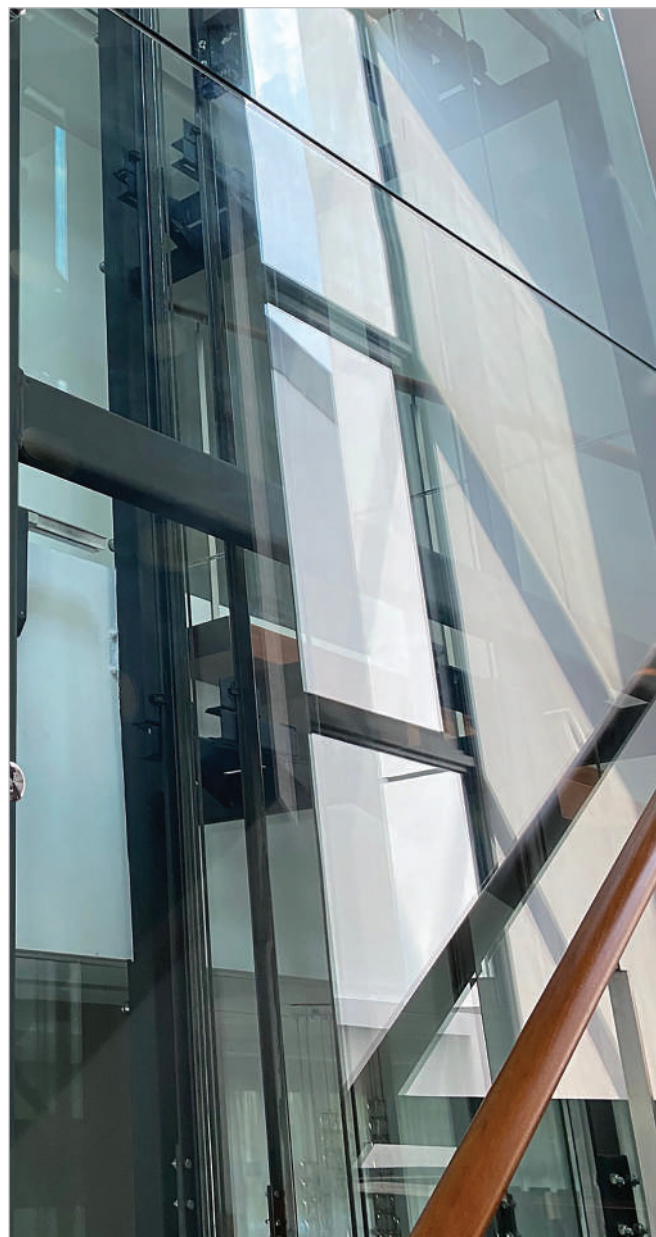




Select TR

Powerful Elevators
for Frequent Travel

MEYER

Committed to Integrity, Expertise and Quality

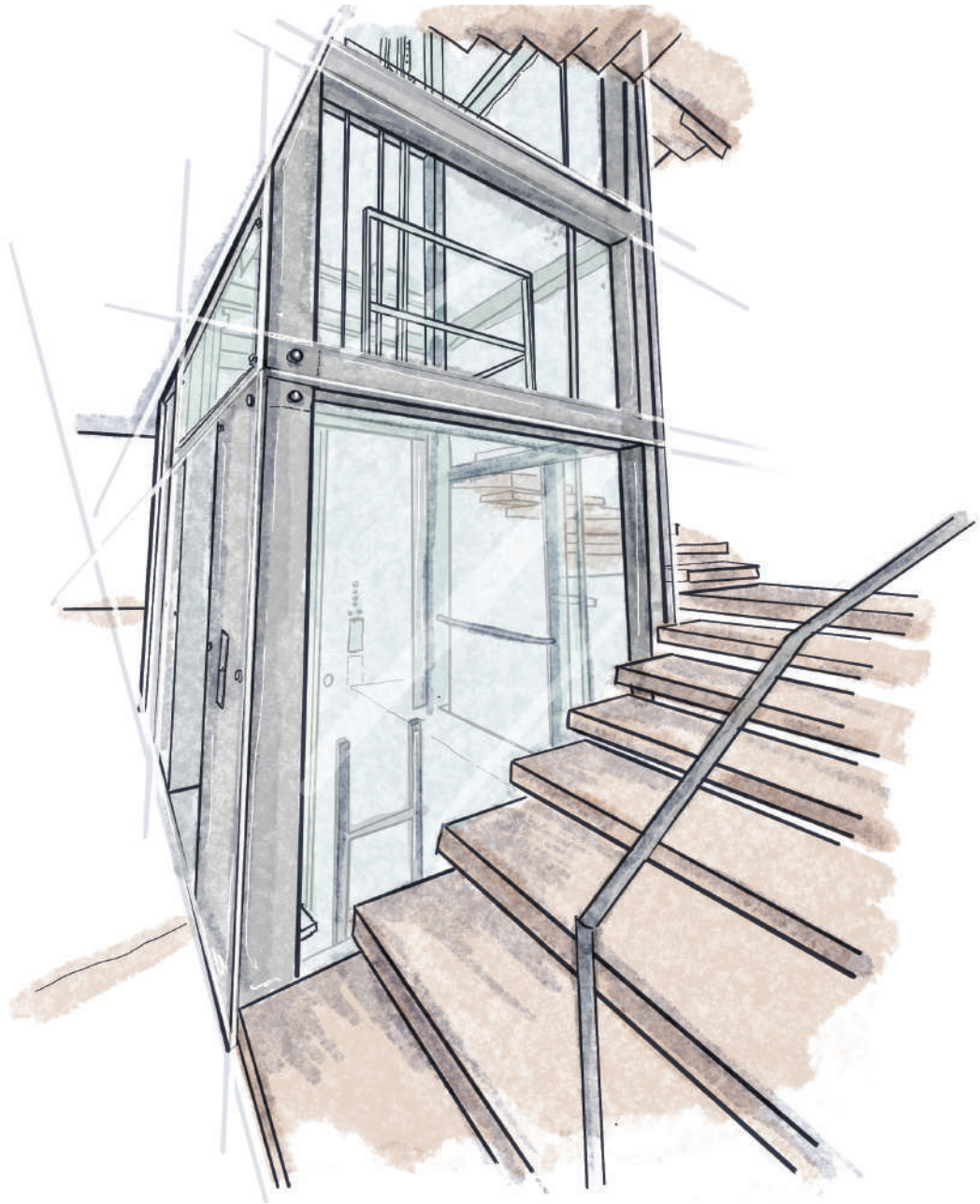
Meyer is the leading custom elevator expert in Singapore. We continue to offer an elevated selection of vertical transportation solutions, from sleek and stylish home elevators to high-performance commercial lifts.



Select Traction (TR) Lift

Speed and Precision

The Select Traction lift delivers high-speed performance and precise stopping. It's the perfect choice for buildings with multiple floors.



KEY FEATURES

High-Speed Operation

Reduces wait times and improves efficiency.

Smooth and Quiet Ride

Ensures a comfortable journey.

Advanced Safety Features

Prioritizes passenger safety and security.

Energy Efficient

Reduces energy consumption and operating costs.

