



Dôme
LIFT



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About Us

We are Dome Lift. We do elevator.

We DOME LIFT TRADING FZE, a reputed elevator company located in Hamriyah Free Zone, Sharjah, UAE. All products supplied by DOME LIFT TRADING FZE are manufactured in most advanced manufacturing facilities located in Europe and Asia. Our aim is to make all our products available across the world and provide unparalleled service support throughout the life of the product. We are confident that with our commitment & dedication, we can continue growing in our area of operation. At present, we are concentrating in expanding our position in the global market by making tie-ups, collaborations and joint ventures with various manufacturers, suppliers and distributors across Asia, Africa, Europe and Middle Eastern Countries. This will further enable us in strengthening our position in the global market.

Our Elevator

DOME elevator is manufactured by using high quality raw materials and certified components carefully sourced from the direct manufacturers located in Europe, Turkey, India and China. Elevators supplied by DOME are certified as per international quality standards and complying to local regulations. Our collaboration with leading machine manufacturers and controller manufacturers makes our elevator more reliable and affordable. Our precision designed elevators ensure long life operation and they are easy to install.

The control system of Dome lift is powered by Arkel – one of the most powerful lift control systems in the world. The control system has been developed and customized for our elevator to cater various project specifications.

All critical components such as the machine, safety locks and drives are designed and manufactured by European manufacturers. The rest of the components come from Turkey, India and China and they have been carefully selected after extensive testing and certification.

Our product range includes high-quality Commercial Elevators, Residential Elevators, Industrial Elevators, Hospital elevators, Inclined Elevators and Dumbwaiters etc. We also supply other special products such as Dock Lifts, Scissor Lifts, Platform lifts, loading ramps, waste disposal chutes and façade access solutions etc

Optima Elevator

Optima - A perfect elevator for your prestigious building

Presenting a reliable, energy efficient and quiet way to introduce vertical transportation solution to your prestigious building, no matter how much space you have.

Looking for reliable and long-lasting vertical transportation solution to improve the reliability and efficiency of your building? Dome Lift introducing a flexible elevator that will fit into a wide range of shafts dimensions and specifications. Its available with both machine room and machine room less models.

With impressive energy saving technology and advanced engineering designs, these models can run even quieter than a standard elevator system.

Advantages

European brand Montanari machineries are used in the Optima passenger elevator. The mechanical parts including the structure and guide rails are manufactured in state of art factory in Turkey. This ensures high quality and long-lasting elevators available at a very reasonable price.

Comfort

Due to its gearless motor and VVVF drive speed regulation technology used, Optima can offer excellent stopping accuracy and riding comfort. The speed of the automatic door operation is regulated by variable voltage variable frequency drive system. It offers extremely smooth door operation.

Low Noise Levels

Gearless motor and state-of-the-art inverter combined with innovative design guarantees remarkably low noise levels inside and outside the cabin. The noise level inside the cabin during the lift operation is between 52-54 dB (A).

Emergency Evacuation

In the unlikely event of power failure, the emergency evacuation system ensures the safe transportation of passengers to the nearest floor where the doors automatically open as to allow the car exit.

Specifications

Capacity	450Kgs – 2000kgs
Drive	Variable Voltage Variable Frequency Drive System.
Machine	Montanari (Italy) / Torin Drive / Akis Permanent Magnet Gearless Traction Machine
Controller	32 Bit Arkel Microprocessor controller
Speed	1.00mps to 2.50mps
Travel	Upto 100m / 32 stops
Door	Fully automatic sliding steel door in stainless steel hairline finish. Other special finishes are available on request.
Cabin Size	1000mm (w) x 1200mm (d) x 2300mm (h) - 1900mm (w) x 2200mm (d) x 2800mm (h)
Door Width	800mm – 1100mm (w)
Door Height	2000mm – 2400mm (w)
Min Pit	1200mm – 1800mm
Min Headroom	4200mm – 5200mm
Machine room height	2200mm / without machine room model

GIGA Car Elevator



GIGA car elevator is a highly economical and robust solution from DOME for heavy load carrying capacity elevators with the capacity of 3000kgs – 10,000kgs. It is one of the most economical and space saving solutions available today in the market.

GIGA is designed to offer both electric traction and hydraulic drive technology tailored as per the site dimensions and characteristic. Featuring GMV or MORIS premium hydraulic machines and Torin Drive electric traction drives equipped with a state-of-the-art inverter that minimizes sound and ensures both outstanding ride quality and exceptionally low energy consumption.

Advantages

Permanent magnet Gearless machines are used in the GIGA car elevators. The mechanical parts including the structure and guide rails are manufactured in state of art factory in Turkey. This ensures high quality and long-lasting elevators available at a very reasonable price.

Comfort

Due to its gearless motor and VVVF drive speed regulation technology used, GIGA can offer excellent stopping accuracy and riding comfort. The door operation of GIGA is available in both vertical sliding and horizontal sliding steel door. The speed of the door operation is regulated by variable voltage variable frequency drive system. It offers extremely smooth door operation.

Low Noise Levels

Gearless motor and state-of-the-art inverter combined with innovative design guarantees remarkably low noise levels inside and outside the cabin.

