

Elevator Technology

thyssenkrupp Elevator Hong Kong

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engineering.tomorrow.together.

Elevator Technology

GL

Proven MR Performance



thyssenkrupp



thyssenkrupp moves people – the future of urban mobility.

In 40 short years, we've become one of the world's leading elevator companies with unique engineering capabilities, offering next-generation solutions like MULTI, the ropeless elevator, ACCEL, an accelerated people mover, and MAX, a cloud-based predictive maintenance service. Whether building a new state-of-the-art system or optimizing and modernizing existing ones, our solutions deliver crucial energy and time efficiencies, helping to address the challenges of urbanization and transform cities into the best places to live.



Sales of
€ 7.5 billion

50,000+
employees

A trusted partner

We support our customers throughout their project lifecycle, from the design to the end-of-life phase. Every step of the way, we strive to fully understand their needs and consistently deliver the safest, highest quality passenger transportation solutions, maintenance and modernization packages.

Through our internal technical support function, ITS (International Technical Services), thyssenkrupp trains its service technicians in a multibrand portfolio, enabling them to successfully service more than 1.2 million units under maintenance.

thyssenkrupp – the diversified industrial group

engineering.tomorrow.together – three words that describe who we are, what we do, and how we do it. Driven by global megatrends such as urbanization and the need for efficient use of environmental resources, our global community of more than 150,000 colleagues works together with our customers to harness our engineering expertise and strive for technological and business solutions that satisfy the demand for “more” in a “better” way.

Find out more: www.thyssenkrupp.com



One World Trade Center



Makkah Clock Tower / Source © SL Rasch

We provide smart and innovative products for a wide variety of applications:

- Passenger and freight elevators
- Escalators and moving walks
- Passenger boarding bridges
- Stair and platform lifts
- Customized service and modernization solutions



Mercedes Benz



thyssenkrupp Quartier

engineering.
tomorrow.
together.

thyssenkrupp Elevator Hong Kong

Established in 2003, thyssenkrupp Elevator (Hong Kong) installs, maintains and modernizes elevators and escalators in Hong Kong. We have a strong presence in various segments, such as residential, hospital and infrastructure. We are committed to working together to make cities the best places to live.





GL

Proven MR performance

Engineered to its high performance, GL is suited for mid-rise and high-end residential and commercial buildings. Ride comfort is ensured by sturdy car design, use of noise-reducing materials from moving components, and high precision motor system that results in smooth braking and accurate levelling.

Designed for

- Commercial buildings
- Mid-rise residential buildings

Specification

- Max. travel height: ≤150m
- Max. number of floors: ≤32
- Rated speed: ≤3.0m/s
- Rated load: ≤1600kg
- Group control: 8

Proven MR performance



Ride comfort

Sturdy car design, use of noise-reducing materials, and high precision motor system guarantee ride comfort.



Safe and reliable

Stringent product design based on thyssenkrupp German standards ensures highest degree of passenger safety.



Comfort and aesthetic design

Embrace aesthetic car interior design and comfort.

Ride comfort



- **Independent suspension system effectively reduces noise and vibrations.**

High-performance device between the car and the bottom of the car frame reduces vibration.

Hard-wearing polymer guide shoe lining delivers a smooth ride and enhances passenger comfort.

- **Noise-reducing materials minimize noise from moving components.**

Plastic-coated (or fully plastic) compensating cable effectively reduces noise from impacts.

K/S series door system features a wide belt and large rollers to reduce door noise.

- **Precision VVVF frequency drive for smooth deceleration and acceleration.**

Patented variable-frequency drive manufactured using German technology delivers accurate CPI and vector control and greater torque at lower speeds.

Ensure levelling accuracy ($\pm 5\text{mm}$).

Cutting-edge MC series control system automatically maps elevator movement for greater efficiency and enhanced passenger comfort.

Safe and reliable



thyssenkrupp based on its stringent German product design and safety standards is a trusted brand in the industry. thyssenkrupp is committed to ensuring the highest degree of passenger safety.

