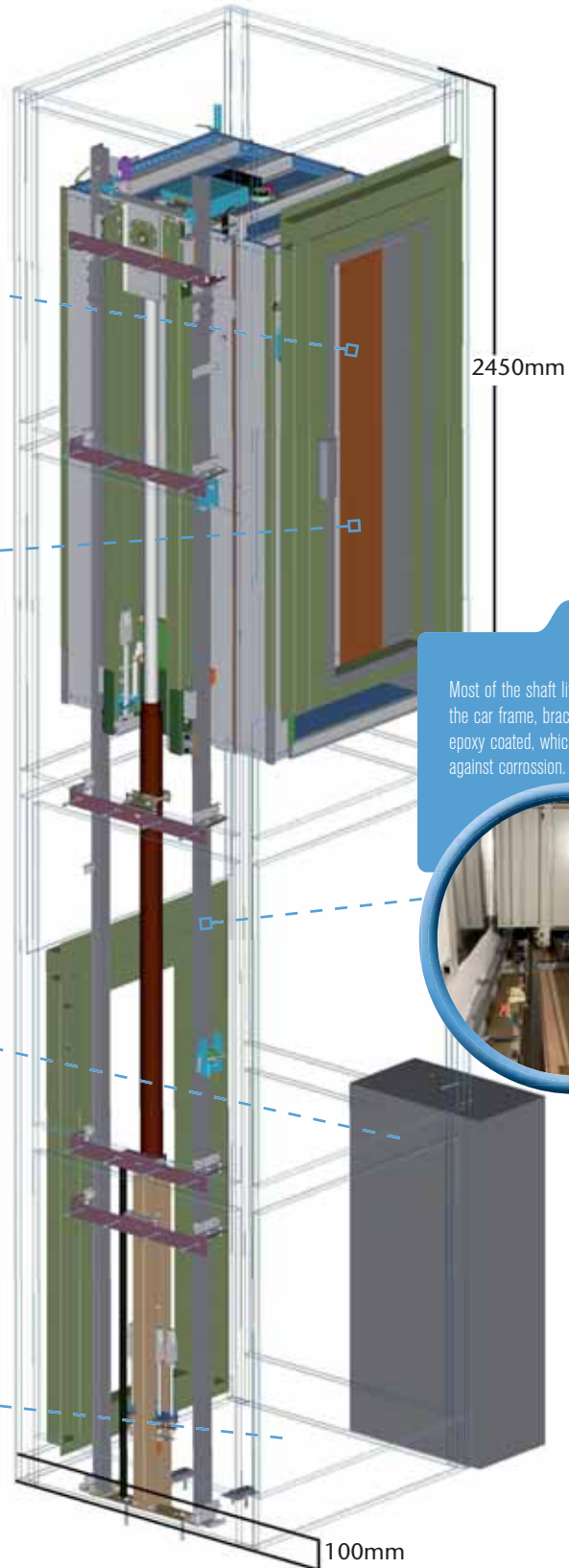
CONTROL SYSTEM

Our Altamira lift control system - developed and designed from start to finish by our own R&D+i department - governs Silens-Pro's operation with surgical precision, exploiting to the full its top-class specifications. The Altamira control system requires minimal wiring, thanks to its smart peripheral components using CAN bus networking and offers APB, down collective and full collective options.