Select TR

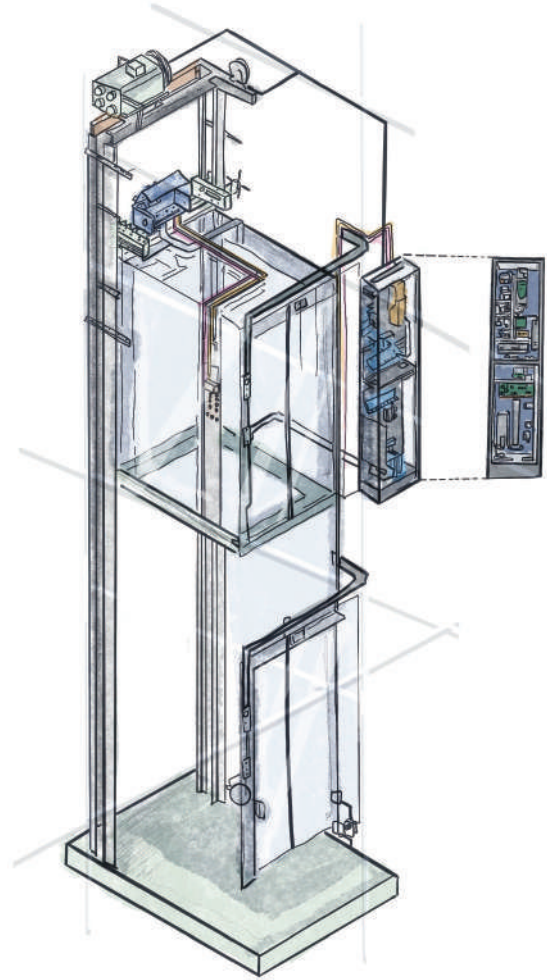
The Meyer Select Traction Lift stands as our premier choice for vertical transportation where speed, efficiency, and uncompromising performance are paramount. Engineered to deliver high-speed operation and precise stopping, this lift system is meticulously crafted for commercial and residential projects exceeding six storeys. It embodies a commitment to advanced engineering, ensuring a safe, smooth, and highly efficient journey that significantly reduces wait times and optimises building flow.

At the heart of the Select TR lies quality traction machinery and a greater load capacity, providing a powerful, reliable, and precise solution. The system's design prioritises energy efficiency, reducing operational costs through its advanced components and Variable Voltage Variable Frequency (VVVF) drive. With compliance to stringent standards including EN 81-20:2020, EN 81-50:2020, and SS 550:2020, the Select TR guarantees a secure and comfortable experience for passengers, making it the ideal choice for architects and developers seeking a top-tier traction lift solution.



Traction Lifts

Traction lifts, like our Select or Easy TR lifts are 2:1 Machine room less, cantilever or ring shape suspended lifts. The control and drive are situated in the neighbourhood of the well. The motor and traction sheave are mounted in the well on a machine frame, mounted on the guide rails. All the rope terminals and the speed governor are also mounted on the same machine frame. On the roof of the car is a deflection pulley mounted. Under the machine frame is the counterweight (50% balance) situated.



KEY FEATURES

High-Rise Capability

Well-suited for taller buildings due to the use of cables and counterweights, allowing for greater travel distances and higher speeds.

Energy Efficiency for Frequent Use

Gearless, machine-room-less (MRL) traction systems, where the machinery is in the vicinity of the well, can offer significant energy savings, especially with frequent use.

Higher Speeds

Generally capable of achieving faster travel speeds compared to hydraulic lifts, making them more efficient for buildings with significant vertical traffic.

Machine-Room-Less Design (MRL)

Eliminates the need for a dedicated machine room, saving valuable building space and offering architectural advantages.

Smooth and Frequent Travel

Gearless motors and advanced control systems ensure smooth acceleration and deceleration, providing a comfortable ride for frequent use.

Why Choose Select TR

We recommend Select Traction elevators for new buildings.



Powerful and Swift

A Meyer Select Traction lift will take you from your basement to attic landing in under 10 seconds. With speed from 1 to 1.6 meters per second, there's no time wasted at all.



Bump-free experience

You will experience almost no vibration or noise: Our sheaves, ropes, roller guides and counter weight frames are of good quality and well- tested, and the alternating current regulates frequency throughout the lift's journey, ensuring steady ascent and descent.



Energy Saving

By using inverter drives, our lifts attain up to 40% energy savings during frequent use without compromising the quality of your ride, as less current is drawn during acceleration and deceleration.