Emergency Evacuation

In the unlikely event of power failure, the emergency evacuation system ensures the safe transportation of passengers to the nearest floor where the doors automatically open as to allow the car exit.

Specifications

Parameters	Hydraulic	Traction
Capacity	3,000Kgs – 10,000kgs	3,000kgs – 5,000kgs
Drive	Indirect Double Piston with six guide rails design	Variable Voltage Variable Frequency Drive System with six guide rails design.
Machine	MORIS / GMV (ITALY) Hydraulic Machine	Torin Drive / Akis brand Permanent Magnet Gearless Machine
Controller	Arkel Microprocessor controller with Star Delta	Monarch 3000 Microprocessor controller with VVVF drive
Speed	0.3mps to 0.5mps	0.5mps to 2.5mps
Travel	Upto 21m	Up to 200m for 3000kgs capacity
Door	Full Automatic vertical / horizontal sliding steel door in stainless steel or powder coated finish.	
Door Dimension	2400mm (w) x 2200mm (h)	
Min Pit	1000mm	1600mm
Min Headroom	3400mm	4800mm
Machine room height	2200mm	3000mm

Emarza Hospital Elevator



Emarza is a traction MRL solution for hospitals and health institutions. Customized cabin and door dimension of EMARZA attracts many hospital operators across the region. With safety at the core of its values, offers an innovative safety feature that safeguard the hygiene in the cabin and protect the passenger at all times.

The Elevator Air Purifier is a two-phase technology that uses molecular materials and UV light to totally disinfect the cabin for clean, uncontaminated air. The Air Purifier utilizes technology and engineering to offer a safe and protective environment in the cabin interior.

- » 99% killing rate of bacteria
- » 99,76% influenza virus removal rate
- » UV catalyst sterilization

Advantages

High quality Montanari (Italy) or Torin Drive Permanent Magnet Gearless Machine is used in the Hospital elevator. The mechanical parts including the structure and guide rails are manufactured in state of art factory in Turkey. This ensures high quality and long-lasting elevators available at a very reasonable price.

Comfort

Due to its gearless motor and VVVF drive speed regulation technology used, Emarza can offer excellent stopping accuracy and riding comfort. The speed of the automatic door operation is regulated by variable voltage variable frequency drive system. It offers extremely smooth door operation.

Low Noise Levels

Gearless motor and state-of-the-art inverter combined with innovative design guarantees remarkably low noise levels inside and outside the cabin. The noise level inside the cabin during the lift operation is between 52-54 dB (A).

Emergency Evacuation

In the unlikely event of power failure, the emergency evacuation system ensures the safe transportation of passengers to the nearest floor where the doors automatically open as to allow the car exit.

Specifications

Capacity	1000Kgs – 1600kgs - 2400kgs
Drive	Variable Voltage Variable Frequency Drive System.
Machine	Montanari (Italy) or Torin Drive Permanent Magnet Gearless Machine
Controller	32 Bit Arkel Microprocessor controller with Variable Voltage Variable Frequency Drive
Speed	1mps to 2.5mps
Travel	Upto 100m / 32 Stops
Door	Fully Automatic horizontal sliding steel door in Stainless Steel Hairline Finish. Other special finishes are available on request.
Door Dimension	900-1100mm (w) x 2100mm - 2400mm (h)
Min Pit	1600mm
Min Headroom	4400mm
Machine room height	2200mm.

Nano GL Panoramic Home Lift



Nano GL panoramic home lifts are becoming so popular because of its unique shapes in square and circle. Many architects are now drawing them into their plans for all duplex homes. Life is changing, and our lifestyle is evolving every day. The population is growing recently, people have to build up because they can't afford the land to build out. Still, many people think that having a home lift is a luxury option. We hear this cliché: this is only for 'rich people.

Well, we at Dome Lift believe that the concept of home-lift must be affordable for everybody, all kinds of properties, any time and everywhere on this planet simply because that is possible! Our home-lift design will allow you for example to create a new access from your garages to the upstairs, to lift your furniture or heavy objects smoothly between floors, to move safely with your little newborn child in your house, to make the life of our disabled family members easier and happier, to make your clients have a new and unique lift experience while shopping in your store of staying at your hotel, and so on. Think about it, a home lift does not differ from any other heavy equipment in your house such as air-conditioning or even the washing machine. It is there to make our life smarter and more comfortable. Also keep in mind that home-elevators can add a new value to your property and increase its position in the market. So keep in mind, It is not a luxury option but rather a smart choice and long-term thinking!

What Makes us Unique?

No or Simple Civil Works

This lift is an ideal solution to be installed on the exterior face of the building, In the lobby, or at any place where it can enhance the elevation and the 'look & feel' of the building.

We introduce you to an electrical home elevator that requires no supporting wall, pit, or hydraulics vacuum systems. Just plug it into your domestic electrical socket and start moving up & down!

Minimal Maintenance

This is an electrical self-supporting elevator. No use of oil, vacuum systems, or Counter weights. This means less maintenance and saves a lot of additional costs and time during the installation-process.

No Wiring

This elevator comes as a semi-assembled unit. Just install, plug & play. No surprises!