- **Training**

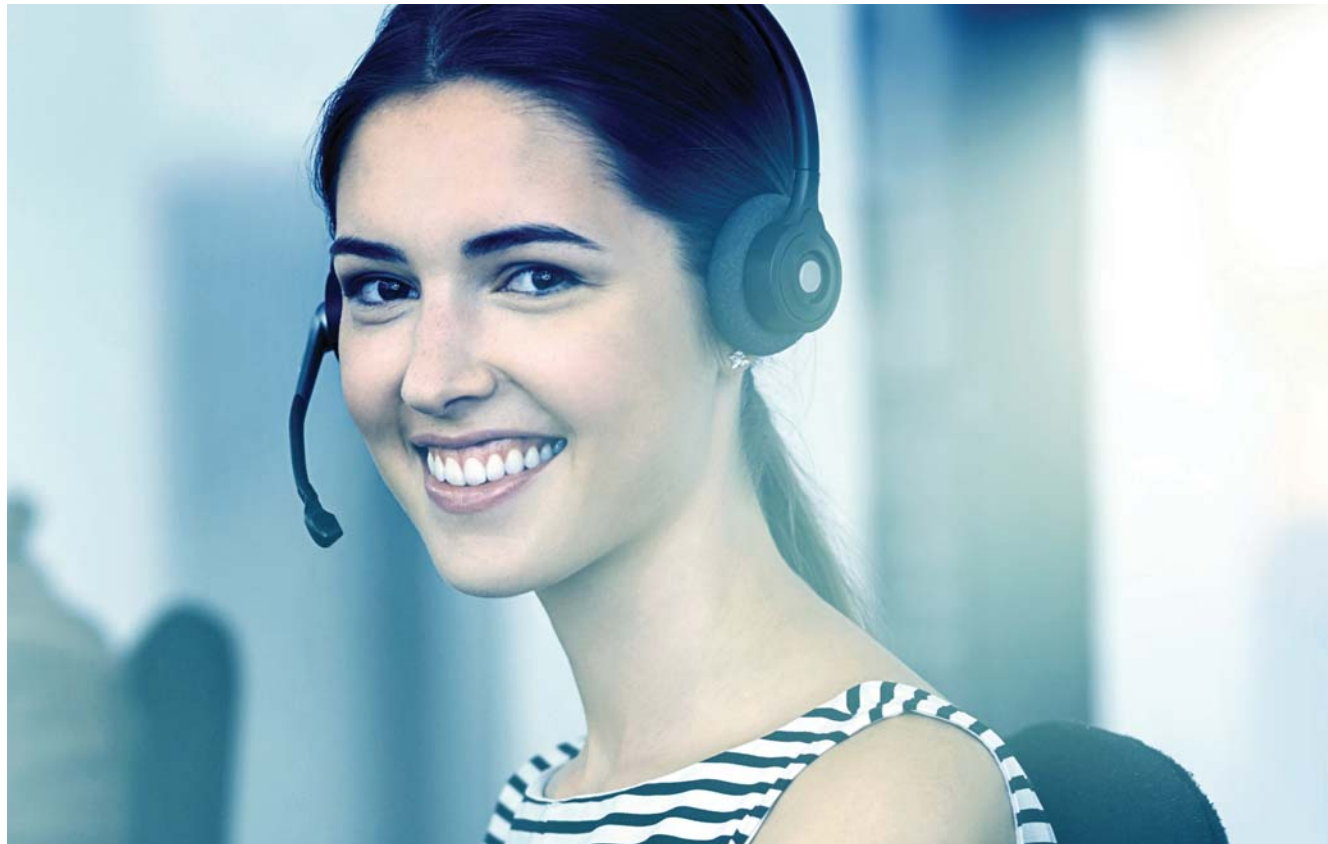
Our technicians are trained to work to the highest safety standards and adhere to stringent safety rules. thyssenkrupp's TEAMService and SEED Campus, the thyssenkrupp Elevator training institution, assure that our team is continuously and systematically trained to deliver the services you depend on.

- **Solutions**

Our unique field operations system, VIEW, stores every elevator's service history, enabling us to see the performance of the units in real time, and monitor the leading indicators that optimize equipment availability.

- **Design**

Stringent global product design standards and cutting-edge technology ensure the highest levels of passenger safety.



Installation

thyssenkrupp's reputation for customer-centric solutions has come about through our focus on providing solutions to design, select and install people transportation systems for a wide variety of buildings.

- **Systematic project management**

Utilize mobility devices to provide real-time project management and reporting to ensure timely installation.

- **Professional installation**

Utilize vigorous process to select installation teams. Staff are graded on 7 levels. Installation teams are regularly trained and put through stringent tests to qualify them on proven methodology.