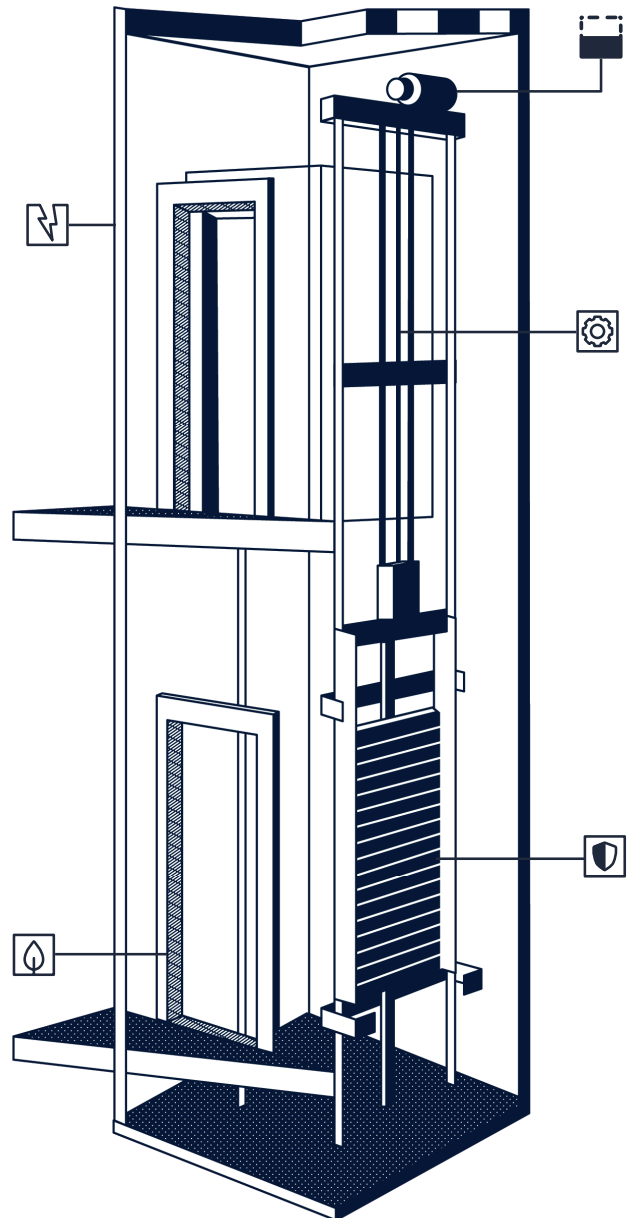
Space-efficient

As the lift control panel can be housed within lift shaft walls or mounted on the wall, it occupies minimal space, and no separate machine rooms are required.



Smooth control and accurate landing

The landing accuracy of Meyer Select Traction lifts is within 3mm — the variable speed drives allow for greater control over deceleration and acceleration.



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.



Gearless Traction Motor

SASSI

Our traction motors are high quality and made only in Italy. They consist of a motor, brake, and traction sheave, with an aluminium body equipped with cooling fins to release heat easily and quickly.

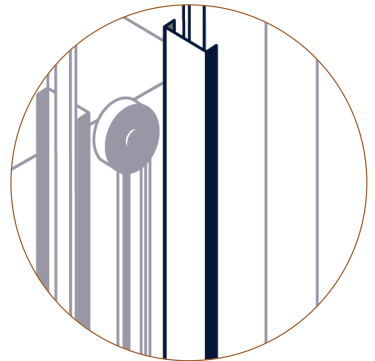
- ✓ Maximum Load: 2500 KG
- ✓ Car speed: Up to 2.5 m/s.
- ✓ Dimensions: Length 726mm; max total weight 200kg (T2).
- ✓ DF type brake with 1 or 2 discs according to required braking torque
- ✓ Brake voltage: 48 to 230v DC
- ✓ Suitable for use in both single-phase (220/230) or three-phase (400/380).
- ✓ Optional: Anti jump bar for sheave device in accordance with EN81-20