Self-Structure

This stand-alone elevator that does not require any supporting beam, column or walls. All you need is the space!

Full Scenic

The unique glassy sightseeing capsule enables the passengers to have eye contact with the surrounding area, even when the lift is in motion.

General Data:

Maximum Travel	14 MT
Maximum Levels	5 Stops / 17.1 MT
Pit Depth	120 mm - No pit with optional short ramp
Installation Place	Inside - Outside
Drive Train	Winding Drum Machine with Encoder (Made in Italy)
Machine Control	Preprogrammed variable frequency drive
Rope	8 mm standard: Turkish quality, on request: German quality.
Transmission	Ultra-low vibration, 3-stage, right-angle, helical-bevel drive.
Noise Level	54db ventilator OFF - 56db with ventilator ON.

Internal Specifications:

Cabin CLADDING	CLEAR SOLID Polycarbonate (250 times stronger than glass)
Cabin Ceiling	LED Spot Light - Spot Light
Cabin Operating Panel	Intercom - Alarm - Emergency Stop Button (cop-lop is GENEMEK brand made in Turkey)
Overload Indication	Built in on COP
Cabin Flooring	Pvc - Wood
Cop	Intercom - alarm - fan - emergency stop button (COP-LOP made in Turkey).
Cabinet Ceiling	Etched steel or wood with spot light.

External Specifications:

Shaft Construction	Profile
Structure Cladding Glass	Solid Polycarbonate 4 mm (Made in Germany).
Landing Door Height	2100 mm
Door Cladding	Laminated tempered glass 4X4 mm
Door Type	Swing manuel door and swing semi-automatic choice
Door interlocks	Italian brand - (Made in Italy)

Multiple Door Access

The door access for this elevator can be customized according to the situation in the building. The flexible design of this elevator allows us to install the entrance or the exits from different sides on each floor. This adjustability can be very handy within buildings that have been originally built without elevators.

General Specifications

OUT DIAMETER	1100 MM	1300 mm	1500 mm	1700 mm
PIT	120 MM	120 mm	120 mm	120 mm
OVERHEAD	3100MM	3100 mm	3100 mm	3100 mm
TRAVEL (MAX)	20 MT	20 MT	20 MT	20 MT
CAPACITY	200 KG	300 KG	400 KG	500 KG
STATIC LOAD	300 KG	600 KG	700 KG	800 KG
ENCODER	FNC 50H (*EC)	FNC 50H (*EC)	FNC 50H (*EC)	FNC 50H (*EC)
SPEED	0.15 - 0.30 M/S	0.15 - 0.30 M/S	0.15 - 0.30 M/S	0.15 - 0.30 M/S
POWER SUPPLY	220 V-50 Hz	220 V-50 Hz	380 V-50 Hz	380 V-50 Hz
MACHINE KW	3,7 KW - 1 Phase	3,7 KW - 1 Phase	5,5 KW - 3 Phase	6,8 KW - 3 Phase

Nano SV Home Lift

Dome offers unique tailor-made Nano SV home elevator solution to upgrade your space. Nano SV home lift solution that complies with Lifts Directive 2014/33/EU or European machine directive. Installation of Nano can be customized to any architectural need and design, even special and challenging projects. It is an elegant and, above all, truly convenient solution, allowing for perfect fitting within any existing or new building.

Nano is the ideal solution for low pit and headroom shafts and it is available with aluminum or steel shaft construction. European legislation (EN 81-3) and can be supplied with a 'self-supporting' steel frame if a concrete shaft is not available.

Wheelchair friendly door and cabin dimensions and full height infrared door safety curtain ensures safe usage for both children and old aged.

Advantages

European brand Montanari traction machines are used in the Nano Home elevator. The mechanical parts including the structure and guide rails are manufactured in state of art factory in Turkey. This ensures high quality and long-lasting elevators available at a very reasonable price.

Comfort

Due to its gearless motor and VVVF drive speed regulation technology used, Nano can offer excellent stopping accuracy and riding comfort. The door operation of Nano is available in both manual swing doors and full automatic sliding steel door. The speed of the automatic door operation is regulated by variable voltage variable frequency drive system. It offers extremely smooth door operation.

Low Noise Levels

Gearless motor and state-of-the-art inverter combined with innovative design guarantees remarkably low noise levels inside and outside the cabin. The noise level inside the cabin during the lift operation is between 52-54 dB (A).

Emergency Evacuation

In the unlikely event of power failure, the emergency evacuation system ensures the safe transportation of passengers to the nearest floor where the doors automatically open as to allow the car exit.

Specifications

Capacity	250Kgs – 450kgs
Drive	Hydraulic Drive / Variable Voltage Variable Frequency Drive System.
Machine	Montanari (Italy) Permanent Magnet Gearless Traction Machine
Controller	32 Bit Microprocessor controller
Speed	0.15mps – 0.63mps
Travel	Upto 20m / 5 stops
Door	Manual swing door in powder coated finish or fully automatic sliding steel door stainless steel hairline finish. Other special finishes are available on request.
Cabin Size	1000mm (w) x 1200mm (d)
Door Size	800mm (w) x 2000mm (h)
Min Pit	150mm
Min Headroom	3000mm
Machine room height	Not Required.

