

PASSENGER LIFT



SIYAKHULA
ELEVATORS





PASSENGER LIFT

Our Passenger 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 : 0,4, 1,0 - 1.6 M/S (Faster speed on option)

The Passenger lift offers smooth consistent speed between floors and is in conformity with European standards.



PIT & HEADROOM REQUIREMENTS

Pit requirements are a minimum of 1100mm. Minimum headroom from the top floor FFL is 3450mm
Low pit and headroom solution of 400mm pit and 2800mm headroom available on request (0.4m/s max speed)



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 1000KG (Larger capacity on option)

Advanced traction drive system allows for a high maximum capacity with up to 13 people using the lift at a given time.



TRAVEL: Discuss with Sales technician (HRS Available)

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 EN Standards.

* These are the minimum or maximum values, each capacity will restrict or increase certain specifications. Please speak to your sales technician for clarity on any requirement.





LARGE CAR AND LANDING INDICATORS

New design car and landing indicators that keep passengers informed of lift position and possibility to upgrade to informative screen



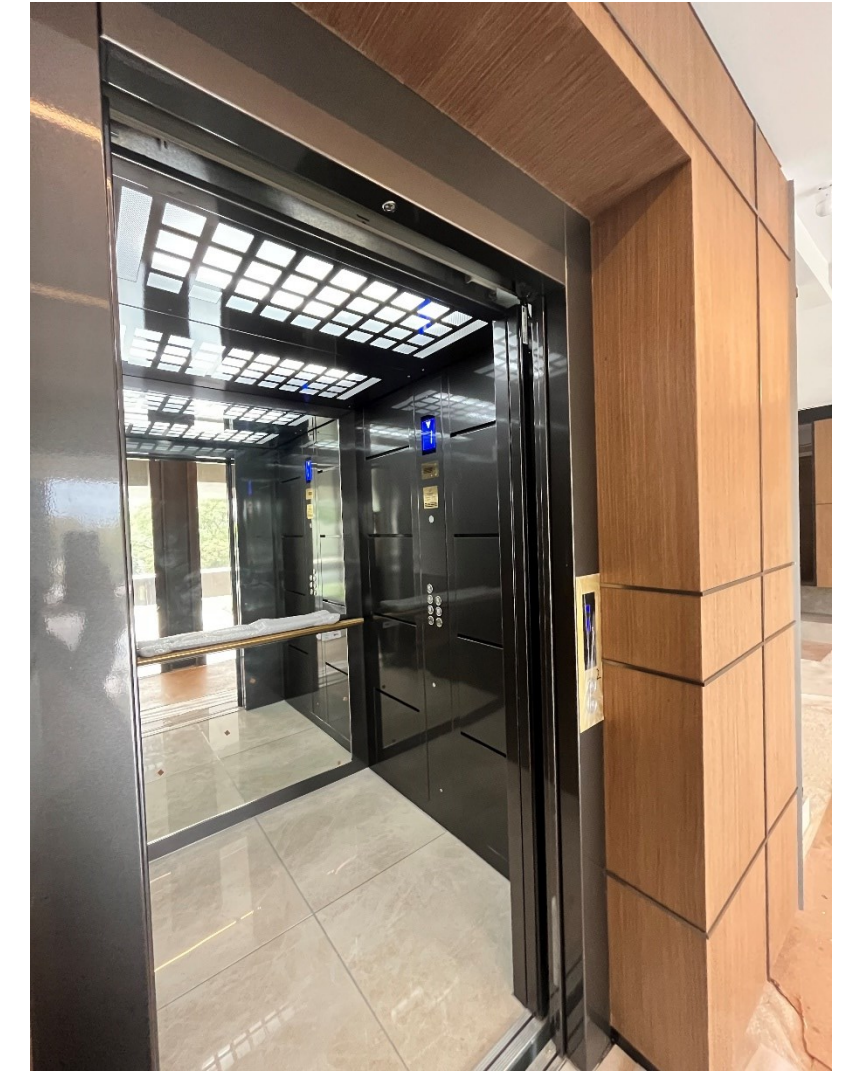
DESTINATION FLOOR VIEW WITH MULTIPLE DESIGNS TO CHOOSE FROM

Indicates the floor to which the lift is travelling to and allows passengers informative insight to the lifts position.



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



ABILITY TO HAVE A CUSTOM CABIN DESIGN

Speak to our in house design team and we will sit down with you and your interior designer to bring the cabin of your dreams to lift



PRECISION AND COMFORT



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

Our State-of-the-art Traction 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 Traction System is a sleek engineering marvel, allowing for compact and neat installation as well as reduced installation time. This system also minimizes the high frequency service intervals saving you the client on maintenance costs.

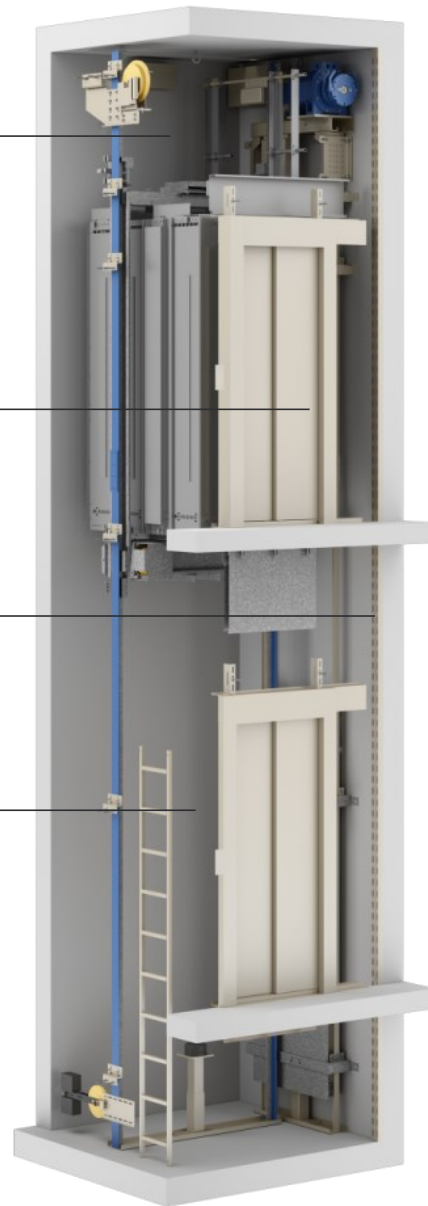
STATE OF THE ART DRIVE SYSTEM

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 as well as custom finishes on request.



In full compliance with:
· EN 81-1 or 20 Standards
· Optional: EN81-72 ·
· EN81-71

State-of-the-art **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 top-quality controller in the door frame and not bulky on the landing.

BACK UP AUTOMATIC RESCUE DEVICE FOR EMERGENCY GROUNDING.

