



Select HY

Hydraulic Elevators
for Green Buildings

MEYER

Committed to Integrity, Expertise and Quality

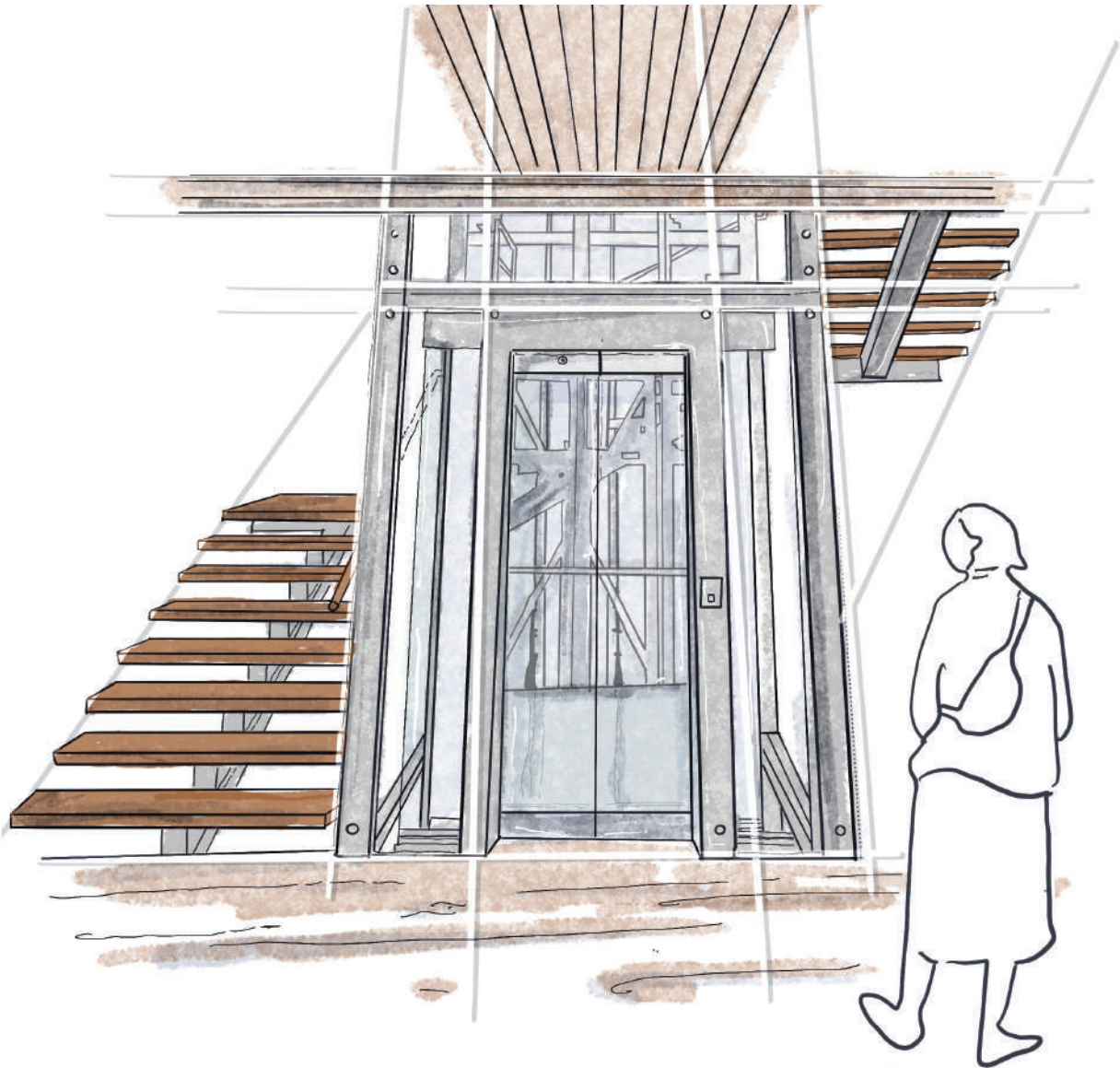
Meyer is the leading custom elevator expert in Singapore. We continue to offer an elevated selection of vertical transportation solutions, from sleek and stylish home elevators to high-performance commercial lifts.



Select Hydraulic (HY) Lift

Sophisticated Performance. Unyielding Quality.

The Select Hydraulic lift offers a luxurious and comfortable ride, combined with advanced technology and innovative design.



KEY FEATURES

Smooth and Quiet Operation

Ensures a peaceful and enjoyable ride.

Energy Efficiency

Reduces energy consumption and operating costs.

Customisable Options

Tailored to your specific needs and preferences.