DUMBWAITER



Dome dumbwaiters are a range of small service lifts designed for the vertical transport of small and medium loads and to facilitate multiple applications within the industrial and services sectors. The rigid quality controls make these service lifts lasting and reliable products.

The main advantage of this type of product is its adaptability to your specific requirements. This adaptability is achieved by offering a wide range of sizes and two different installation versions: wall-mounted or using a self-supporting structure. Moreover, both hydraulic drive (low noise level) and electrical traction drive (for travel distances greater than 8 m) are available. In addition to the above, these service lift include manufacturing features designed to optimize installation times, such as: manufacture of modular elements, prefabricated electrical installation, ready to plug in, as well as preassembly of several elements.

Applications

- » Dumbwaiters for restaurants, bars, coffee shops...
- » Service lifts for shoe stores.
- » Small packages.
- » Service lifts for libraries or bookshops.
- » Service lifts for hospitals, clinics, chemists...
- » Service lifts for offices.

Lift Car

- » With up to 3 possible accesses on one stop level.
- » A supporting tray is included as standard (other numbers of trays available as an option).
- » Car doors available as an option.

Doors

- » Vertical bi-parting door with lock and electrical security contact.
- » Automatically-operated doors available (which consist of door opening and closing using a foot pedal), as well as fire-resistance doors in compliance with the EN 81-58 Standard.
- » Hatch available for machine inspection.

Button Panels

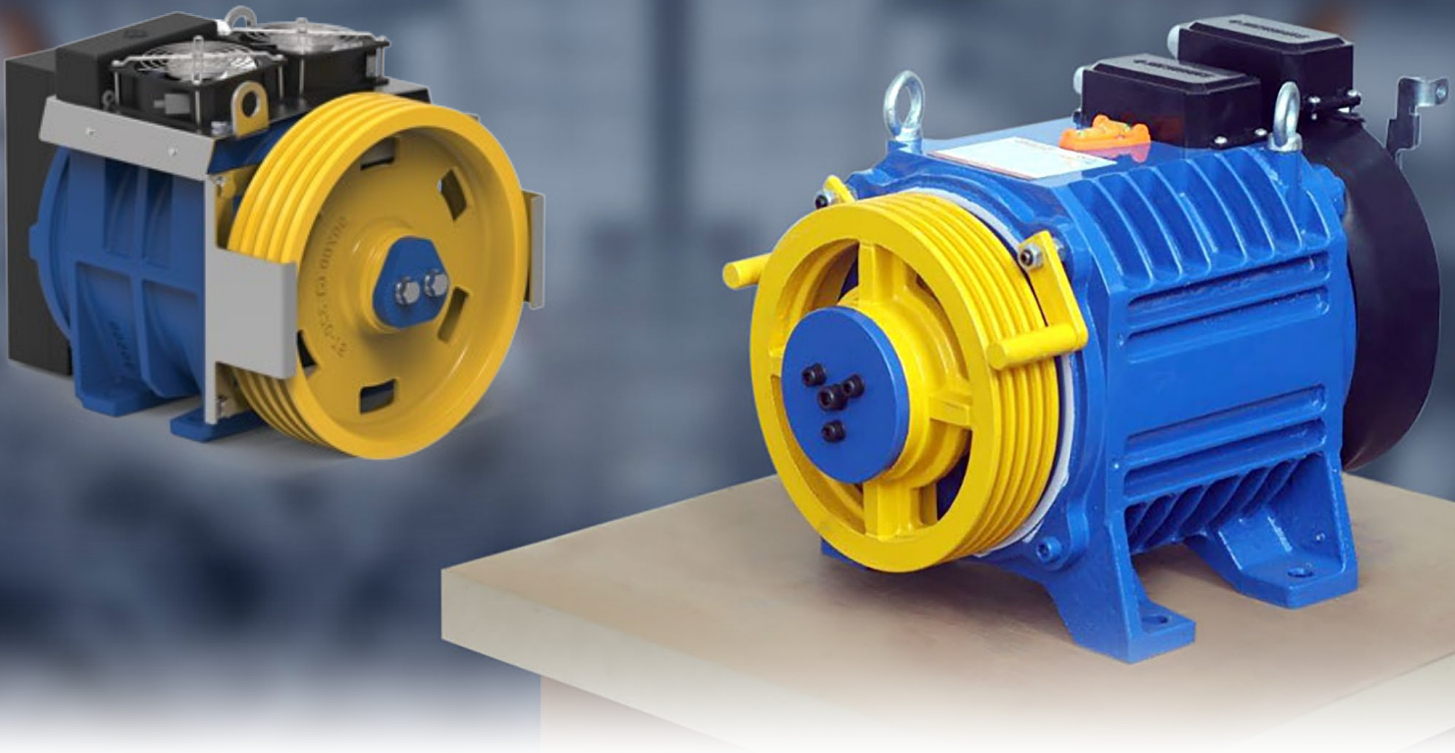
- » Call and send push-buttons for all level with light indicator for busy car and acoustic signal on arrival of the car.
- » All these components operate at low 24 V as a safety measure.