- **Comprehensive quality control system**

In-process checks and quality assurance to ensure qualitative and safe installation

Service

At thyssenkrupp, we are consistently committed to responding to customers' requests in a highly responsive, punctual and timely manner. Driven by a global service strategy, our business operating model contributes to all aspects of customer service satisfaction.

We adopt a proactive approach to go beyond our customers' expectations by providing tailored-made solutions to meet their needs. We strive to protect your investment by delivering a systematic service program of which is smart, stress-free and systematic.

- **Prescriptive maintenance**

Offered through a variety of service agreements that insure a consistent, proactive, and predictable process which you can rely on. Our team is trained to eliminate maintenance problems.

- **Smart tools**

Our network of engineers is well-equipped with intelligent tools to keep passengers moving.

- **Skilled team**

Every engineer is very well-trained to deliver quality work on time.



Comfort and aesthetic design

GL embraces comfort and aesthetic.

Comfort and aesthetic throughout your building

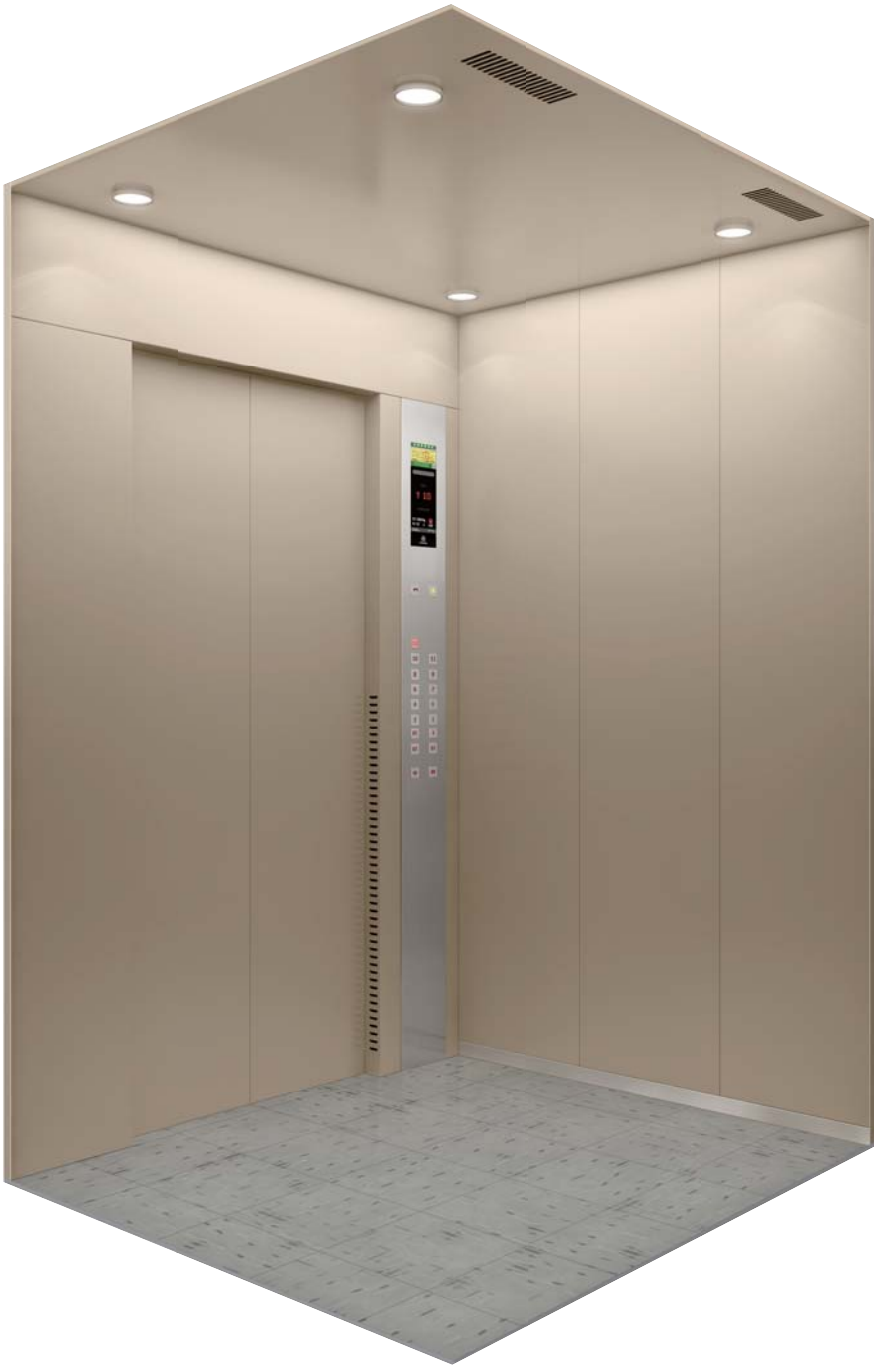
Designed for mid-to-high-end residential and commercial buildings, GL's inspiring car interiors are designed with the building segment in mind. The feeling of comfort will continue from the lobby interior, into the elevator and therefor throughout the entire building.