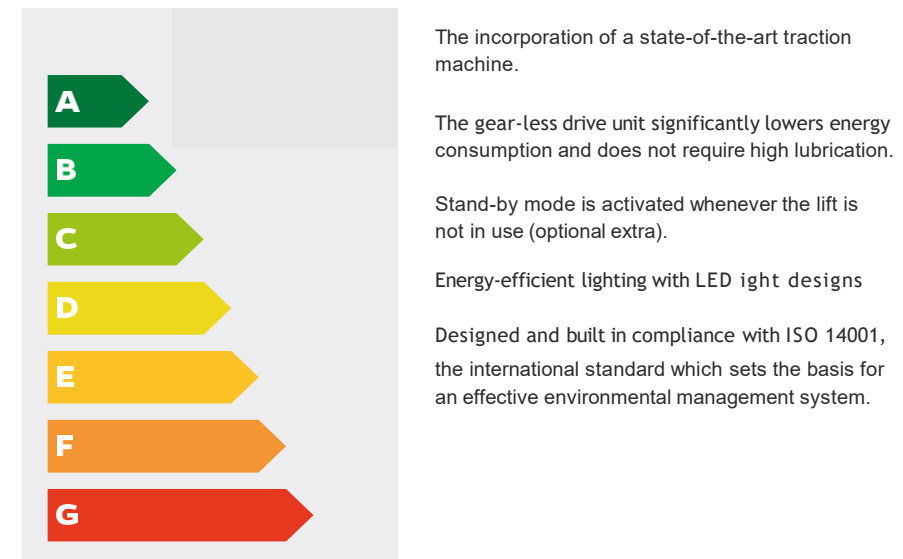
Our Passenger lift incorporates innovative technologies which can detect loss of main power to the lift. This will automatically detect loss of power and within seconds the lift will read its position and move to the main floor and open the doors for safe evacuation of all passengers in the lift.





REVOLUTIONARY ENERGY-EFFICIENCY

Our Passenger lifts have the maximum possible energy-efficiency ratings, this therefore allowing our clients minimal electricity usage. We also offer an additional system which allows the lift to go into “Sleep Mode” after a set time when not in use.





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
 - Lifting hook details
- Doors dimensions and fixing points
 - Cabin and door finishes





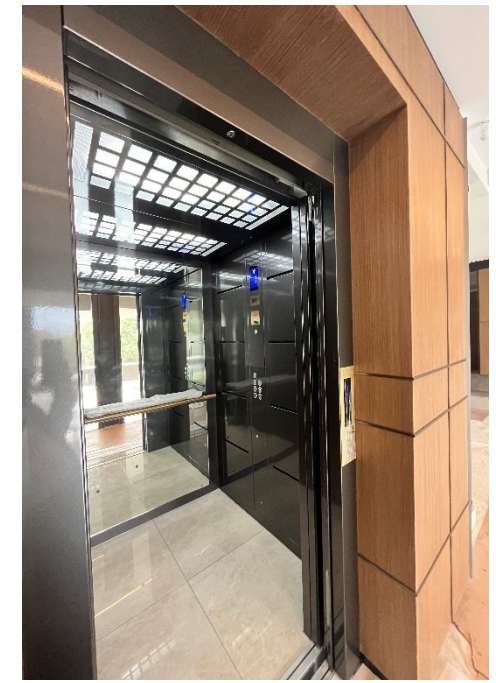
SIMPLE INSTALLATION

Installation is simple as building work is minimal, just an 1100mm minimum pit is required, and headroom requirements are very low at 3450mm minimum. 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.

INSTALLATIONS ACROSS SOUTH AFRICA

Siyakhula Elevators will provide you with a customer related project approach to ensure a swift and tidy installation, we strive to ensure that all your requirements and ideas are reflected in the finished product.

EN 81.20/71/72



SERVICING & WARRANTY

Siyakhula Elevators offer a 12 month warranty (including parts) with service visits monthly, quarterly or bi-annually as standard. For extended warranty options and more information please contact our sales team.