Advanced Safety Features

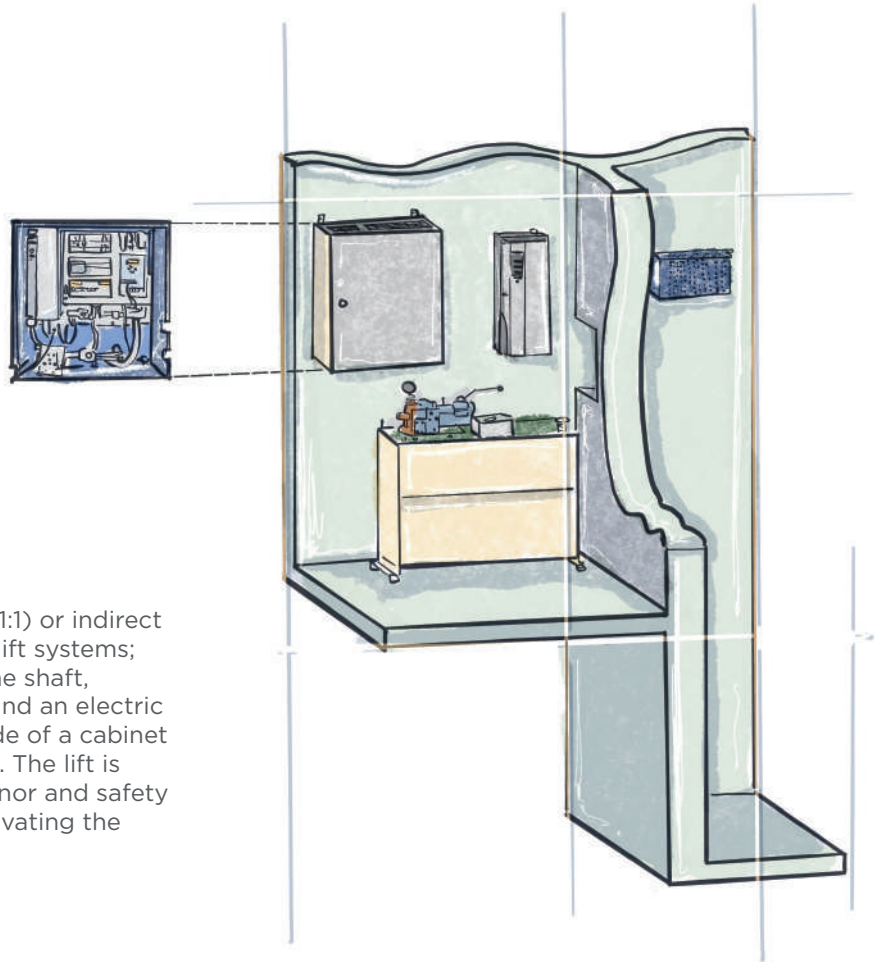
Prioritizes passenger safety and security.

Select HY

Meyer Select HY lifts are engineered for discerning projects that demand excellence in every detail. Renowned for their speed, quiet operation, and sleek aesthetics, these systems represent a sophisticated choice for both high-end residential applications and demanding commercial environments. Their design incorporates advanced energy-saving features, aligning with the principles of green building and responsible resource management. This combination of performance, elegance, and sustainability positions the Select HY as a premier hydraulic lift solution.

The Select HY system is characterised by its robust construction and adaptability, offering exceptional customisation for various shaft dimensions. This flexibility ensures safe, easy maintenance and reliable operation tailored precisely to project specifications. Each component, from the hydraulic drive to the cabin interiors, is meticulously selected and integrated to provide a lift experience that is not only highly efficient but also exceptionally smooth and quiet. Meyer's commitment to quality ensures a lift that is not just a mode of transport, but a lasting asset.





Hydraulic Lifts

Hydraulic lifts are hydraulic direct (1:1) or indirect (2:1), central or lateral, acting type lift systems; the machinery, placed outside of the shaft, consists of a hydraulic power unit and an electric control panel. It can be placed inside of a cabinet or inside of a walled machine room. The lift is equipped with an overspeed governor and safety gear or a slack rope system for activating the safety gear and a rupture valve.

KEY FEATURES

Design Flexibility

The machinery (power unit and control panel) is located outside the shaft, offering more flexibility in placement and potentially simplifying integration into specific architectural designs.

Suitability for Lower Rises

Often a cost-effective and efficient choice for buildings with fewer floors due to the direct or indirect acting mechanism.

Potential for Heavier Loads

The power of hydraulic fluids allows for handling substantial loads, which can be beneficial for certain commercial or specialised applications.

Simplified Installation (Direct Acting)

Direct acting hydraulic lifts (1:1) with a single set of guide rails can offer quicker and simpler installation in some low-rise scenarios.

VVVF Option for Enhanced Ride

The inclusion of Variable Voltage Variable Frequency (VVVF) control can provide a smoother, quieter, and more energy-efficient ride compared to older hydraulic systems.

Why Choose Select HY

We recommend Select elevators for new homes of 6 floors and below.



Space saving

With a smaller headroom and pit, Float lifts maximise shaft space for bigger cabins.