Car interior

CS1-GE

Standard

| | |
|------------|---|
| Ceiling | RF-CL1S (Powder coated steel - RAL1015) |
| Side Wall | Powder coated steel - RAL1015 |
| Rear Wall | Powder coated steel - RAL1015 |
| Front Wall | Powder coated steel - RAL1015 |
| Floor | PVC floor - TCD314 |
| Handrail | - |



Actual colours of the product may vary from the printed brochure.
The render is produced based on the specifications of the 1,000Kg load car,
thus the renderings of other specifications may vary from this one.

CS2-GE

Option

| | |
|------------|---|
| Ceiling | RF-CL1S (Powder coated steel - RAL7035) |
| Side Wall | Powder coated steel - RAL7035 |
| Rear Wall | Powder coated steel - RAL7035 |
| Front Wall | Powder coated steel - RAL7035 |
| Floor | PVC floor - CFL010 |
| Handrail | - |



Car interior

CS3-GE

Standard

| | |
|------------|---|
| Ceiling | RF-CL1S (Powder coated steel - RAL7035) |
| Side Wall | Hairline stainless steel |
| Rear Wall | Hairline stainless steel |
| Front Wall | Hairline stainless steel |
| Floor | PVC patterned - PF001 (TCD319, TCD314) |
| Handrail | - |



CS4-GE

Option

| | |
|------------|--|
| Ceiling | RF-CL1S (Powder coated steel - RAL7035) |
| Side Wall | Hairline stainless steel, mirror stainless steel |
| Rear Wall | Hairline stainless steel, mirror stainless steel |
| Front Wall | Hairline stainless steel |
| Floor | PVC patterned - PF001 (TCD319, TCD314) |
| Handrail | TSF08 - flat hairline stainless steel handrail |