BOOK A NO OBLIGATION CONSULTATION

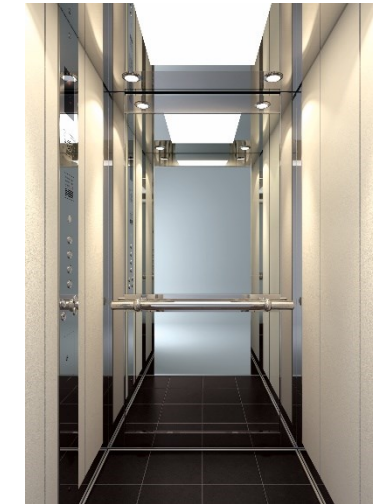
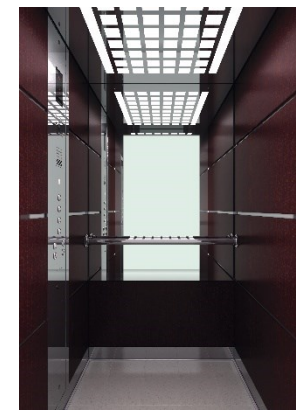
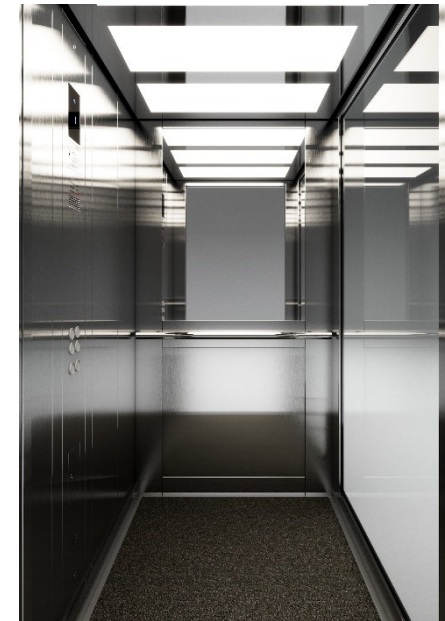
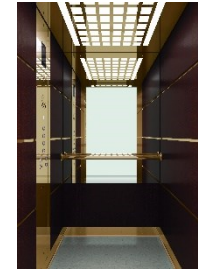
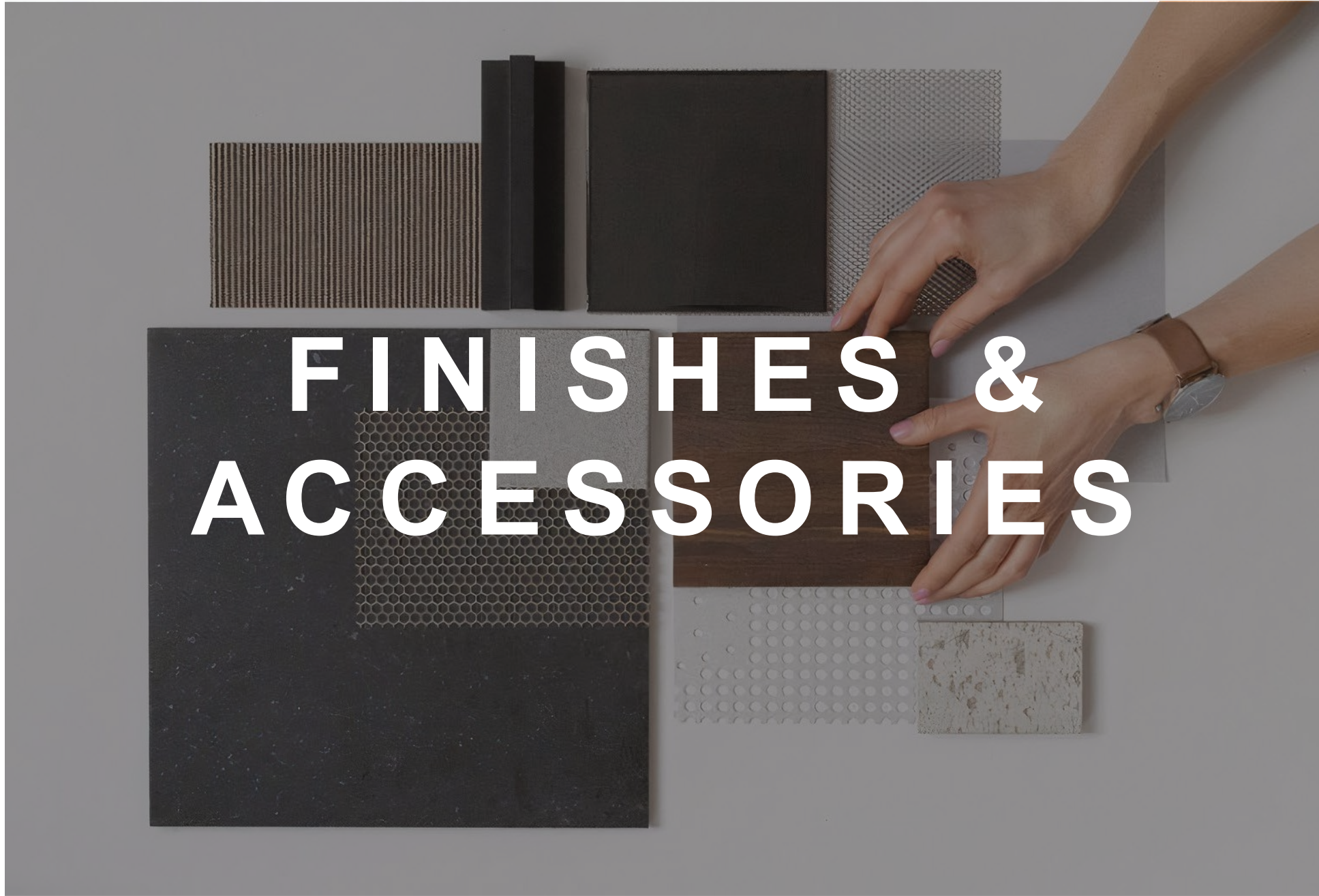
Start a conversation with Siyakhula Elevators today, we will assess your requirements, talk you through our available options and ensure we meet your lift solution needs.

+27 11 894 8352 – South Africa

+27 82 667 4964 – Mobile sales

sales@siyakhulaelevators.co.za

www.siyakhulaelevators.co.za





BASIC AND PREMIUM SERIES

Our Passenger lift cars are built with stainless steel sheeting and clad with plastic laminates, woods and leather. Available in a wide range of colours or with stainless steel in a choice of different patterns and colours. Panoramic cabin design are available on design request

IN-CAR LIGHTING

Direct, using LED spotlights from either range.

LIFT-CAR DOORS AND FRONT RETURNS:

Finished in stainless steel or special material on request

CAR OPERATING PANEL:

Choice of Cabin Operating Panel by client.

FLOORING

Hard-wearing cabin floors available in a range of rubber finishes, woods, granites and tiles or special flooring on request.

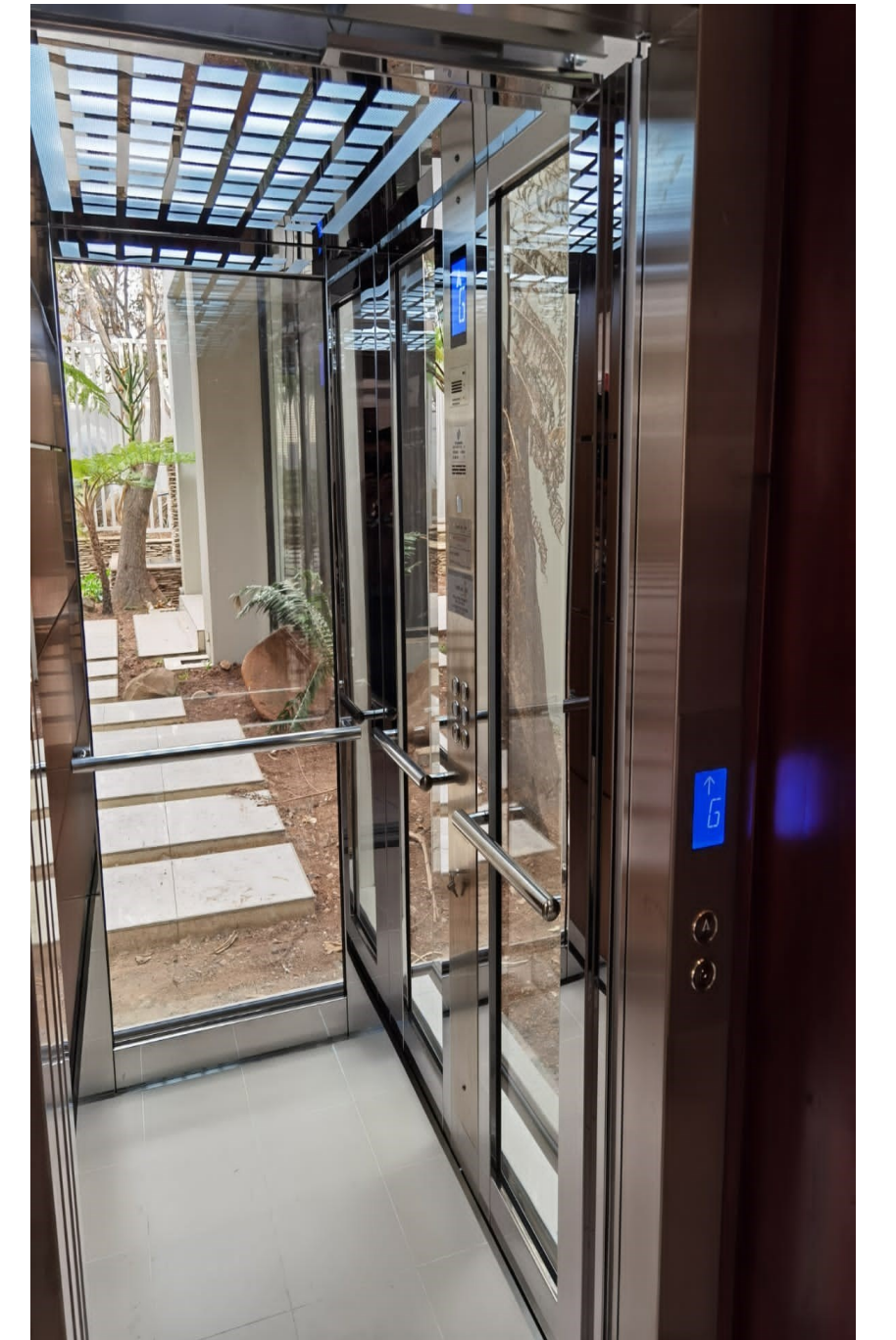
HANDRAILS (OPTIONAL)