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



Inverter Drive

CONTROL TECHNIQUES

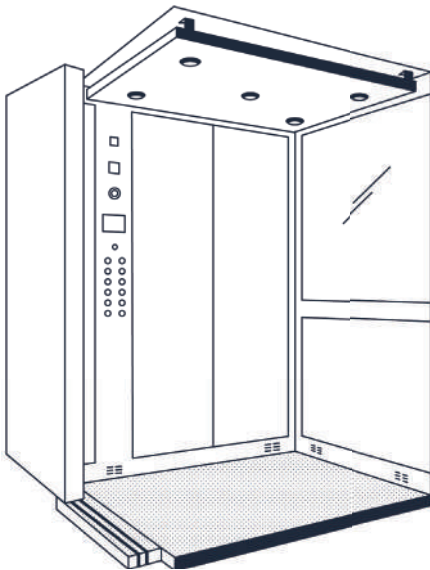
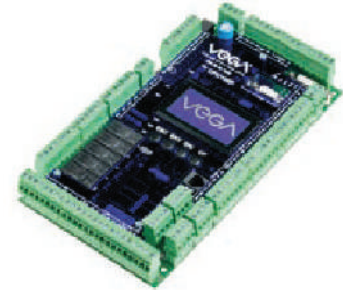
Our frequency inverter drives are made by a manufacturer with over 20 years of experience. The drive is user-friendly and fully programmable, offering a modular configuration with load-independent floor levelling.

- ✓ Elevator-specific parameter menu
- ✓ Digital outputs for brakes and contactors
- ✓ UPS: Elevator operation for emergency evacuations
- ✓ Main contactor and brake release check
- ✓ Internal profile generation

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

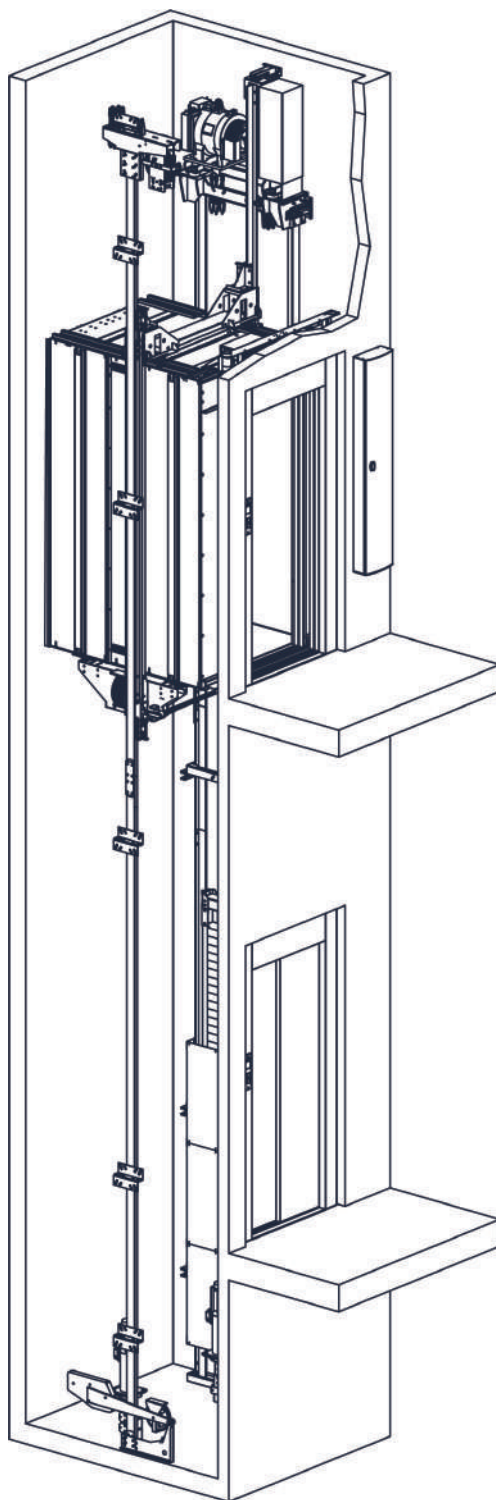
Technical Features

Made
In Italy

Feature	How does this improve your lift?
S A F E T Y	
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
C O N V E N I E N C E	
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

Gearless Traction Lift



TECHNICAL FEATURES

Gearless Traction Lift

Technical Details

Compliance Standards	EN 81-20:2020, EN 81-50:2020, and SS 550 : 2020
Rated load up to (kg)	300 - 2500
Max travel (m)	40
Max number of stops	10
Speed m/s	1 - 1.6
Entrances	1, 2
Power supply	400 Volts three phase / 50Hz
Machinery	2:1, or 4:1 Ratio Gearless Motor
Drive system	VVVF
Controller	In a cabinet
Std distance between guide brackets (mm)	1500
Frame	Rucksack or Ring Shape
Ropes	Steel
Standard pit (mm)	1200
Standard headroom (mm)	3800