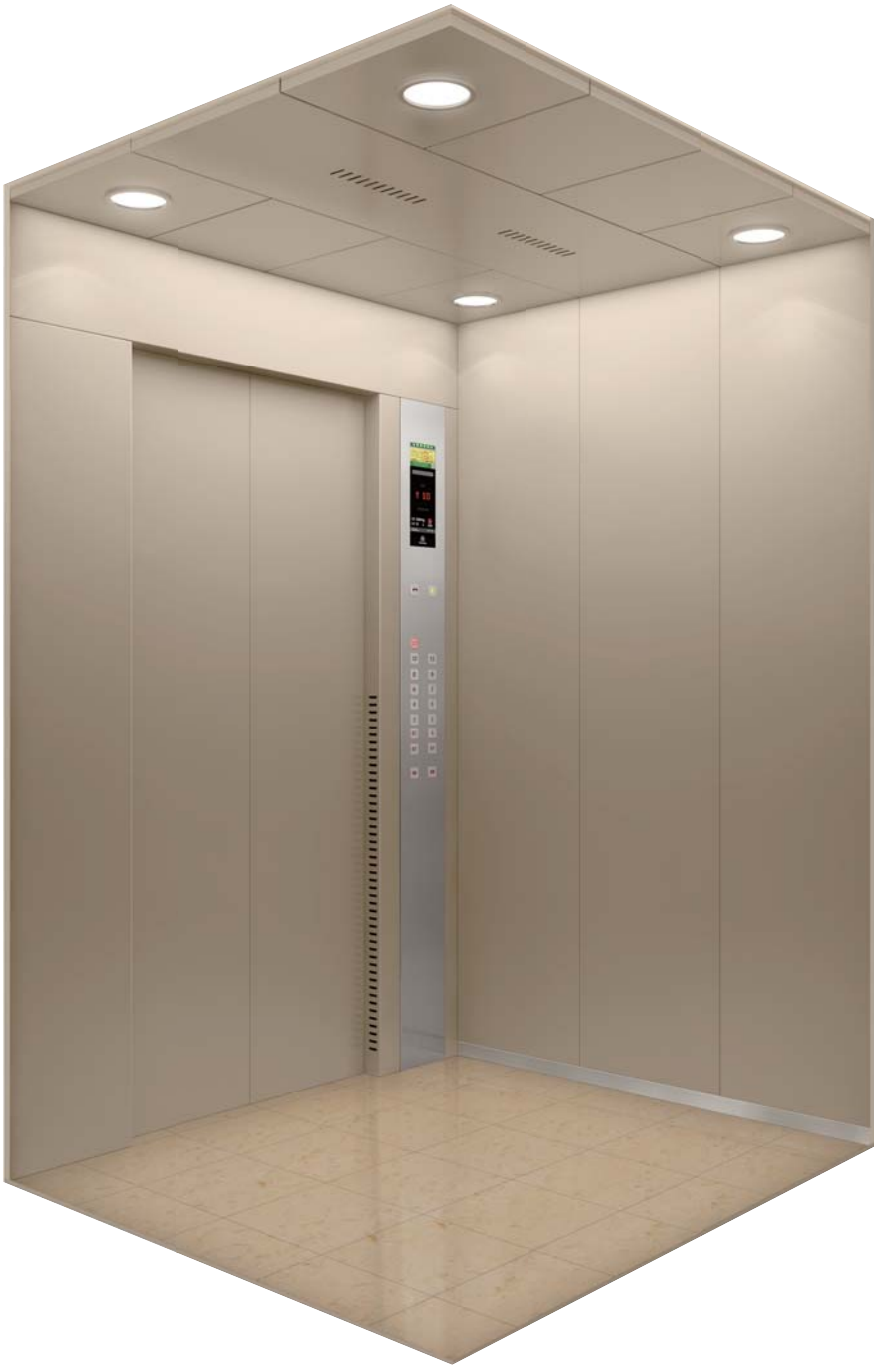
Actual colours of the product may vary from the printed brochure.
The render is produced based on the specifications of the 1,000Kg load car,
thus the renderings of other specifications may vary from this one.

Car interior

CL1-GE

Standard

| | |
|------------|---|
| Ceiling | Starlight (Powder coated steel - RAL1015) |
| Side Wall | Powder coated steel - RAL1015 |
| Rear Wall | Powder coated steel - RAL1015 |
| Front Wall | Powder coated steel - RAL1015 |
| Floor | PVC floor - CFL008 |
| Handrail | - |



CL2-GE

Option

| | |
|------------|---|
| Ceiling | Starlight (Powder coated steel - RAL7035) |
| Side Wall | Powder coated steel - RAL7035 mirror stainless steel |
| Rear Wall | Powder coated steel - RAL7035 mirror stainless steel |
| Front Wall | Powder coated steel - RAL7035 |
| Floor | PVC floor - CFL010 |
| Handrail | - |



Actual colours of the product may vary from the printed brochure.
The render is produced based on the specifications of the 1,000Kg load car,
thus the renderings of other specifications may vary from this one.

Car interior

CL3-GE

Standard

| | |
|------------|--|
| Ceiling | Starlight (Hairline stainless steel) |
| Side Wall | Hairline stainless steel |
| Rear Wall | Hairline stainless steel |
| Front Wall | Hairline stainless steel |
| Floor | PVC patterned - PF002 (CFL008, CFL006) |
| Handrail | - |



Actual colours of the product may vary from the printed brochure.
The render is produced based on the specifications of the 1,000Kg load car,
thus the renderings of other specifications may vary from this one.

CL4-GE

Option

| | |
|------------|--|
| Ceiling | Starlight (Hairline stainless steel) |
| Side Wall | Color-painted steel HK04 |
| Rear Wall | Mirror stainless steel, color-painted steel HK04 |
| Front Wall | Hairline stainless steel |
| Floor | PVC patterned - PF002 (CFL010, CFL006) |
| Handrail | TSF08 - flat hairline stainless steel handrail |