PIT

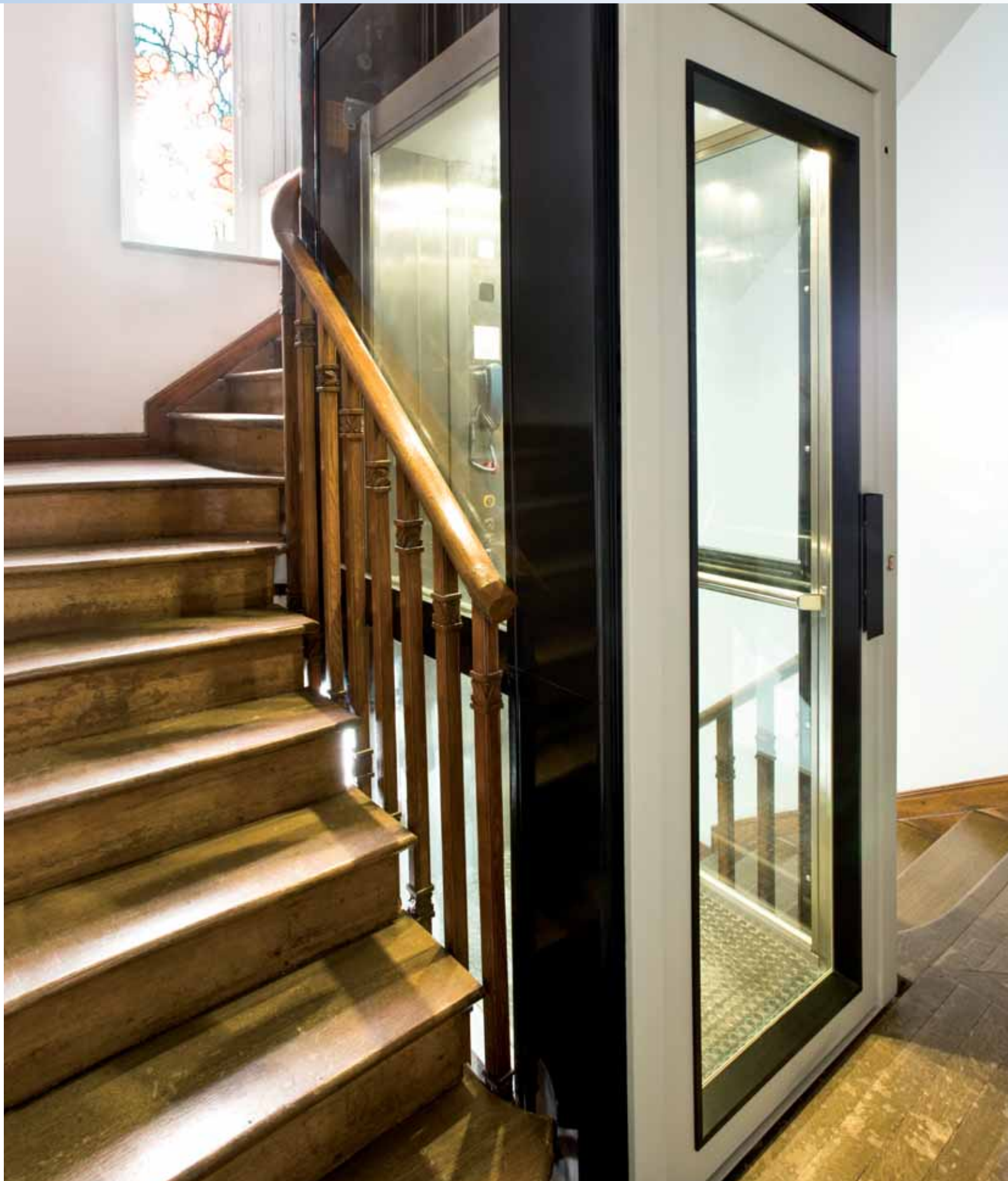
With ResidLift you can thankfully forget about the major inconvenience of digging out a lift shaft pit. The freestanding structure incorporates its own 120mm pit and includes a simple ramp. Where the shaft is masonry-built, pit depth is only 120mm.



DURABLE FINISHES

Most of the shaft lift components such as the car frame, brackets etc. are supplied epoxy coated, which protects the parts against corrosion.





Lift car finishes

Design options

RL 200 CAR

Laminated PVC wall panels available in a wide range of colours and textures, matched with corner profiles in stainless steel.

- Hardwearing floor finishes in rubber or vinyl
- Mounted light panel. Direct fluorescent lighting or halogen or LED spots, fitted above a black perforated steel suspended ceiling with methacrylate diffusers are also available.



RL 300 CAR

Car wall panels fixed to the metal structure and finished in hardwearing designer laminate, available in a choice of colours.