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 or full width and height at rear wall of lift car.

Design in full accordance with EN 81-20:2014, EN 81-50:2014 and EN 81/70:2018





AESTHETIC SERIES

CABIN WALL FINISHES

SKINPLATES & PAINTED (RAL)

Our AESTHETIC SERIES range offer durable textured finishes. They come with matte and glossy surfaces that are easy to care for and hygienic. They can provide a high-quality look with a remarkably close to natural looks on the effect surface.



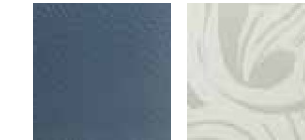
SKINPLATE (LAMINATED STEEL) L320



PPS93

DL 86

A90GTA



B13

PPS13

PAINTED RAL L330



*For any RAL cabin painting please contact your sales technician for confirmation on available colours.



STAINLESS STEEL SERIES L310

We offer the absolute highest grade stainless steel for our cabins. Stainless steel is a tough, hygienic material. Satin, textured and super mirror surface ensure a timeless finish of pure quality.

STEEL SURFACE FINISH



Hairline 240



B/A Linen



Mirror Finish No8



PREMIUM STEEL COLOURS L530

Classic colours can be provided with our steel surfaces that push the elegance and splendour of our cabins and doors.

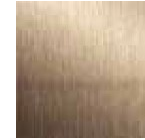
STEEL COLOURS



Black



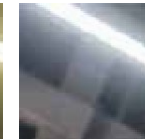
HL+PVD Gold



No4+PVD Bronze



No8+PVD Gold



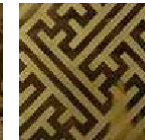
Mirror Finish No8



No8+PVD Rose Gold



Etched SD
1038 +PVD



No8 + etched



GLASS SERIES L510

Our GLASS SERIES cabin offers client a glass cabin effect. With LED lighting effect behind the glass the lift comes to life with a bright and modern design. With the glass effect the client has choice of the 6 types of glass to design their custom lift interior.

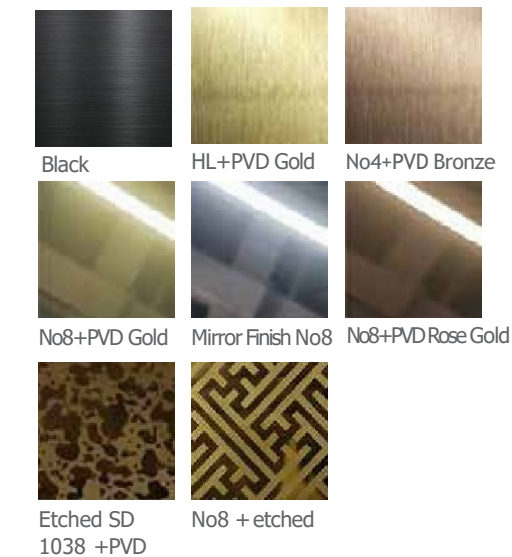
GLASS FINISH



PANORAMIC SERIES

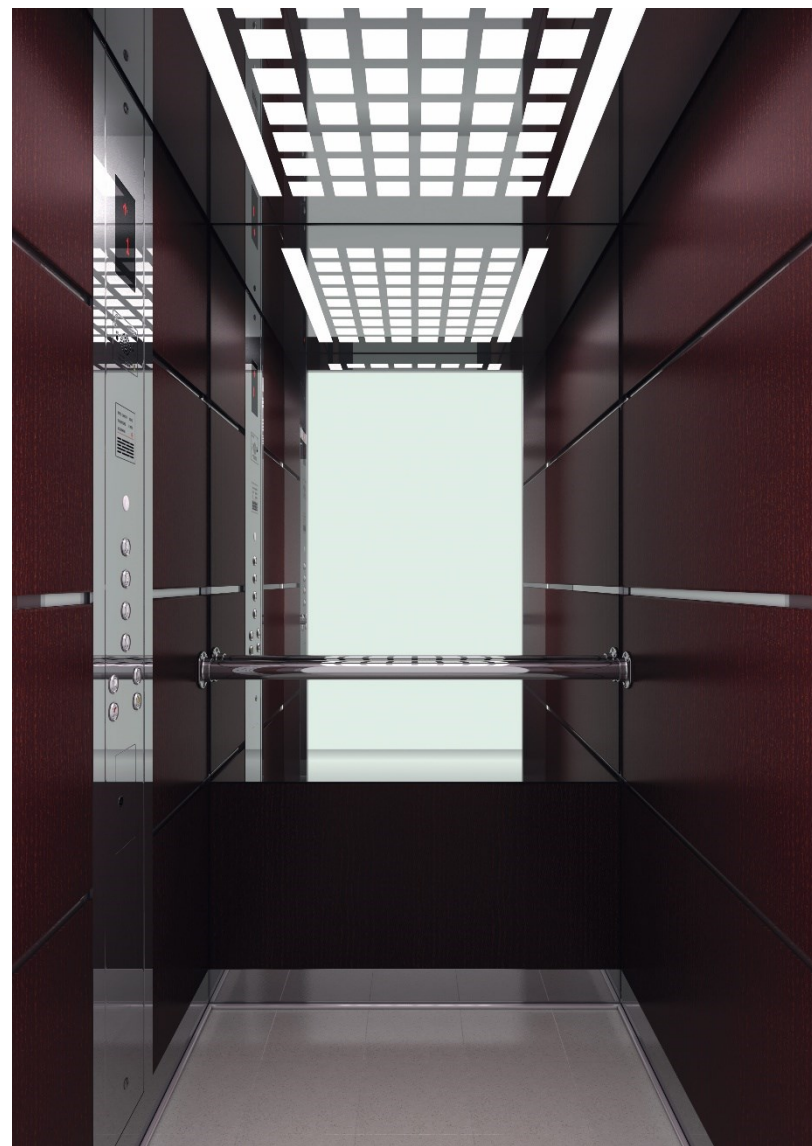
Our PANORAMIC SERIES is our transparent glass cabin design. This design allows clients a panoramic view out of the lift while enhancing the beauty of the surrounds. With choices of 1,2 or 3 sides in glass the cabin can be altered accordingly. The cabin allows the clients to select one of our STAINLESS STEEL SERIES materials to enhance the cabin structure

STEEL COLOURS





L710

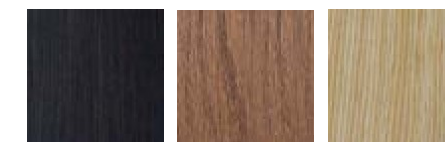


A510

CABIN WALL FINISHES

INTRODUCING OUR ALL NEW WOOD CABIN SERIES L710 & A510

Graceful wood veneers that provide a warm appearance and elegant aesthetic. We offer 3 classic wood types to suit your interior with stainless steel features.