Technical Features

- » Load : 50 kg to 100 kg
- » Speed : 0.35 m/s
- » Travel Up to 35 meters
- » Stops Up to 12 stops
- » Finish Stainless steel / Painted steel



The Design



Dome Lift is powered by latest gearless traction machine manufactured by Montanari Giulio & Co. The design calculation followed by us are always verified with Montanari design criteria and it is as per international standard EN 81-1-2010.

Advantages of Gearless Technology

Global trend in energy saving technology is offering remarkable advantages to the elevator industry. Gearless Traction Elevators are the most recent example in this segment.

Elevator with gearless technology machines able to save up to 50 % more energy. Very less parts are involved in the design and thus less wear and tear of the structure. All put together durability is increased. Replacing the lesser parts easily will reduce the cost in maintenance.

Compact design and high technology chips and boards used allow the easy replacement with low cost. Manual labor for installation and service checkup is also reduced. Since they have minimum resistance and produce less heat due to lesser friction, they are able to operate for long hours and at a high speed. Most of the lifts are available to run at 24/7.

Furthermore, multiple safety measurements are used and technology used to get out of the system during breakdown is also easy. Hence ensures maximum security to the passengers.

Carcass



Dome Lift uses high quality carcass made of mild steel powder coated in factory standard colours. The carcass is constructed with a steel framework that gives durability and strength. A cross head is positioned over the top of the car, made up of a set of steel beams. These span the elevator shaft from side to side and hold the pulley system for the hoist cable.



The car frame is equipped with nylon guide shoes for standard type frames and 80mm dia roller type guide for the cantilever type car frames. The safety locks provided at the bottom of car frame instantly / progressively grip and stop the elevator in case of overspeed. A self-lubrication device provided on top of the carcass enables automatic lubrication of the guide rails. This ensure smooth ride throughout the life of the elevator.

Lift Cabin



The sides of an elevator cabin are made of steel sheet and cladded on the face with decorative materials. The decorative materials are available in various designs and patterns as per customer choice. The common material that is used for the decoration is stainless steel sheets. The MDF backing provided for the decorative sheet is not only adding quality to the design but also sound insulation.

Elevator cabin decorated with stainless steel designs backed with MDF paneling are heavy duty and long lasting. Addition to stainless steel decoration in different colours and pattern, other materials used in the elevator are high quality laminates in luxury metallic finish and textures.



Floor Options

PVC



AEZ 3000



AEZ 3010



AEZ 4010



AEZ 4020



AEZ 4100



AEZ 4101

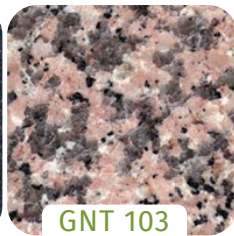
Granite



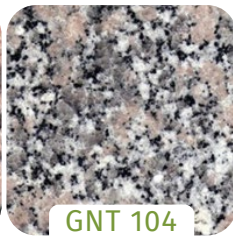
GNT 101



GNT 102



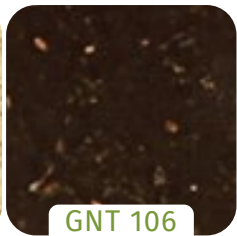
GNT 103



GNT 104



GNT 105



GNT 106



GNT 107



GNT 108

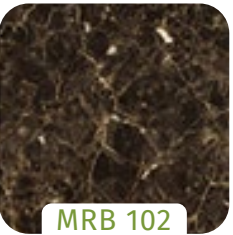


GNT 109

Marble



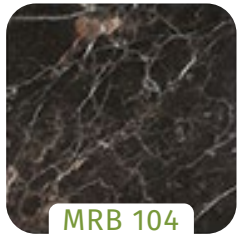
MRB 101



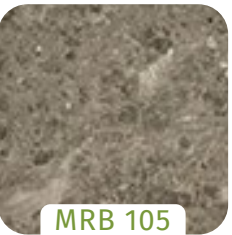
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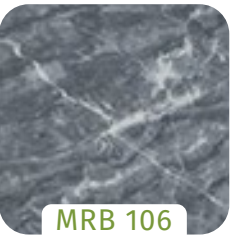
MRB 103