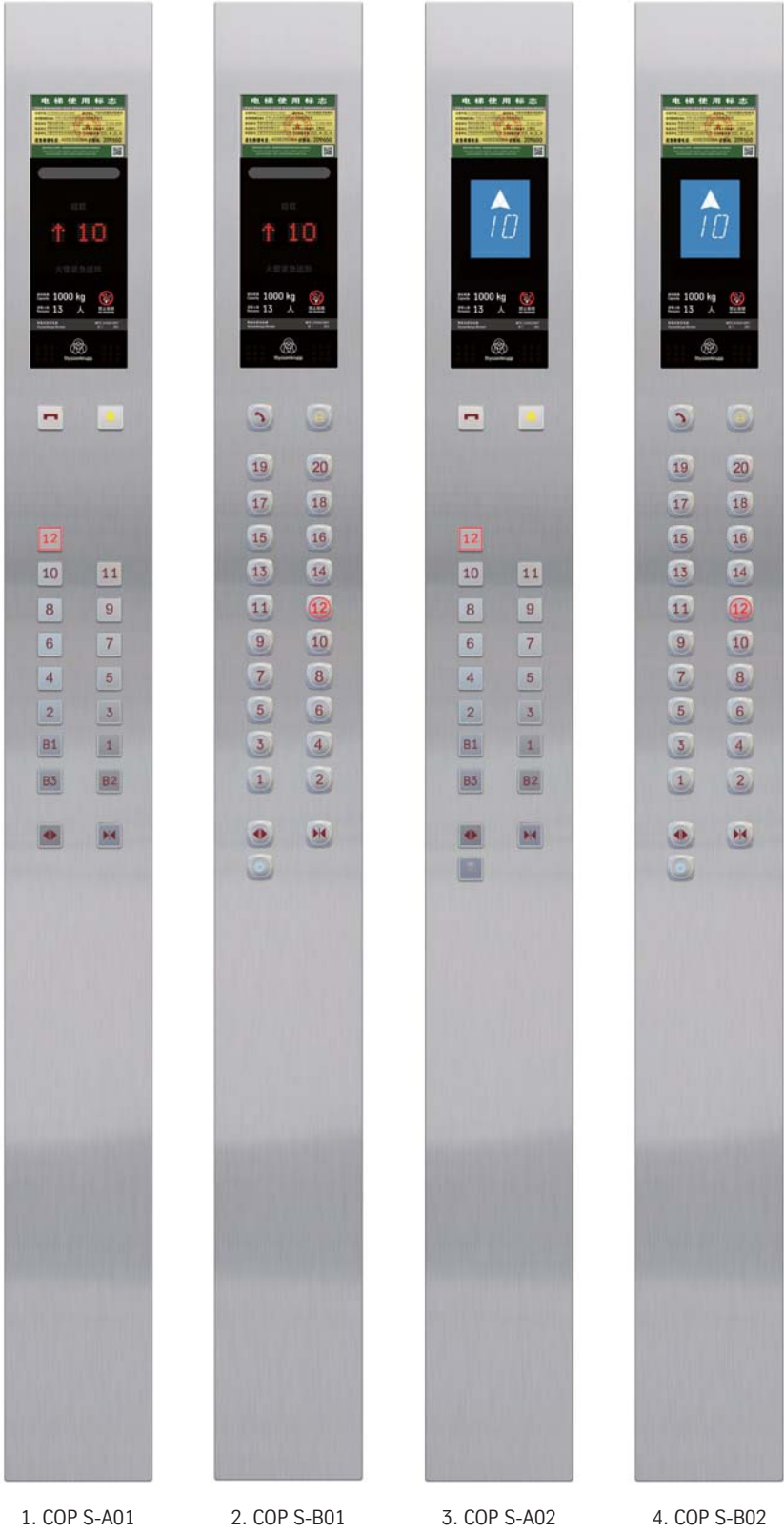


Back View



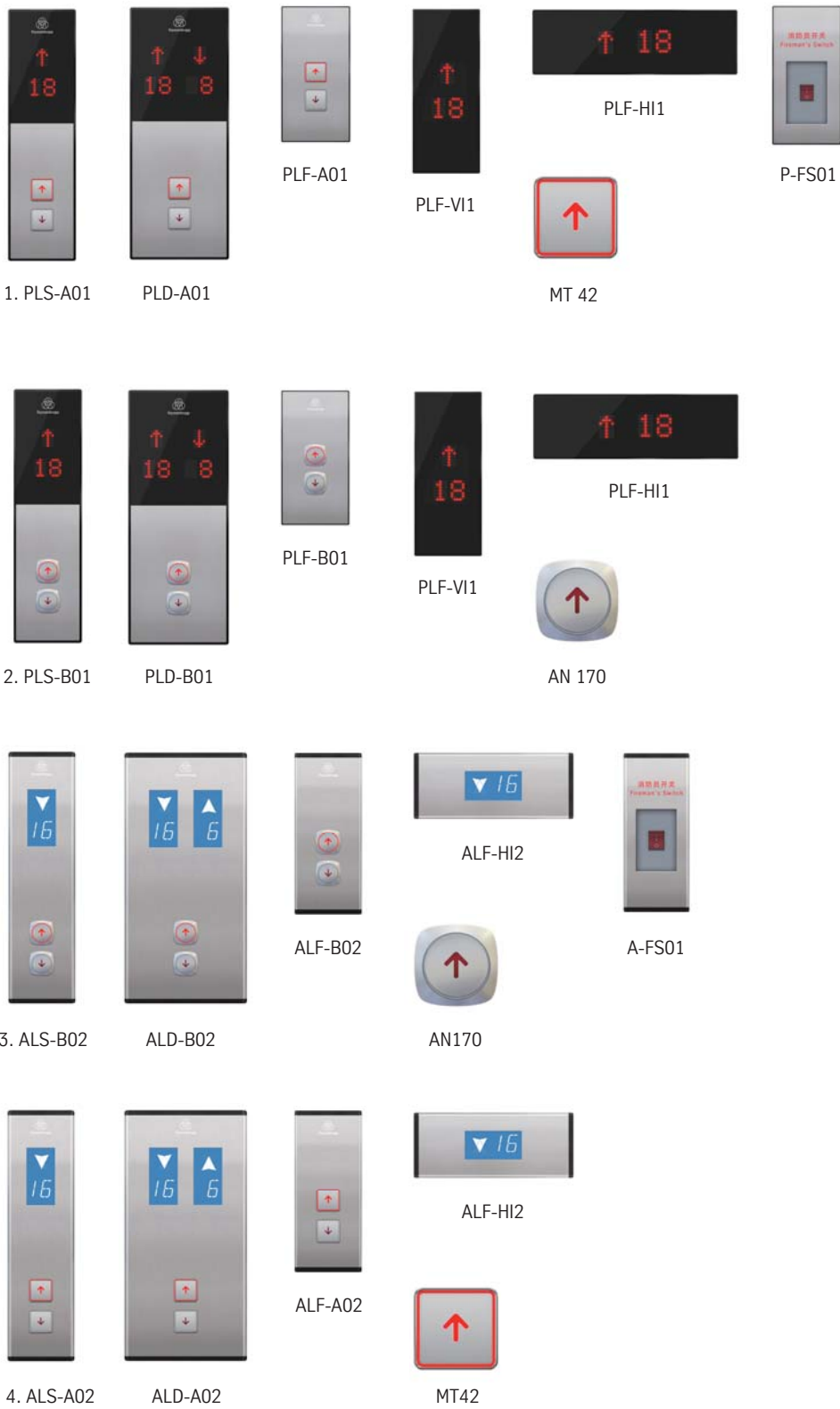
Car Operating Panel (COP)

| | |
|-----------|------------------------|
| Standard | 1 |
| Type | COP S-A01 |
| Indicator | Red dot matrix |
| Button | MT42 |
| Optional | 2 |
| Type | COP S-B01 |
| Indicator | Red dot matrix |
| Button | AN170 |
| Optional | 3 |
| Type | COP S-A02 |
| Indicator | Blue-white segment LCD |
| Button | MT42 |
| Optional | 4 |
| Type | COP S-B02 |
| Indicator | Blue-white segment LCD |
| Button | AN170 |



Landing operating panel (LOP)

| | |
|------------------|-----------------------------|
| Standard | 1 |
| Indicator | Red dot matrix |
| Button | MT42 |
| Firemen's switch | P-FS01 |
| Optional | 2 |
| Indicator | Red dot matrix |
| Button | AN170 |
| Optional | 3 |
| Indicator | 4.3" Blue-white segment LCD |
| Button | AN170 |
| Firemen's switch | A-FS01 |
| Optional | 4 |
| Indicator | 4.3" Blue-white segment LCD |
| Button | MT42 |



All thyssenkrupp products shipped on or after 1 October, 2016 will feature the new logo.
Products shipped before this date will continue to use the old logo.
Actual colours of the product may vary from the printed brochure.
Due to the differences of the floor configurations and functions, the design of the operating panel may differ slightly.