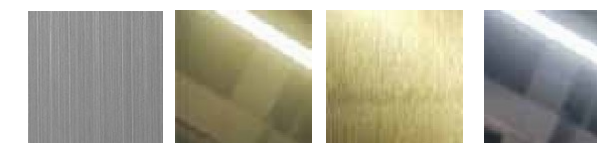


VE 14

VC1181

VC1182

Select a suitable stainless steel finish from our STAINLESS STEEL SERIES to back your wood effect.



Hairline 240

No8+PVD Gold

HL+PVD Gold

Mirror Finish No8



CABIN WALL FINISHES

**LUXE LEATHER RANGE
A520**

The LUXE LEATHER RANGE offers our clients a timeless piece of architectural serenity. With different leather options the lift comes to life with a luxury feel that is out of the ordinary. Offering leather wall with hints of our STAINLESS STEEL SERIES the lift is brought together in a harmonious design for our clients.



CABIN WALL FINISHES

**CUSTOM SPECIAL SURFACES
SERIES**

Our custom cabins range bring the clients design into the lift interior as a customized approach. With options of internal wraps, custom surface finishes, specialized buttons, special flooring finishes and so much more. Once chosen to opt for the custom cabin design one of our design team members will sit with you and start your design process. Please inform the sales manager of this option and they will guide you through the process.



The custom special surfaces series requires one of our design team members to meet with you to plan and discuss the design. Please note these designs can take time so standard lead times are extended for this range.



CABIN FLOORING



The cabin flooring can serve as a contrasting surface to the cabin walls with incredible up close details. Our high quality flooring options of Vinyl, Artificial granites and woods can bring a contrasted effect to your cabin design. With options to recess flooring this can also allow the client to bring through their flooring into the lift creating a seamless integration between internal and external of the lift.

VINYL FLOORING



2010T



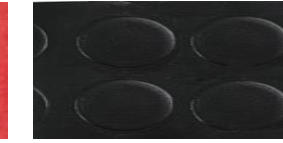
2020T



2102T

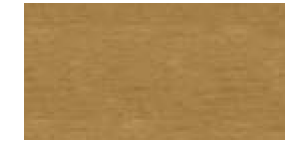


2050T



PVC BLACK
DOTTED RUBBER

WOOD FLOORING



1675

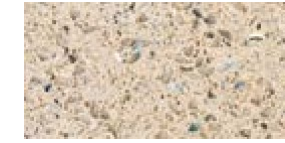


8096



8630

ARTIFICIAL GRANITE



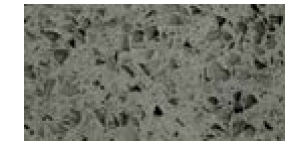
REGAL BEIGE SP



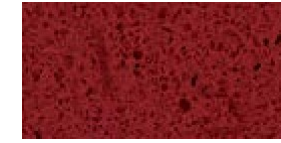
REGAL BLACK SP



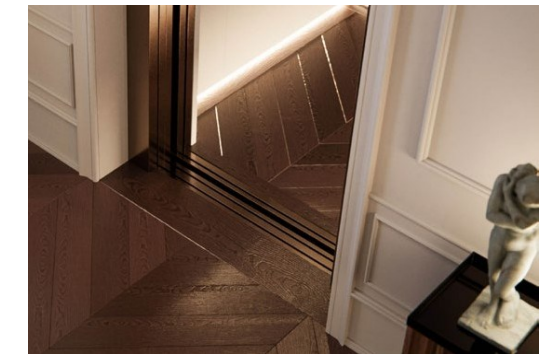
REGAL WHITE SP



REGAL GREY SP



REGAL RED SP



FREEDOM TO CHOOSE YOUR OWN FLOORING

The cabin can be provided with a floor tray so that you can ensure connection to the interior space.



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 (large door openings on request only)



TELESCOPIC WITH
SOLID PANELS



TELESCOPIC WITH
FRAMED GLASS

TELESCOPIC WITH
PARTIAL FRAMED GLASS

HANDRAILS

We offer 3 distinct handrail designs that can be added to different walls of the cabin. They are finished in a natural stainless steel but we offer custom finishes on these designs if required.



HANDRAIL STANDARD IN STAINLESS STEEL



HANDRAIL WITH ROUNDED CORNERS STAINLESS STEEL



FLAT HANDRAIL IN STAINLESS STEEL

MIRRORS

Mirrors have minimal framing and can be positioned on different walls of the cabin. Full height mirrors need confirmation if handrail design can be incorporated to mirror.



HALF HEIGHT MIRROR

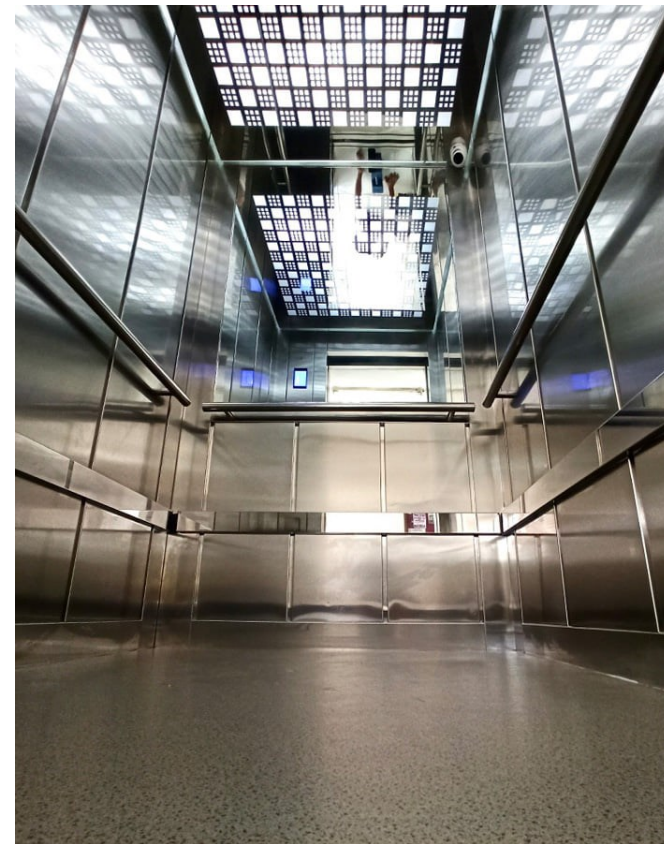


FULL HEIGHT MIRROR



LIGHTING SOLUTIONS

Lighting is a critical element of any interior, this lighting in the lift bring together your design by enhancing the chosen materials with a bright and effective lighting design. All lighting designs are to be discussed with your sales technician to confirm that the design and light will work together.