Emergency failsafe

In the case of a power failure, a piston will safely lower you to the nearest level — no battery needed, which makes this lift a failsafe in any occasion.



Durable and long-lasting

With high quality components and less moving parts, only the piston seal need to be replaced on an occasional basis.



Energy efficient

No power is used while the lift is descending or at rest.



Environmentally friendly

New technology motors use odourless, biodegradable eco-fluid instead of mineral oils.



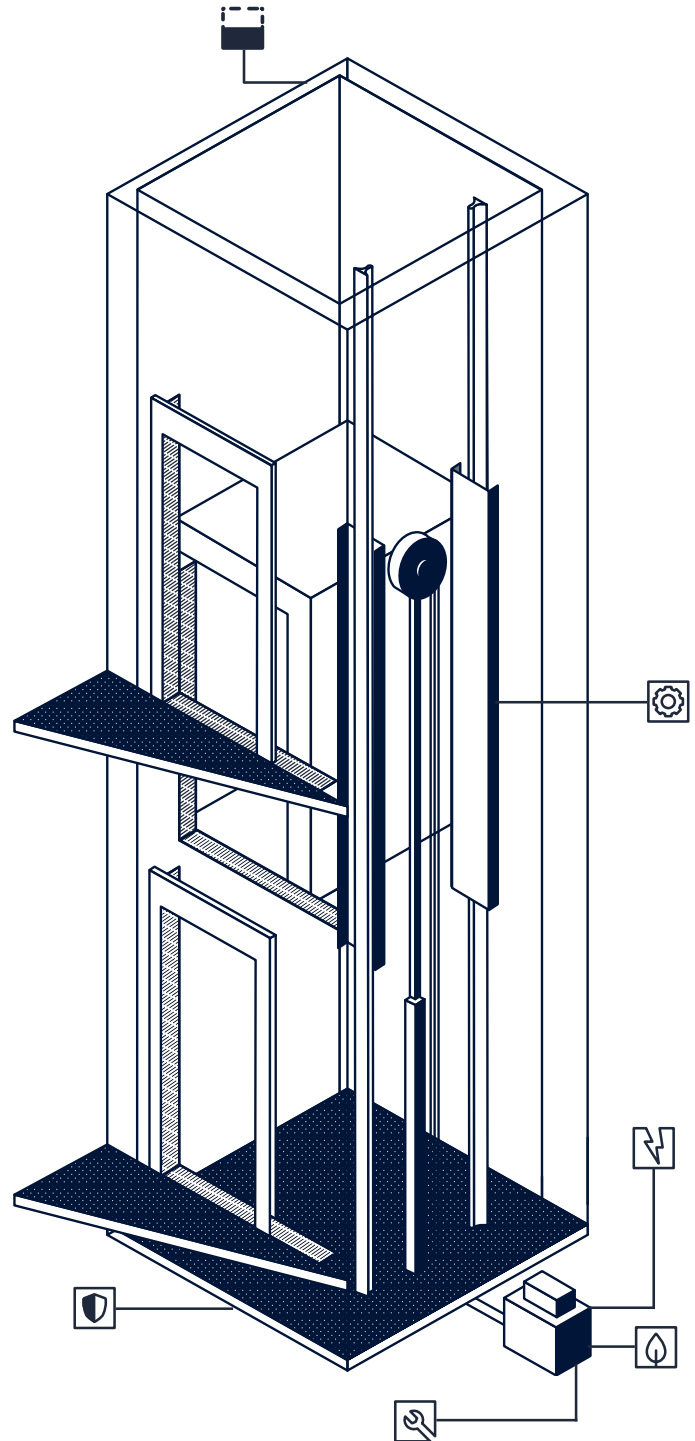
Easy one-stop maintenance

All equipment is housed in one convenient location — which means less time needed to service your lift.



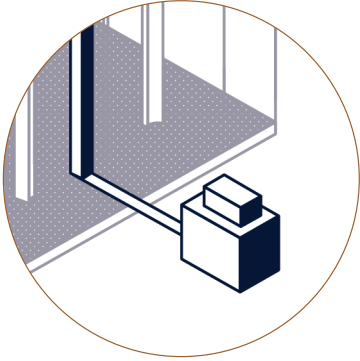
Piston-powered travel

Hydraulic elevators contain less ropes, pulleys, and moving parts making it easier to manage.



Quality Components

Trusted elevator systems that use quality components from our longterm partners — this is the Meyer promise that keeps our lifts running smoothly and safely day after day.



Hydraulic system

ALGI VVVF

Reliable high quality precision equipment, designed and manufactured in Germany by ALGI.

For over 80 years worldwide we have manufactured and supplied complete hydraulic elevator systems and components. We deliver modern equipment for the modern age of Hydraulics.