- Hardwearing floor finishes in rubber or vinyl
- Mounted light panel. Direct fluorescent lighting or halogen or LED spots, fitted above a black perforated steel suspended ceiling with methacrylate diffusers are also available.



RL STAINLESS STEEL CAR

Car wall panels of natural stainless steel.

- Hardwearing floor finishes in rubber or vinyl
- Mounted light panel. Direct fluorescent lighting or halogen or LED spots, fitted above a black perforated steel suspended ceiling with methacrylate diffusers are also available.



RL SCENIC

Car wall panels in laminated safety glass. One panel in stainless steel, laminated PVC or laminate.

- Wall panels in 10 mm security laminated glass (5+0,76+5) and one panel in stainless steel, laminated PVC or laminate
- Direct fluorescent lighting or halogen or LED spots, fitted above a black perforated steel suspended ceiling with methacrylate diffuser are also available.



2D optically-activated emergency lift car stop mechanism



Stainless steel handrails

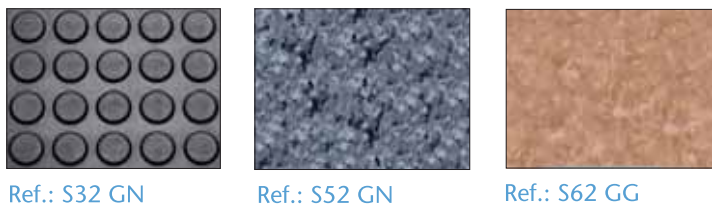


Push-buttons

Wall panels



Floors



Door paint finishes



Available door options

Landing doors are available hinged as well as motorized. The motorized option offers a semi-automatic landing door incorporating a motor which uses an operating arm to open and close the door when the car arrives at landing level.

With the motorized landing door system, we offer as an optional extra a radar device which automatically detects the presence of someone waiting at the landing and opens the door for them without the lift call button being pressed.

We also offer the option of fitting bus-type lift car doors, programmed to remain open when the car is at rest.

Other door options are also available. Please contact us for further information.



Hinged doors with small glass panels



Automatic bus-type lift car doors



Hinged doors with large glass panels



Hinged doors, fully glazed panel

Display



LCD

Car position and direction indicator that also shows a message when the lift is in error mode.

Lift car detailing



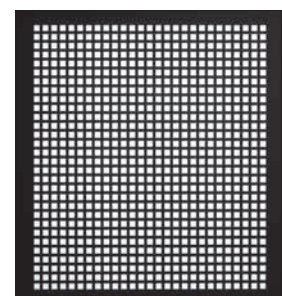
Ceiling with halogen spots



Ceiling with LED spots



Light panel (standard)



Model 401 suspended ceiling panel, perforated sheet metal, fluorescent-lit from above



250kg MODEL: MEASUREMENTS

250Kg · 1 ENTRANCE (MECHANISM SIDE-MOUNTED) & 2 ENTRANCES AT 180°					
Lift car		Shaft interior		Max entry clearance	Frame width
A	B	C	D	E	F
800*	1250*	1055	1360	700	950
900*	1100	1155	1210	800	1050
1000	1000	1255	1110	900	1150
1100	900	1355	1010	900	1150
685**	750**	940	860	600	850

* For Type A wheelchairs (prEN81-41)