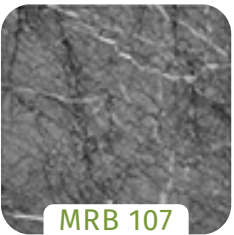
MRB 104



MRB 105



MRB 106



MRB 107



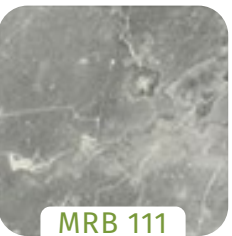
MRB 108



MRB 109



MRB 110



MRB 111



MRB 112



MRB 113



MRB 114



MRB 115



MRB 116

Cabin/Door Finishes Options

Bronze



BZ 101



BZ 102



BZ 103



BZ 104

Gold



GD 101



GD 102



GD 103



GD 104



GD 105

Silver



SL 101



SL 102



SL 103



SL 104



SL 105



SL 106



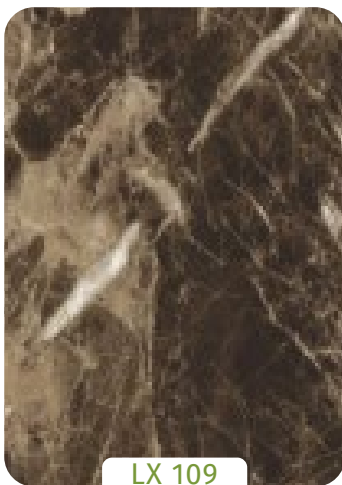
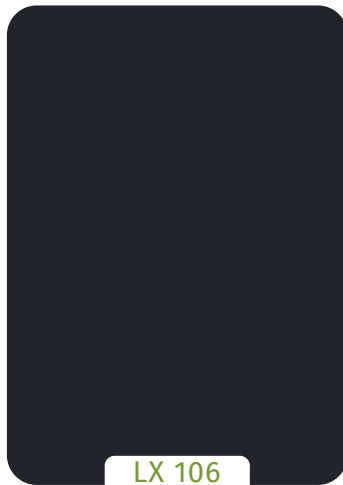
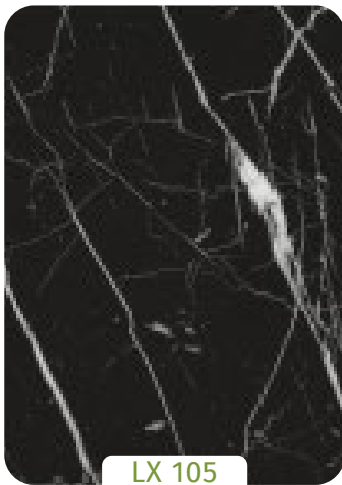
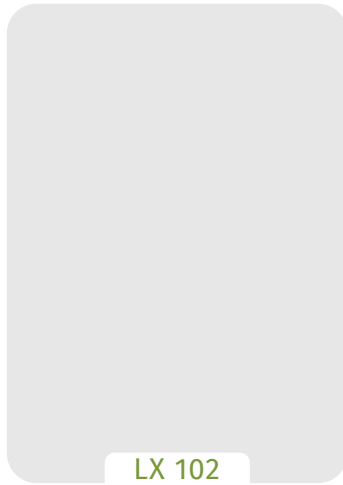
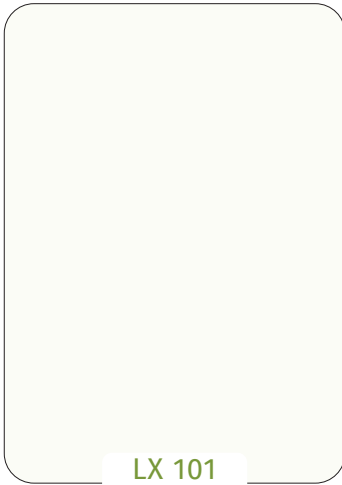
SL 107



SL 108

Cabin Finishes Options

Luxury High Gloss Laminate



Handrail Options



Ceiling Options



FC 101



FC 102



FC 103



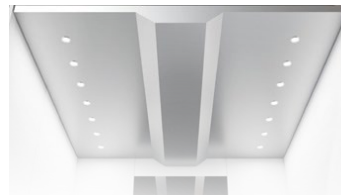
FC 104



FC 105



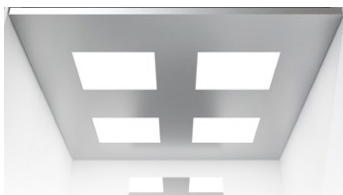
FC 106



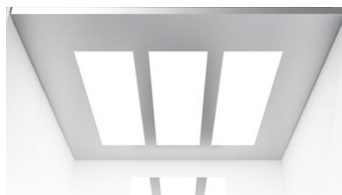
FC 107



FC 108



FC 109



FC 110



FC 111



FC 112



FC 113



FC 114



FC 115



FC 116

Door Options



CO-4P



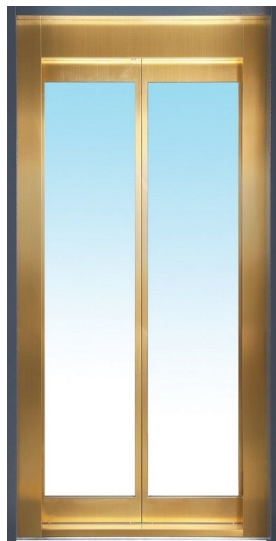
CO-2P



TT-2P



CO GL-2P



CO FL-2P



TT GL-2P

Fixtures Options

Standard Series



AV 1072



AV 1002



AV 1082



AV 2072



AV 2002



AV 2082



AV 4070

Features

- » Surface mounted, no screws
- » 9.9 mm ultra thin slim casing
- » EN81-70 and EN81-28 compliant



Available Finishes



Super Mirror



Gold Mirror



Black Mirror



Copper Mirror



Brushed



Gold Brushed



Black Brushed



Copper Brushed

Modern Series

Features

- » 9.9 mm thin design, surface mounted
- » 7 Segment or LED matrix display indicator
- » Parallel & serial prewired systems are supported