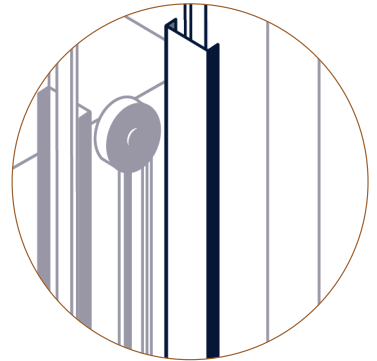
We believe that our VVF energy saving eco friendly equipment is the future of elevator systems.

Lift Positioning System

ELGO

The lift positioning system ensures safe and accurate landing of the lift. This system features safe and absolute position detection up to 260 metres, and houses all safety-relevant switching and control functions in one place. Using magnetic tape technology, this system is resistant to dirt and smoke.

- ✓ Up to 3 pairs of safety relays
- ✓ Up to 13 safe inputs for SIL3 compliant controller transfer
- ✓ CANopen interface (DS406) for car position and parameter transfer
- ✓ Scalable functional safety architecture (e.g. solution for EN81-A3 functionality with 2 safety relays)
- ✓ SIL3 type-examination tested (EU)
- ✓ Optional floor sensor



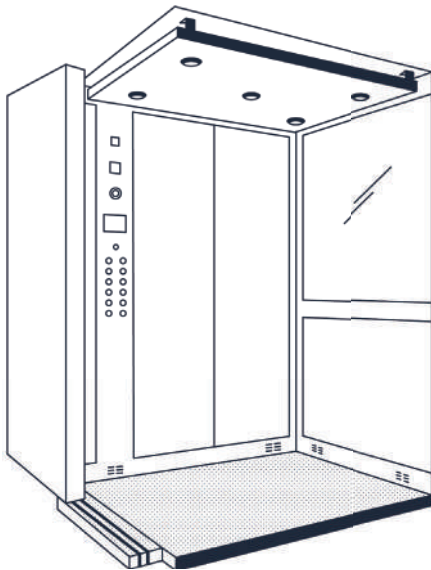
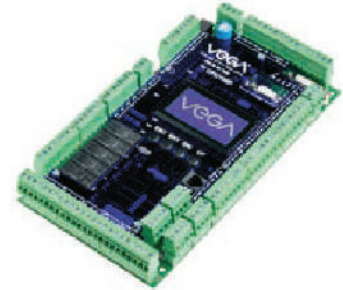
LOWER MAINTENANCE COSTS

Compared to a traditional traction type lift with many moving parts, the costs of maintaining components in a hydraulic lift such as the Select HY is much lower.

Controller

VEGA CPU100

- ✓ Lift operations types – Hold-to-Run, 1 single call plant, collective.
- ✓ Keypad – fixed with graphic display (128x64 pixel).
- ✓ Diagnostic – LEDs on board and messages on display for error alerts and board status and clock.
- ✓ FW update – By SD card.
- ✓ Programming – By local keypad, by PC both in local and remote.
- ✓ Remote monitoring – With Vega Cloud system via GSM data.
- ✓ VVVF Management – By digital or analog commands, CAN-BUS without additional expansions.



Door Systems

WITTUR

Our lift are supported by next generation technology from a partner who has been manufacturing doors for over 45 years. The high-efficiency brushless motors reduce energy consumption during operation, and produce reduced operating noise.

- ✓ Lifecycle in excess of 15 years
- ✓ Available in a wide range of finishes and claddings, including waterproof and full stainless steel
- ✓ 24 V emergency battery supply input
- ✓ 24 V supply output signal to light curtains
- ✓ Compliance with European Lift Directive EN 81-20/50, Technical Regulation TP TC 011/2011
- ✓ Energy certification VDI 4707-2

Light Curtains & Sensors

MEMCO

The automatic light curtain provides a passenger protection through its safety detection system that indicates opening and closing of doors. Additionally, the safety measures help to reduce door damage and to test and detect system faults.

- ✓ 2D and 3D detector models available
- ✓ Coloured red/green indicators to highlight door movement
- ✓ Dense infra-red 154 beam light curtain
- ✓ Suitable for centre-opening and side-opening doors
- ✓ Optional sound detection

Technical Features

Made
In Italy

Feature

How does this improve your lift?

SAFETY

Automatic Rescue Device (ARD)

Back up battery for the lift in case of power failure to bring you to the closest landing

Uninterrupted Power Source (UPS)

Back up battery for the lights and fan in case of power failure

Additional Mechanical Door Locks

Ensures safety of passengers during travel

Automatic Releveling Device

Ensures every floor is level with your cabin

Encoder for precision levelling

Accuracy in level

Safety Light Curtains with 200 multi-beams

Safety against injury for door closing

Emergency Car and Fan operation

In case of breakdown, passengers stay calm

Overload Detection System

Prevents abuse of lift usage

Automatic Phone Dialer

Hold the alarm button for 5 seconds and we will be on our way

Fire rated Landing Door (optional)

Fire lift Homing (optional)