** Smaller lift car available

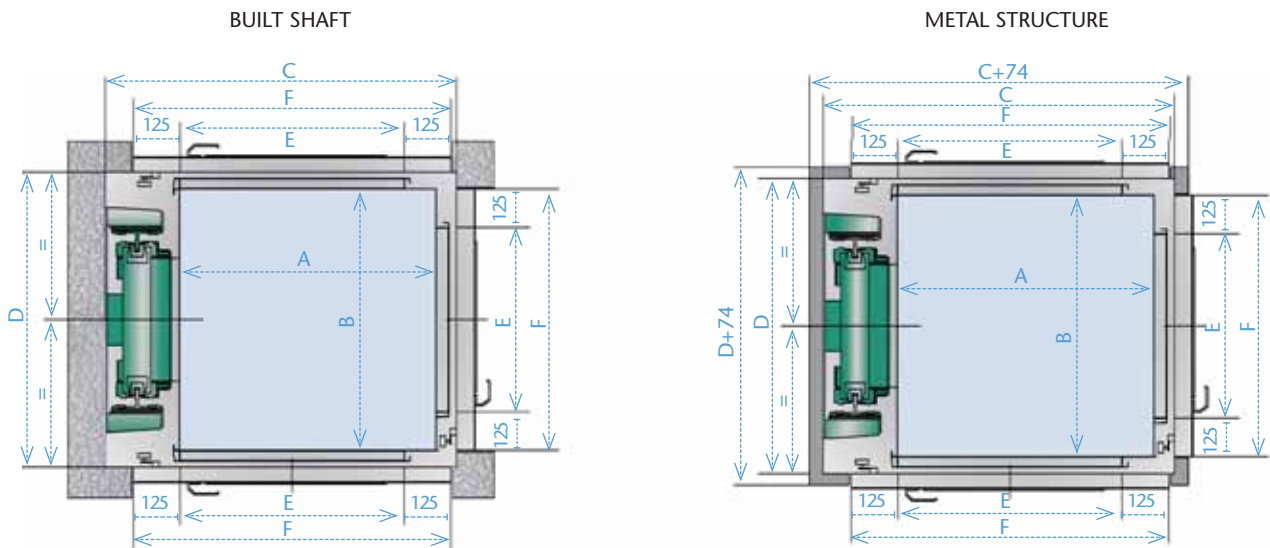
250Kg · 1 ENTRANCE (MECHANISM IN SHAFT PIT)					
Lift car		Shaft interior		Max entry clearance	Frame width
A	B	C	D	E	F
800	1250	1055	1360	900	1150
900	1100	1155	1210	900	1150
1000	1000	1255	1110	800	1050
1100	900	1355	1010	700	950
600**	770**	855	880	600	850

** Smaller lift car available

250Kg · DOUBLE ENTRANCE AT 90° & TRIPLE ENTRANCE					
Lift car		Shaft interior		Max entry clearance	Frame width
A	B	C	D	E	F
800*	1250*	1055	1360	700/900	950/1150
900*	1100	1155	1210	800/800	1050/1050
1000	1000	1255	1110	900/700	1150/950
1100	900	1355	1010	900/600	1150/850
685**	850**	940	960	600/600	850/850

* For Type A wheelchairs (prEN81-41)

** Smaller lift car available



ALL DIMENSIONS EXPRESSED IN MILLIMETRES

315kg MODEL: MEASUREMENTS

315Kg · 1 ENTRANCE (MACHINERY SIDE-MOUNTED) & 2 ENTRANCES AT 180°

Lift car		Shaft interior		Max entry clearance	Frame width
A	B	C	D	E	F
900*	1400*	1155	1510	800	1050
800	1400	1055	1510	700	950
1000	1250	1255	1360	900	1150
1100	1125	1355	1235	900	1150
800**	750**	1055	860	700	950

* For Type A & Type B wheelchairs, and a companion (prEN81-41)

** Smaller lift car available

315Kg · 1 ENTRANCE (MACHINERY IN SHAFT PIT)

Lift car		Shaft interior		Max entry clearance	Frame width
A	B	C	D	E	F
1100	1000	1355	1110	800	1050
900	1300	1155	1410	900	1150
1000	1250	1255	1360	900	1150
1100	1125	1355	1235	900	1150
700**	870**	955	980	700	950