RT 1012



RT 1072



RT 1002



RT 2012



RT 2072



RT 2002



RT 4210

Available Finishes



Super Mirror



Gold Mirror



Black Mirror



Copper Mirror



Brushed



Gold Brushed



Black Brushed



Copper Brushed

Features

- » 9.9 mm surface mounting
- » Complies with EN81-70 and EN81-28



AV 731



AV 732



AV 733



Available Finishes



Super Mirror



Gold Mirror



Black Mirror



Copper Mirror



Brushed



Gold Brushed



Black Brushed



Copper Brushed

Galaxy Series





U20SM0031



U20SM0031



U20SM0031



U20SM0031



U20SM0031



U20SM0031

Available Display Indicators



TFT



Dot - Matrix



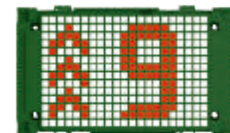
Dot - Matrix



7 - Segment



LCD



LED Matrix

Available Finishes



Super Mirror



Gold Mirror



Black Mirror



Copper Mirror



Brushed



Gold Brushed



Black Brushed



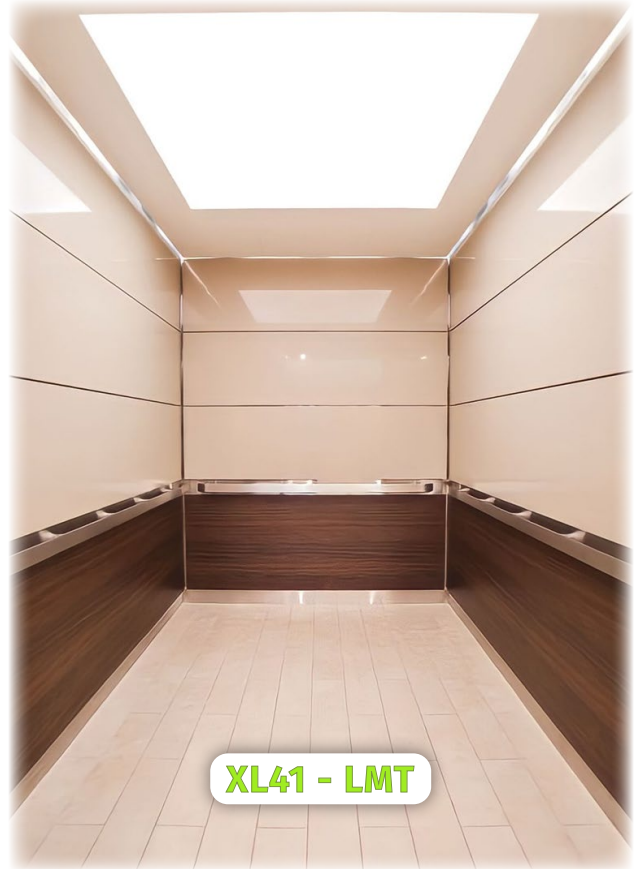
Copper Brushed

Cabin Designs

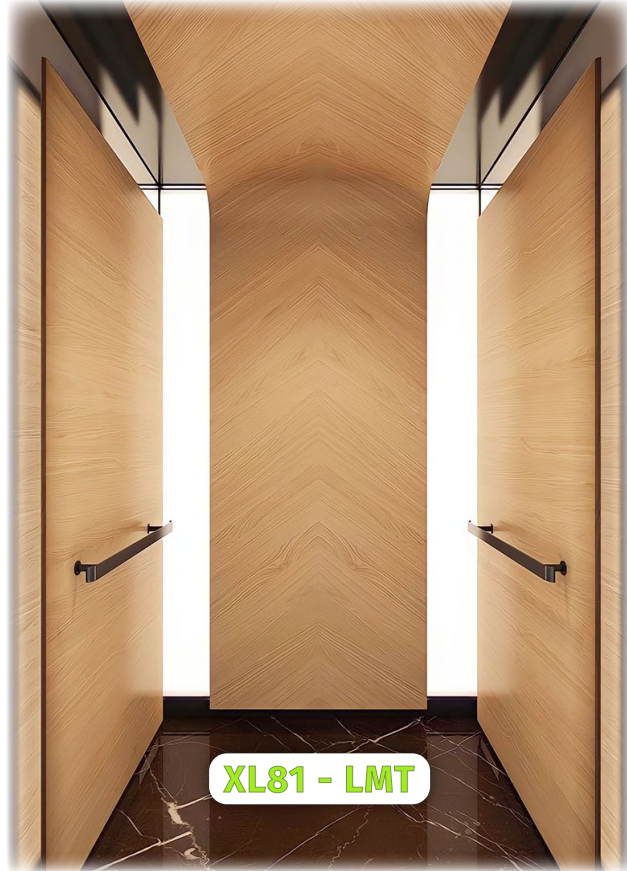
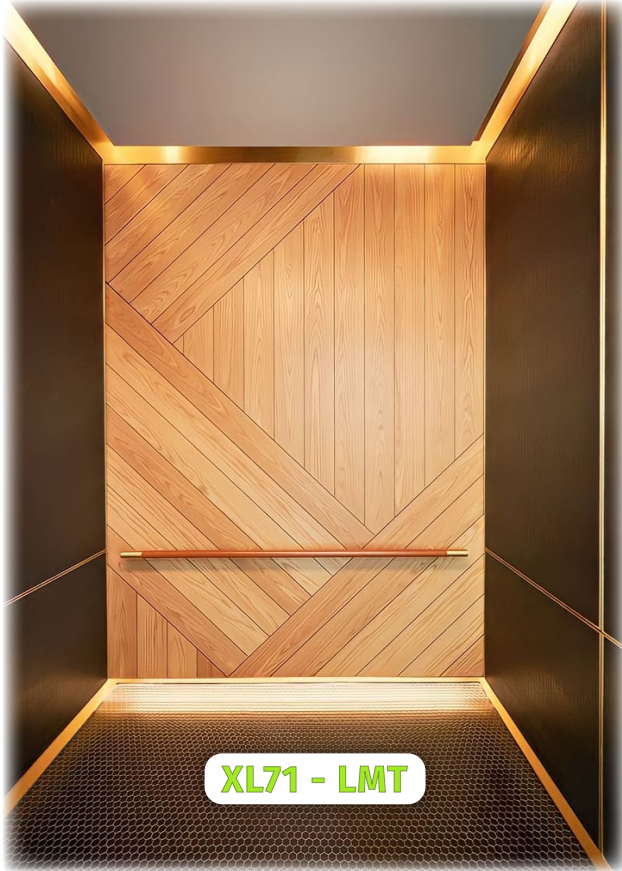