Fireman Operation (optional)

Evacuation Mode (optional)

Based on code or building regulations

CONVENIENCE

Pre-opening of doors upon landing

No wasting time — just before your lift reaches the level, the door opens

Soft Starter for reduced Current loading

Reduced power requirements

Cool fan blower with perforated ventilation slots on ceiling

Stay cool while in the cabin

Car gong and indicator voice synthesizer (optional)

Visual and hearing aids

Landing Indicators (optional)

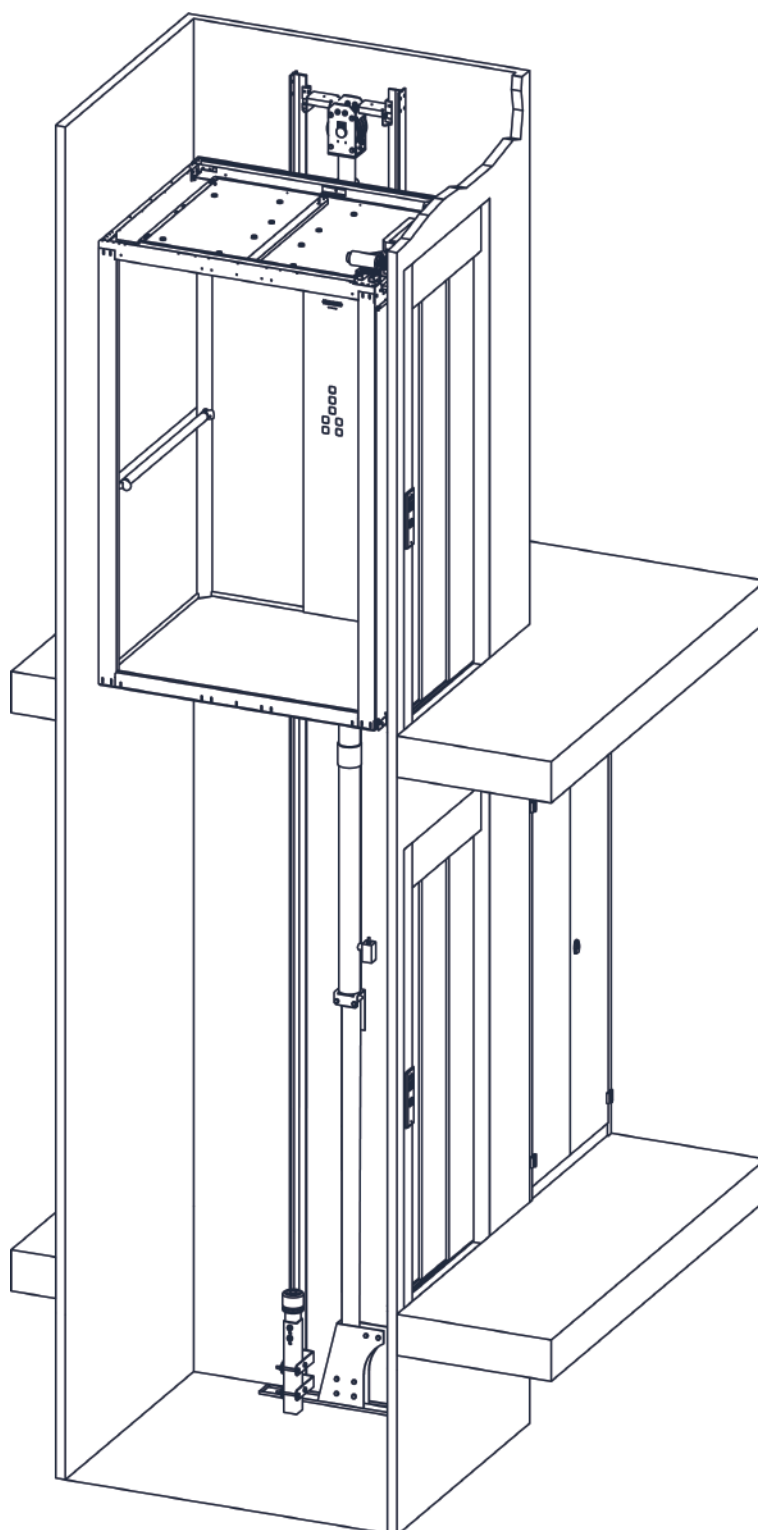
For non-glass lifts, this helps to know which floor your lift is on

TFT Displays (optional)

New technology of digital display

TECHNICAL SPECIFICATIONS

Hydraulic Lift



TECHNICAL FEATURES

Hydraulic Lift

Technical Details

Compliance Standards	EN 81-20:2014, EN 81-50:2014, and SS 550:2020
Rated load up to (kg)	300 - 2500
Max travel (m)	24
Max number of stops	9
Speed m/s	0.6 - 1.0
Entrances	1, 2
Power supply	400 Volts three phase / 50Hz
Machinery	Direct 1:1 or Indirect 2:1, central or lateral acting piston design
Drive system	2 Speed or VVVF
Controller	In a cabinet
Std distance between guide brackets (mm)	1500
Frame	Rucksack
Ropes	Steel
Standard pit (mm)	900
Standard headroom (mm)	3200