STANDARD SERIES



03



07



010

MODERN SERIES



055



015

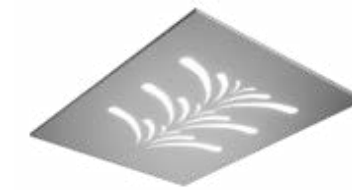


014

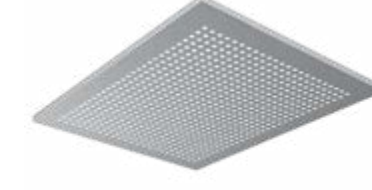


013

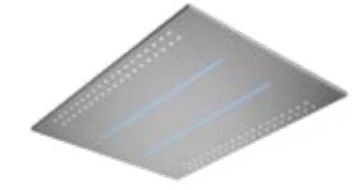
CLASSIC AND FUTURE TREND SERIES



A 710



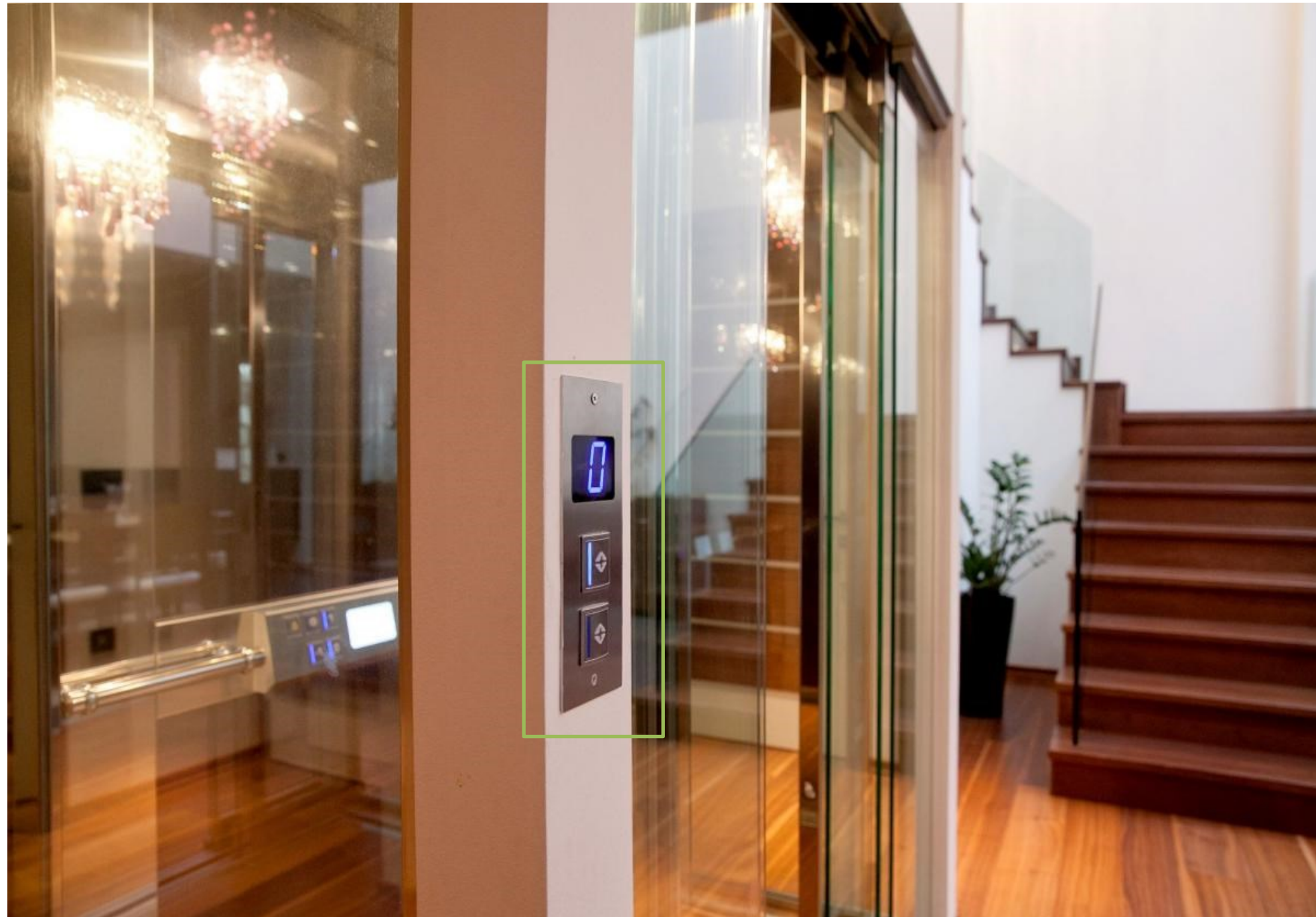
T 120



T 310

The CLASSIC AND FUTURE TREND SERIES need confirmation from sales technician on ability to fit your cabin design.

03, 010, 013, 014, 055 with crystal plexiglass and 07 with 5spots comply with EN81.20.



LANDING OPERATING PANELS

We offer a range of LANDING OPERATING panels for our cabins, with a surface that can be finished in almost everything from our STAINLESS STEEL SERIES material range.

CONTROL PANELS

LCH L LCD & DOT

Simple control panels with flush mounted faceplate.

MAIN FEATURES

- Types: 2 mm thick stainless / steel faceplate.
- Widths: Dependent on design and button.
- Fixing: Flush mounted or surface mounted
- Button: choice by client

FINISHES

- Select a material from our STAINLESS STEEL SERIES range.
- Confirm finish is available with your sales technician

FINISHES

- Custom RAL on demand

For touch and hygiene options please view Special buttons section

LANDING OPERATING PANELS (L.O.P)

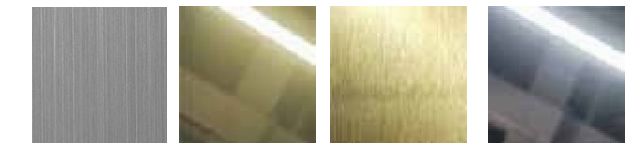


LCH DOT

LCH LCD

LCH LCD SM1

MATERIALS (L.O.P)



Hairline 240

No8+PVD Gold

HL+PVD Gold

Mirror Finish No8

BUTTONS (L.O.P) Special buttons on request only



EB 960



EB218



CABIN OPERATING PANELS

We offer a range of CABIN OPERATING panels for our cabins, with a surface that can be finished in almost everything from our STAINLESS STEEL SERIES material range.