XL21 - LMT

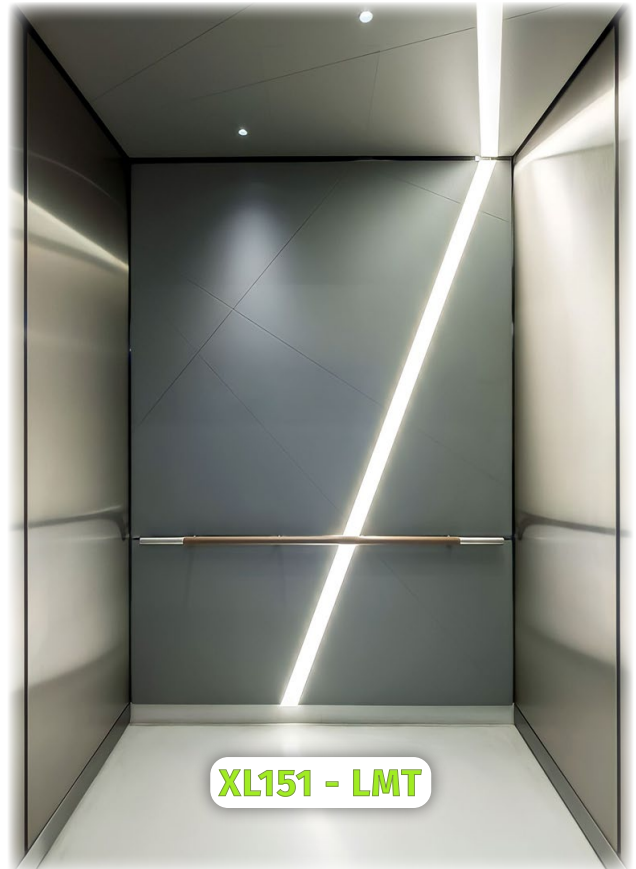
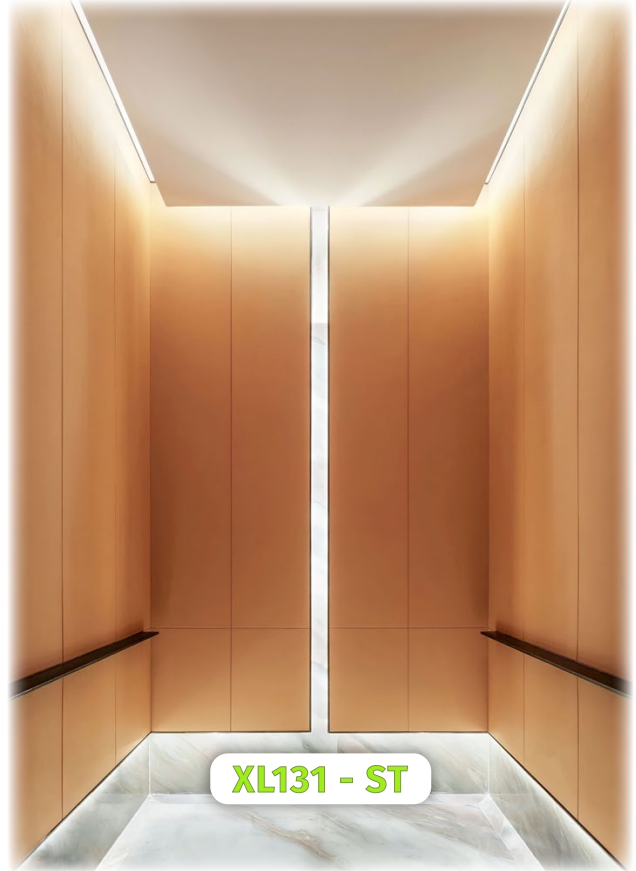
Cabin Designs



Cabin Designs



Cabin Designs



Cabin Designs (Standard)



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