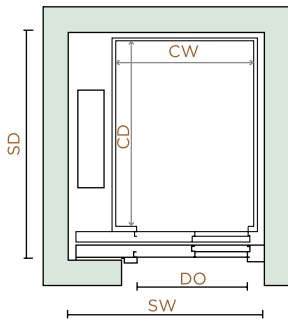
TECHNICAL SPECIFICATIONS

HY / Automatic Doors 2 Panels

All dimensions are in (mm)

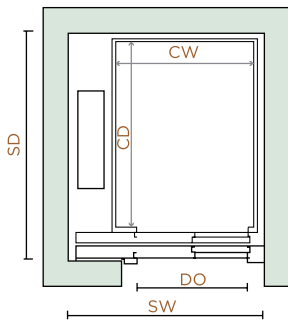
CW Cabin Width	CD Cabin Depth	DO Door Opening	SW Shaft Width	SD Shaft Depth
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ONE ENTRANCE SIDE FRAME



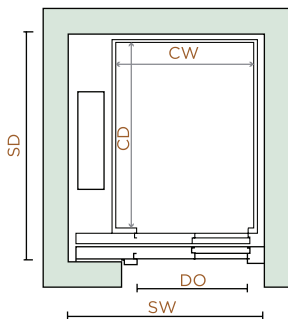
Load (KG)	300	450	640	900	1275	2000
Per.	4	6	8	12	17	26
CW	900	1050	1200	1460	1470	2000
CD	1000	1250	1400	1500	2000	2100
DO	750	800	900	1000	1100	1200
SW	1350	1550	1700	1960	1970	2500
SD	1400	1600	1800	1900	2400	2500

TWO OPPOSITE ENTRANCES



Load (KG)	300	450	640	900	1275	2000
Per.	4	6	8	12	17	26
CW	900	1050	1200	1460	1470	2000
CD	1000	1250	1400	1500	2000	2100
DO	750	800	900	1000	1100	1200
SW	1350	1550	1700	1960	1970	2500
SD	1590	1790	1940	2040	2540	2640

TWO ADJACENT ENTRANCES



Load (KG)	300	450	640	900	1275	2000
Per.	4	6	8	12	17	26
CW	900	1050	1200	1460	1470	2000
CD	1000	1250	1400	1500	2000	2100
DO	700	800	900	1000	1100	1200
SW	1450	1650	1800	2060	2070	2600
SD	1400	1600	1800	1900	2400	2500



MEYER

Lift Innovation

Elevating Spaces, Redefining Vertical Transportation



Cartier | ION Shopping Mall

LIFT MODEL

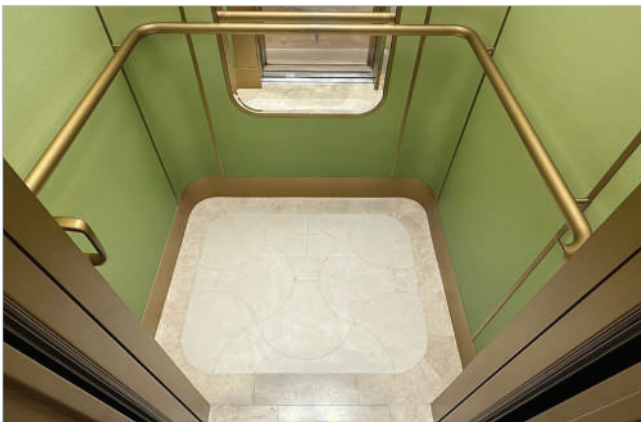
Select HY

YEAR

2020

Our initial collaboration with a luxury retailer at ION, with D.P.J & Partners, demanded the execution of a challenging vision: a fully fire-rated glass elevator, enveloped in gold stainless steel. The specification of 30mm fire-rated glass, combined with mirror finishes, minimized the visual weight of the steel profiles, creating a captivating focal point.





Cartier | Ngee Ann City Shopping Mall

LIFT MODEL	SELECT HY	YEAR	2024
Select TR			

Building upon our successful collaboration with Cartier, this project presented distinct challenges, requiring the delivery of two tailored systems. One wing featured a hydraulic platform lift, engineered for a mere 200mm pit depth, facilitating a seamless and conventional lift experience.



Louis Vuitton | ION Shopping Mall

LIFT MODEL

Select TR

YEAR

2020

In Singapore, we distinguish ourselves by our capacity to deliver exceptional glass elevators. Whether framed or frameless, bolt-fixed, with custom cabins and doors, we offer unparalleled versatility. This project, retrofitting a glass elevator into an existing stairwell void, exemplifies our comprehensive service provision, encompassing submissions, building, structural, and lift works.