CONTROL PANELS

KCH LCD & DOT

Simple cabin control panels with flush mounted design.

MAIN FEATURES

- Types: Dot display or LCD display.
- Widths: Dependent on design and button.
- Fixing: Flush mounted or surface mounted
- Button: choice by client

FINISHES

- Select a material from our STAINLESS STEEL SERIES range.
- Confirm finish is available with your sales technician

FINISHES

- Custom RAL on demand

For touch and hygiene options please view Special buttons section

BUTTONS (L.O.P) Special buttons on request only



EB 960



EB218

LANDING OPERATING PANELS (L.O.P)



KCH DOT



KCH LCD

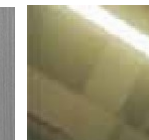


LCH LCD SM1
Surface mounted

MATERIALS (L.O.P)



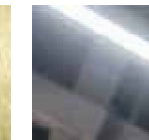
Hairline 240



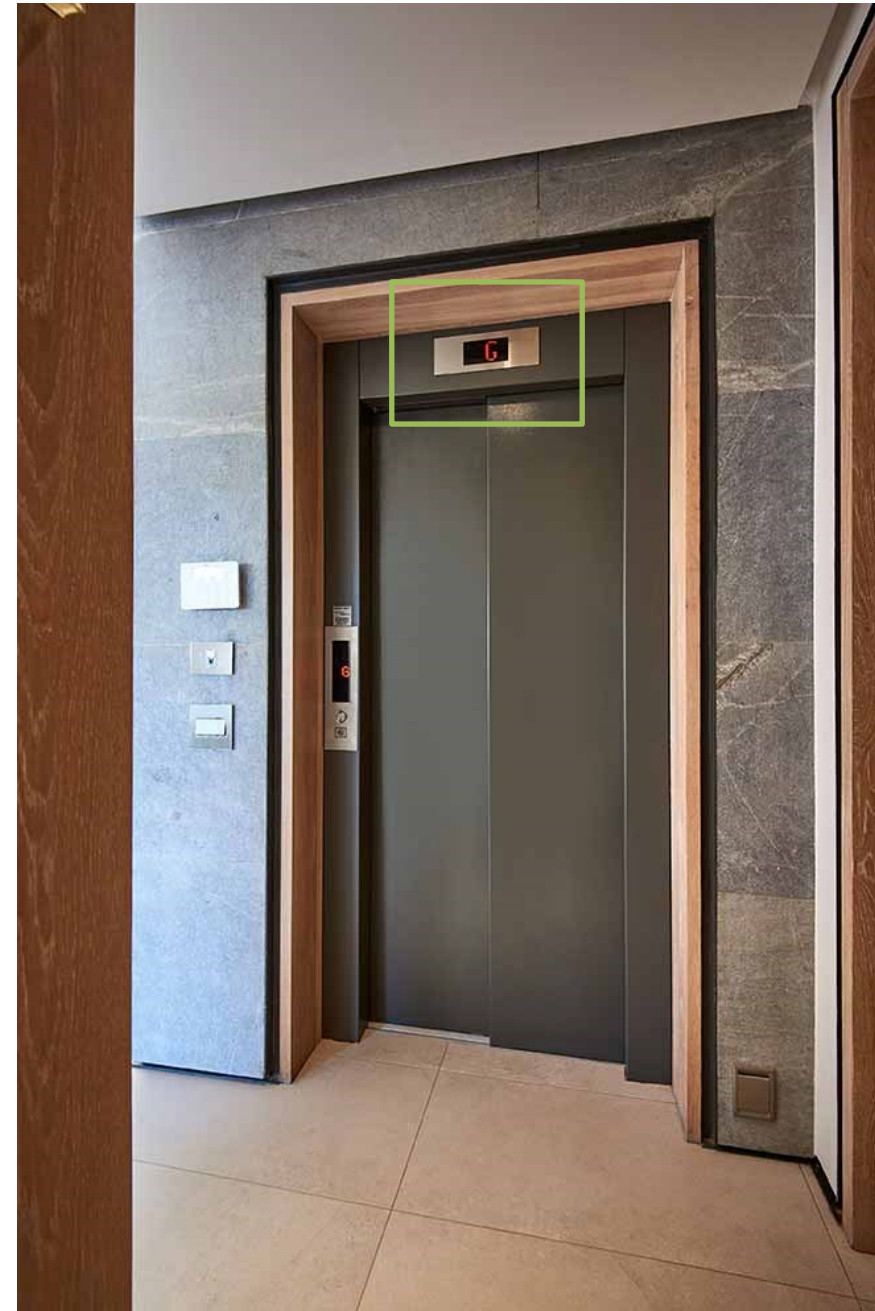
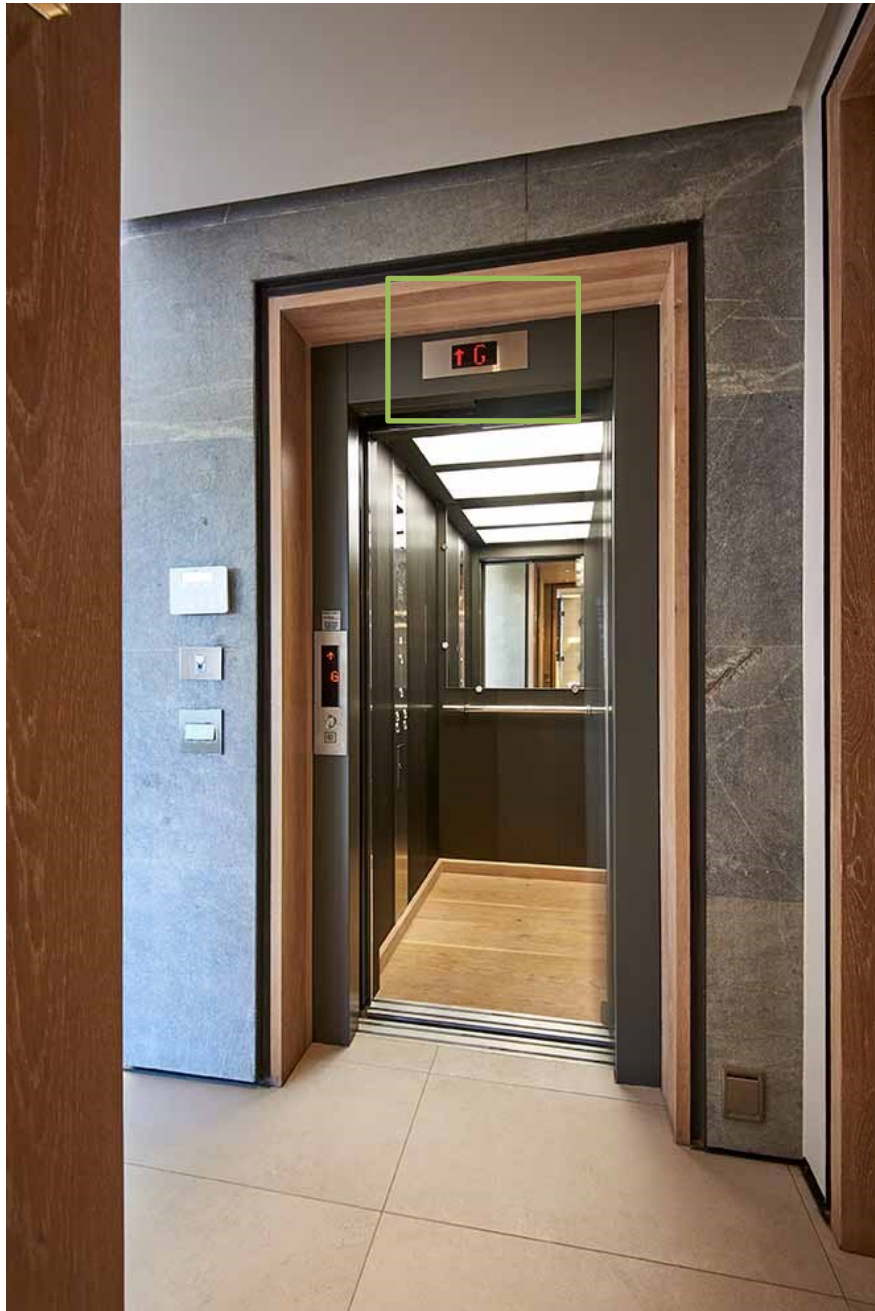
No8+PVD Gold