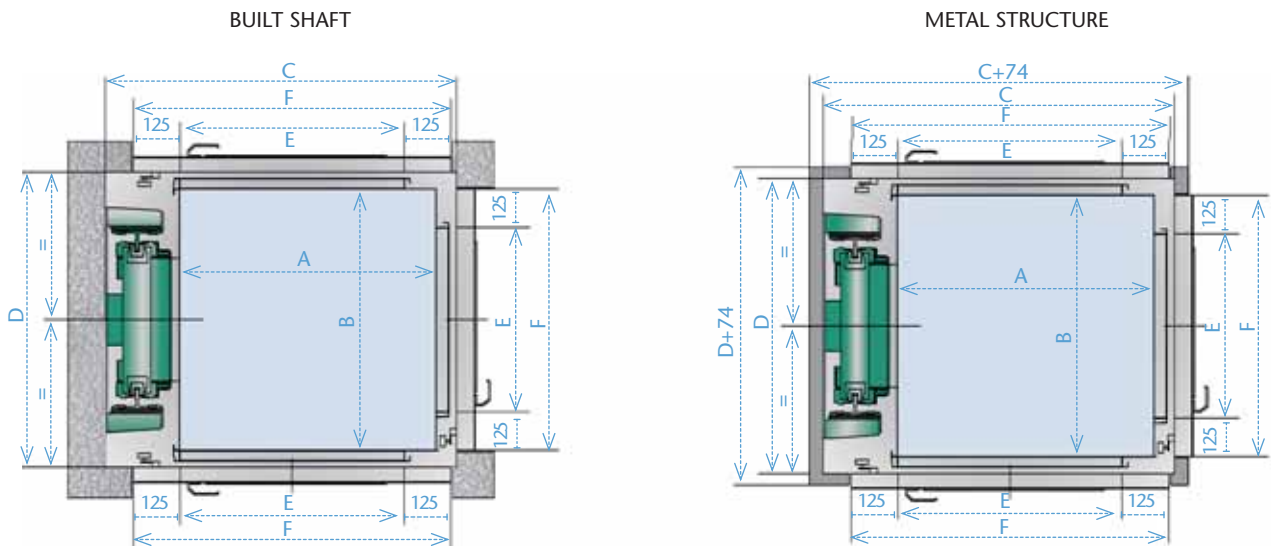
** Smaller lift car available

315Kg · DOUBLE ENTRANCE AT 90° & TRIPLE ENTRANCE

Lift car		Shaft interior		Max entry clearance	Frame width
A	B	C	D	E	F
900*	1400*	1155	1510	800/900	1050/1150
800*	1400	1055	1510	700/900	950/1150
1000	1250	1255	1360	900/900	1150/1150
1100	1125	1355	1235	900/800	1150/1050
800**	950**	1055	1060	700/700	950/950

* For Type A & Type B wheelchairs, with companion (prEN81-41)

** Smaller lift car available



ALL DIMENSIONS EXPRESSED IN MILLIMETRES

385kg MODEL: MEASUREMENTS

385Kg · 1 ENTRANCE (MACHINERY SIDE-MOUNTED) & 2 ENTRANCES AT 180°

Lift car		Shaft interior		Max entry clearance	Frame width
A	B	C	D	E	F
1100*	1400*	1355	1510	900	1150
1100*	1200	1355	1310	900	1150
1000	1300	1255	1410	900	1150
900	1400	1155	1510	800	1050
900**	1100**	1155	1210	800	1050

* For Type A & Type B wheelchairs, with companion (prEN81-41)

** Smaller lift car available

385Kg · 1 ENTRANCE (MACHINERY IN SHAFT PIT)

Lift car		Shaft interior		Max entry clearance	Frame width
A	B	C	D	E	F
1100	1400	1355	1510	900	1150
1100	1200	1355	1310	900	1150
1000	1300	1255	1410	900	1150
900	1400	1155	1510	900	1150
900**	970**	1155	1080	800	1050