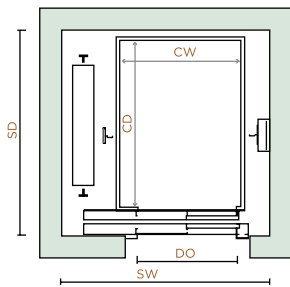
TECHNICAL SPECIFICATIONS

TR / Ring Frame

All dimensions are in (mm)

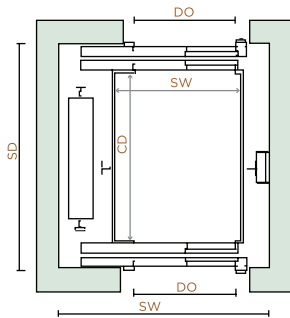
CW Cabin Width	CD Cabin Depth	DO Door Opening	SW Shaft Width	SD Shaft Depth
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ONE ENTRANCE RING FRAME



Load (KG)	300	450	640	900	1275	2000
Per.	-	-	8	12	17	26
CW	-	-	1200	1460	1470	2000
CD	-	-	1400	1500	2000	2100
DO	-	-	900	1000	1100	1200
SW	-	-	1900	2160	2170	2700
SD	-	-	1800	1900	2400	2500

TWO OPPOSITE ENTRANCES



Load (KG)	300	450	640	900	1275	2000
Per.	-	-	8	12	17	26
CW	-	-	1200	1460	1470	2000
CD	-	-	1400	1500	2000	2100
DO	-	-	900	1000	1100	1200
SW	-	-	1900	1960	1970	1470
SD	-	-	1800	1900	2400	2500

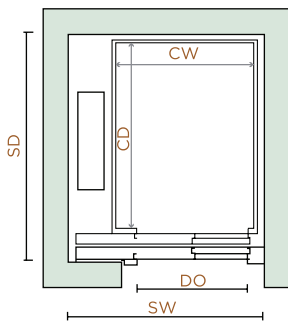
TECHNICAL SPECIFICATIONS

TR / Side Frame

All dimensions are in (mm)

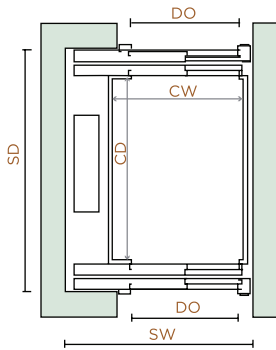
CW Cabin Width	CD Cabin Depth	DO Door Opening	SW Shaft Width	SD Shaft Depth
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ONE ENTRANCE SIDE FRAME



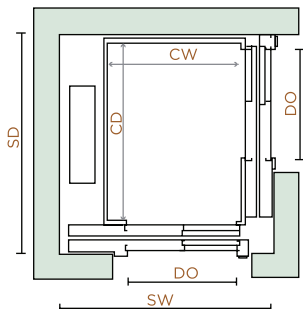
Load (KG)	300	450	640	900	1275	2000
Per.	4	6	8	12	17	-
CW	900	1050	1200	1460	1470	-
CD	1000	1250	1400	1500	2000	-
DO	750	800	900	1000	1100	-
SW	1450	1600	1800	2060	2070	-
SD	1400	1600	1800	1900	2400	-

TWO OPPOSITE ENTRANCES



Load (KG)	300	450	640	900	1275	2000
Per.	4	6	8	12	17	-
CW	900	1050	1200	1460	1470	-
CD	1000	1250	1400	1500	2000	-
DO	750	800	900	1000	1100	-
SW	1450	1600	1800	2060	2070	-
SD	1590	1790	1940	2040	2540	-

2 ADJACENT ENTRANCES



Load (KG)	300	450	640	900	1275	2000
Per.	4	6	8	12	17	-
CW	900	1050	1200	1460	1470	-
CD	1000	1250	1400	1500	2000	-
DO	750	800	900	1000	1100	-
SW	1550	1700	1900	2160	2170	-
SD	1400	1600	1800	1900	2400	-