HL+PVD Gold



Mirror Finish No8



HALL LANTENRS

LCH L DOT & LCD

Floor indicator panels for high traffic areas.

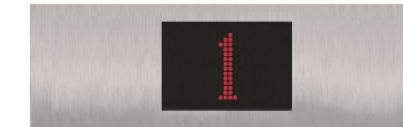
MAIN FEATURES

- Types: 2 mm thick stainless / steel faceplate.
- Widths: Dependent on design and button.
- Fixing: Flush mounted or surface mounted
- Dot display or LCD
- Speak to your sales technician for selections and configurations acceptance

FINISHES

- Select a material from our STAINLESS STEEL SERIES range.
- Confirm finish is available with your sales technician

LANDING OPERATING PANELS (L.O.P)



LCH L DOT



LCD L DOT
Surface mounted



LCH L LCD

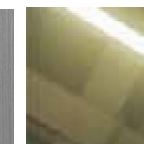


LCH L LCD
C300

MATERIALS (L.O.P)



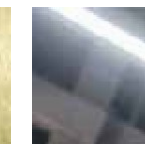
Hairline 240



No8+PVD Gold



HL+PVD Gold



Mirror Finish No8

SPECIAL CONTROL PANELS

SPECIAL PANELS

Glass car and landing operating panel.

MAIN FEATURES

- Glass thickness: 4 mm.
- Metal back boxes.
- Metal support plate.
- Hidden fixing for Lop's.
- Hidden fixing with opening hinge for Cop's.

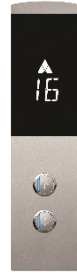
GLASS COLOURS

- Black

WARNINGS

Any of the designs in glass feature are noncompliant to EN81.20 and disability features. Please contact your sales technician to discuss any glass buttons for approval of regulations on the specified project

LANDING OPERATING PANELS (L.O.P)



LCH C300 Black Glass mechanical



LCH TSL Black Glass touch

CABIN OPERATING PANELS (C.O.P)



KCH C300 Black Glass Mechanical
¾ Height



KCH TSC Black Glass touch

CONTROL PANELS

ANTI MICROBIAL & TOUCH BUTTONS

SPECIAL BUTTONS (Anti-microbial range)

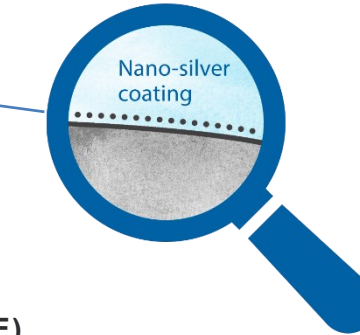
We present the Blue Line KLH-42R buttons with nano-silver coating, that can provide antibacterial and antifungal protection and effectively reduce the risk of infection.



KLH 42-Q



KLH 42-R



SPECIAL BUTTONS (TOUCH FREE)

In addition to the antibacterial Blue Line KLH-42R buttons and antibacterial rate up to 99%, we introduces a 100% antibacterial solution: OUR touchless buttons.












TOUCHLESS BUTTONS



TRACTION DRIVE SPECIFICATION

400 (TRACTION DRIVE)

630 (TRACTION DRIVE)










 CAPACITY	400 kg max	630 kg max
 DRIVE SYSTEM DETAILS	Traction with counterweight system. Motor positioned at the top of the lift shaft.	Traction with counterweight system. Motor positioned at the bottom of the lift shaft.
 SPEED	0,4 m/sec	1,0 m/sec 1,6m/sec on request
 PIT	400 mm as standard, deeper pits can be catered for up to a maximum of 1200mm	1100 mm as standard, deeper pits can be catered for up to a maximum of 2000mm
 HEADROOM	Min 2800mm	Min 3600mm
 MAX TRAVEL	TBC m	45 m
 OPERATION	Simple touch	Simple touch
 ELECTRICAL & CONTROL	380 Volt three phase 50 Hz	380 Volt three phase 50 Hz
 CERTIFICATION	EN81.1	EN81.20 other standards available on request



TRACTION DRIVE SPECIFICATION 2

800 (TRACTION DRIVE)

1000 (TRACTION DRIVE)

 CAPACITY	800 kg max	1000 kg max
 DRIVE SYSTEM DETAILS	Traction with counterweight system. Motor positioned at the top of the lift shaft.	Traction with counterweight system. Motor positioned at the bottom of the lift shaft.
 SPEED	1,0 m/sec 1,6m/sec on request	1,0 m/sec 1,6m/sec on request
 PIT	1100 mm as standard, deeper pits can be catered for up to a maximum of 2000mm	1100 mm as standard, deeper pits can be catered for up to a maximum of 2000mm
 HEADROOM	Min 3600mm	Min 3800mm
 MAX TRAVEL	45 m	45 m
 OPERATION	Simple touch	Simple touch
 ELECTRICAL & CONTROL	380 Volt three phase 50 Hz	380 Volt three phase 50 Hz
 CERTIFICATION	EN81.20 other standards available on request	EN81.20 other standards available on request





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