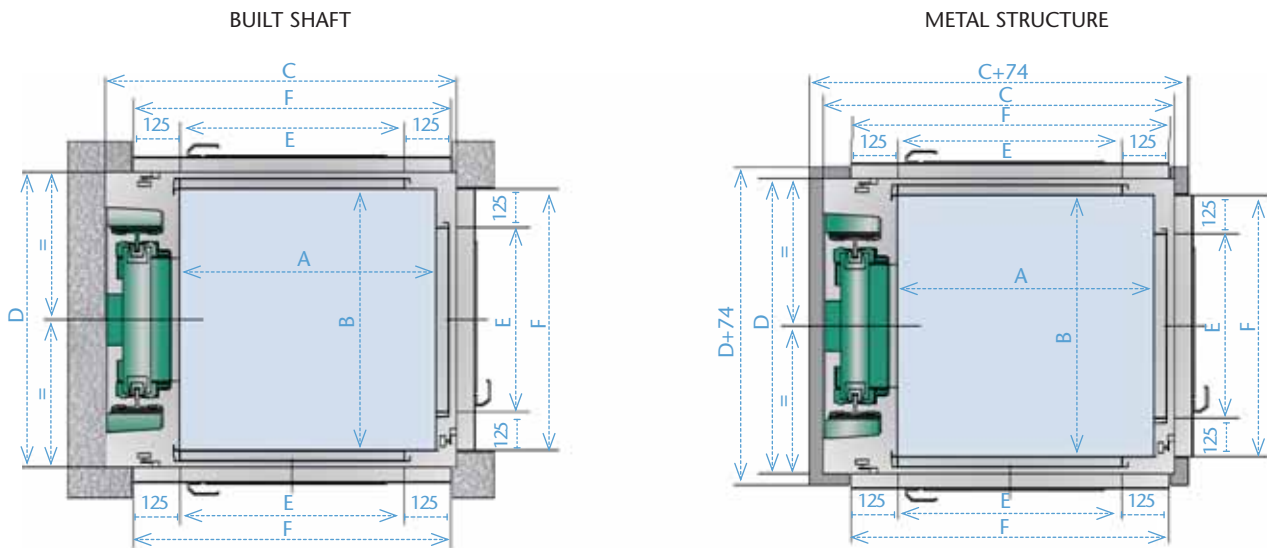
** Smaller lift car available

385Kg · DOUBLE ENTRANCE AT 90° & TRIPLE ENTRANCE

Lift car		Shaft interior		Max entry clearance	Frame width
A	B	C	D	E	F
1100*	1400*	1355	1510	900/900	1150/1150
1100*	1200	1355	1310	900/900	1150/1150
1000	1300	1255	1410	900/900	1150/1150
1100	1125	1355	1235	900/800	1150/1050
900**	1100**	1155	1210	800/800	1050/1050

* For Type A & Type B wheelchairs, with companion (prEN81-41)

** Smaller lift car available



ALL DIMENSIONS EXPRESSED IN MILLIMETRES

Our commitment as an industry leader



Top-quality products,
continuous innovation and
first-class customer service
are the cornerstones of
IMEM Lifts' corporate culture.
Since our foundation in 1968,
IMEM has developed into a
recognised specialist in the design and
manufacture of all types of lift

At IMEM LIFTS we are absolutely committed to protecting and improving the environment, and this is faithfully reflected in our socially-conscious and eco-friendly day-to-day practice. These principles form a central part of our corporate vision and values and are expressed in every aspect of our company performance.

- The ResidLift operates at minimum energy consumption and maximum efficiency levels.
- The ResidLift uses as an option no environmentally harmful lubricating oils - the hydraulic drive system is lubricated by an ecologically-sound biodegradable fluid of the HEES category as specified in the ISO 6743-4 international standard.
- We are fully compliant with the environmental management standard ISO 14001 and certified as such. We have received the 400+ EFQM Excellence Model seal of recognition, which includes a specific criterion dealing with our impact on society and envisages genuine and ongoing improvements in environmental protection and respect for society at large, of which we form an integral part.





IMEM Lifts reserves the right to change the specifications, available options and colours contained in this catalogue. The images herein displayed are merely descriptive. The colours and materials in the delivered product may not correspond precisely to those shown in this catalogue.



EFQM
EFQM 400+ Excellence



ISO 9001
Quality Management



OHSAS 18001
Occupational Health & safety Management



ISO 14001
Environmental Management

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