Private Residential | Begonia Road

LIFT MODEL	SELECT TR	YEAR	2022
To meet the demanding specifications of our client, we integrated a stunning architectural element: a backlit LED wall that beautifully showcases our Select TR glass lift system within the staircase. This system, known for its 1m/s travel speed and high-performance components, was designed to blend seamlessly with the surrounding architecture.			

Apple | Marina Bay Sands

LIFT MODEL

Select HY

YEAR

2020

This landmark project, our inaugural collaboration with Foster + Partners, provided invaluable insight into industry-leading standards. We conducted extensive and meticulous inspections and factory visits to ensure flawless execution. The hydraulic system is a sophisticated 1:1 direct central acting design, featuring a German telescopic cylinder and inverter.





Private Residential | Jalan Novena Utara

LIFT MODEL

Select HY

YEAR

2024

Inspired by the architectural elegance of the Loro Piana store on Milan's Montenapoleone, this client challenged us to create a lift system with hidden mechanical components. We responded by crafting a custom car frame with an extended base, allowing for the integration of all driving mechanisms within the lift shaft walls, concealed behind sleek bronze stainless steel panels.



Private Residential | Palm Drive

LIFT MODEL

Select HY

YEAR

2015

This project is an example of our company's technical ingenuity and innovation. The collaboration commenced with a client's specific vision: a replication of an elevator observed in Brazil. They sought a completely open, shaftless elevator within their home's central void.



Royal Plaza Hotel | Scotts Road

LIFT MODEL

Select HY

YEAR

2015

In 2014, we undertook our inaugural commercial project, a landmark site on Scotts Road adjacent to Orchard Road. This collaboration with Aedas, a prominent regional architectural firm, marked a significant milestone in our company's growth. Despite being only five years into the elevator industry, we delivered a technically demanding frameless glass elevator.

A Commitment to Excellence

Our commitment to excellence is evident in every aspect of our business:

01 | Design

Our experienced design team collaborates closely with architects and interior designers to create elevator solutions that seamlessly integrate with your building's aesthetics and functionality.

02 | Installation

Our skilled technicians execute precise and efficient installations, minimising disruption to your operations.

03 | Engineering

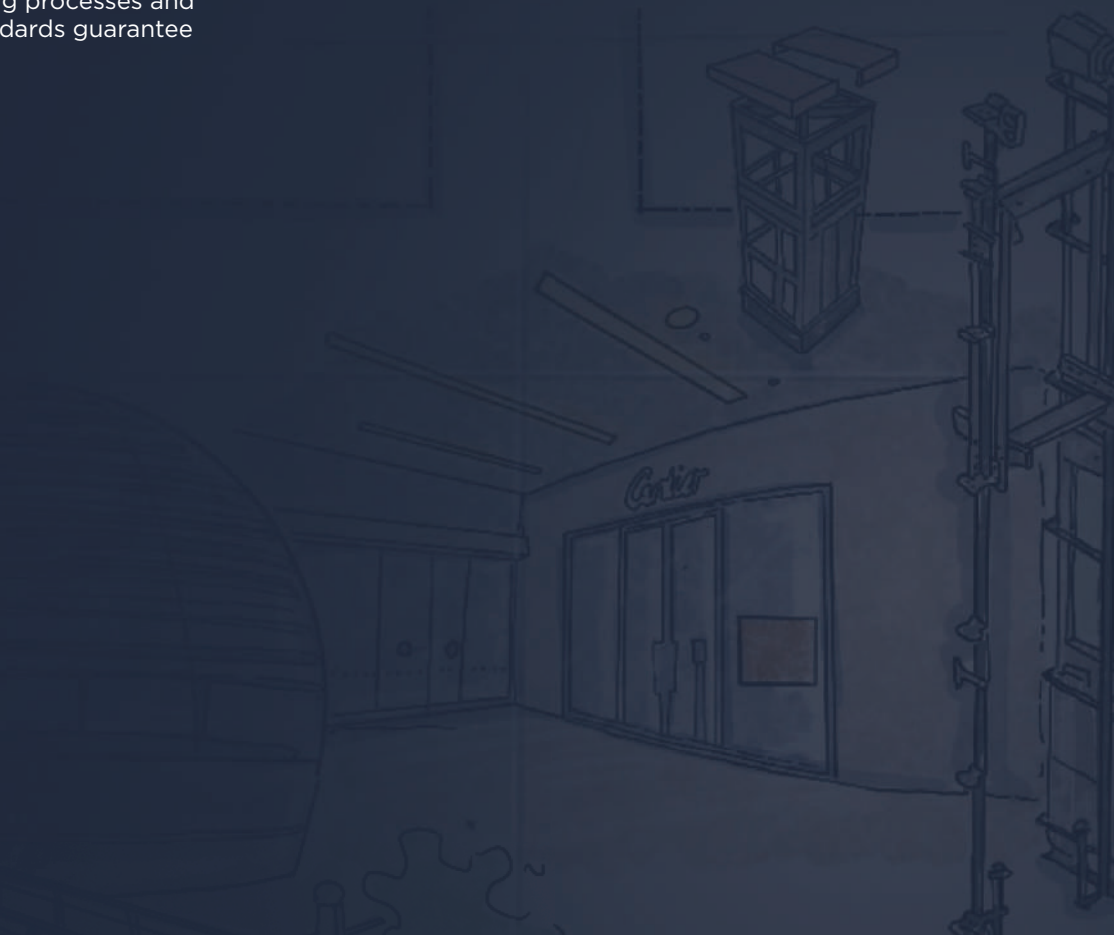
We utilise advanced engineering principles and state-of-the-art software to ensure optimal performance, safety, and energy efficiency.