MEYER

Lift Innovation

Elevating Spaces, Redefining Vertical Transportation



Cartier | ION Shopping Mall

LIFT MODEL

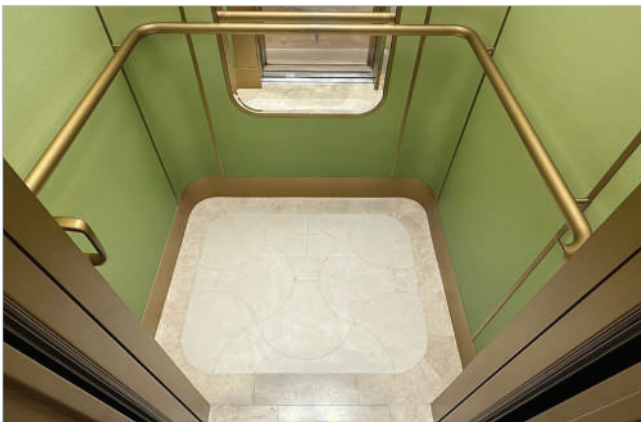
Select HY

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 TR	YEAR	2024

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.			

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.

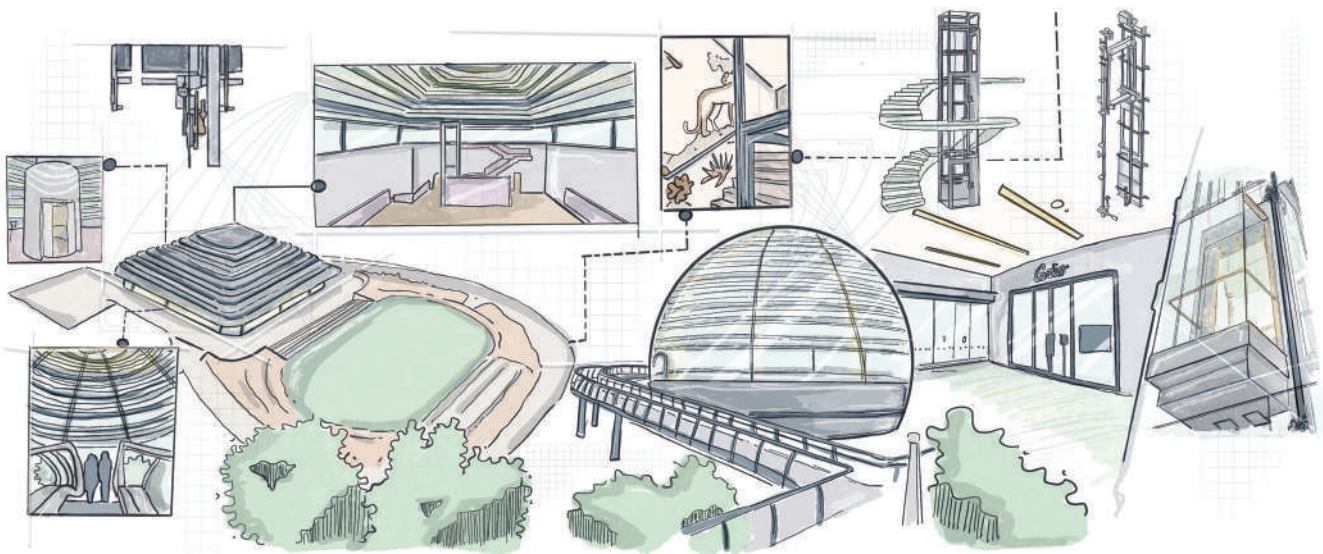
04 | Maintenance

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.



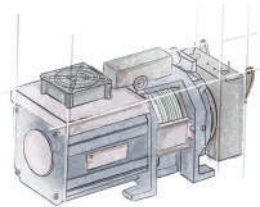
One-on-one consultation

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



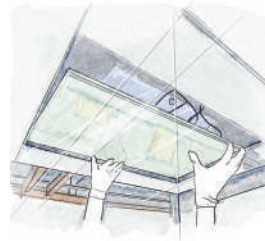
Customised design

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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