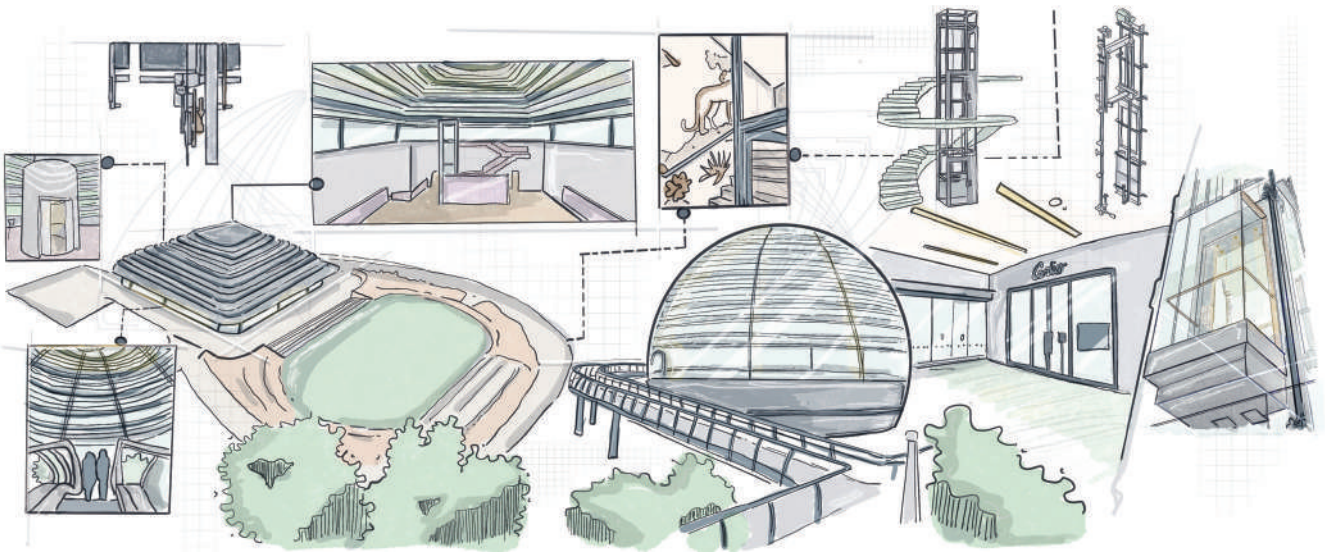
04 | Maintenance

Our comprehensive maintenance programs keep your elevators running smoothly and reliably, extending their lifespan.

05 | Manufacturing

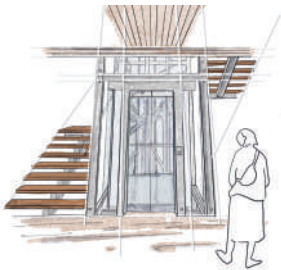
Our meticulous manufacturing processes and stringent quality control standards guarantee the highest quality products.





Meyer's Quality Assurance

Designed, built, and installed to your needs.



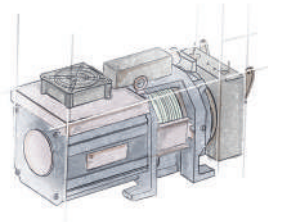
One-on-one consultation

Our experts will meet you in the showroom or on-site to understand your needs.



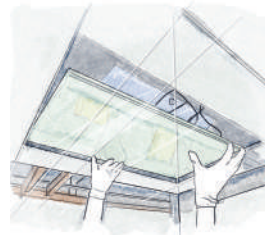
Customised design

Based on your needs, our studio in Italy will recommend a best-fit solution



Quality materials

Our motors, cabins, and all moving components are sourced from quality manufacturers in Europe.



Professional installation

Assembled and installed on-site by an experienced team.



1 year guarantee

For an entire year, any service or repair needs will be covered under a Meyer warranty.



Meyer specialises in customised home and commercial elevator solutions.

Contact Us

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