Function list

| TE-GL | | | |
|--------------------------------|-----|--|---------------------|
| Category | No. | Function | Standard / Optional |
| Enhanced Car Functions | 1 | Door reopen by following landing call at same landing | S |
| | 2 | Collective selective control | S |
| | 3 | Full-load non-stop | S |
| | 4 | Onward travel to the next stop in the case of a non-opening door | S |
| | 5 | Anti-nuisance"limit number of car call when empty load" | S |
| | 6 | Anti-nuisance "car call cancellation at terminal landing" | S |
| | 7 | Anti-nuisance "car call deletion opposite to travel direction" | S |
| | 8 | Adjustable waiting time for opening door at the main landing | S |
| | 9 | Adjustable speed and torque of door operator | S |
| | 10 | Re-leveling | S |
| | 11 | Energy saving operation for car light and fan | S |
| | 12 | Elevator start-up loading weighting compensation function | S |
| | 13 | In advance door open | O |
| | 14 | Changing fire landing | O |
| | 15 | Changing parking landing | O |
| | 16 | Changing main landing | O |
| | 17 | Main landing return | O |
| Safety and Emergency Functions | 18 | Landing to the nearest floor in case of problem (eg. motor overheat, car position missing) | S |
| | 19 | Fire emergency return (FER) | S |
| | 20 | Alarm button & Intercom button | S |
| | 21 | Emergency car lighting | S |
| | 22 | Overload protect | S |
| | 23 | Repeat door closing in the event of lock failure | S |
| | 24 | Safety curtain for door | S |
| | 25 | Door overload protect | S |
| | 26 | Parking (by key switch) | S |
| | 27 | Phase failure and phase reversal protection | S |
| | 28 | Lockable main switch integrated for controller cabinet | S |
| | 29 | Emergency electrical operation | S |
| | 30 | Inspection operation | S |
| | 31 | Traction machine overheat supervision | S |
| | 32 | Traction machine skidding protection | S |
| | 33 | Prepared fire emergency return signal | S |
| | 34 | Prevent unintended movement of elevator cab | S |

Note: S – Standard O – Optional

Function list

| TE-GL | | | |
|--------------------------------|-----|---|---------------------|
| Category | No. | Function | Standard / Optional |
| Safety and Emergency Functions | 35 | Restrict the opening of the car door inside the car | S |
| | 36 | Brake Torque Detection Function | S |
| | 37 | Main COP attendance | O |
| | 38 | Fireman service | O |
| | 39 | Door lock bypass function | O |
| | 40 | Automatic rescue operation | O |
| | 41 | Earthquake function (sensors by customer) | O |
| | 42 | Earthquake function (incl. sensors) | O |
| | 43 | Emergency power operation (generator by customer) | O |
| Trip Functions | 44 | Automatic doors | S |
| | 45 | Collective fault signal | S |
| | 46 | Operation counting (trip and hour) | S |
| | 47 | Car priority | O |
| | 48 | Through door | O |
| | 49 | Selective door (only in through car case) | O |
| Human Machine Interface | 50 | Door close button | S |
| | 51 | Door open button | S |
| | 52 | Car call cancellation (by double press) | S |
| | 53 | Landing indicator of dot-matrix (red) | S |
| | 54 | Car indicator of dot-matrix (red) | S |
| | 55 | Landing indicator of 4.3"blue-white segment LCD | O |
| | 56 | Car indicator of 5.7" blue-white segment LCD | O |
| | 57 | Car arrival alarm | O |
| | 58 | Second COP (excl. (car attendant and intercom) | O |
| | 59 | COP for disabled persons (no indicator, braille push buttons as standard) | O |
| Monitoring and Tele-service | 60 | Intercom system | S |
| | 61 | Traveling cable (incl. video transmission function) | O |
| | 62 | BAS interface function (dry contactor signal) | O |
| | 63 | Color video camera (in car) | O |
| | 64 | Remote monitor interfacing (excl. MH2 board) | O |
| | 65 | Remote monitor interfacing (incl. MH2 board, without modem) | O |
| | 66 | Supervision panel (cable by other, cable length<=150m) | O |
| | 67 | Build automation interfacing (RS232, MM board) | O |
| | 68 | Build automation interfacing (RS485, MMC board) | O |

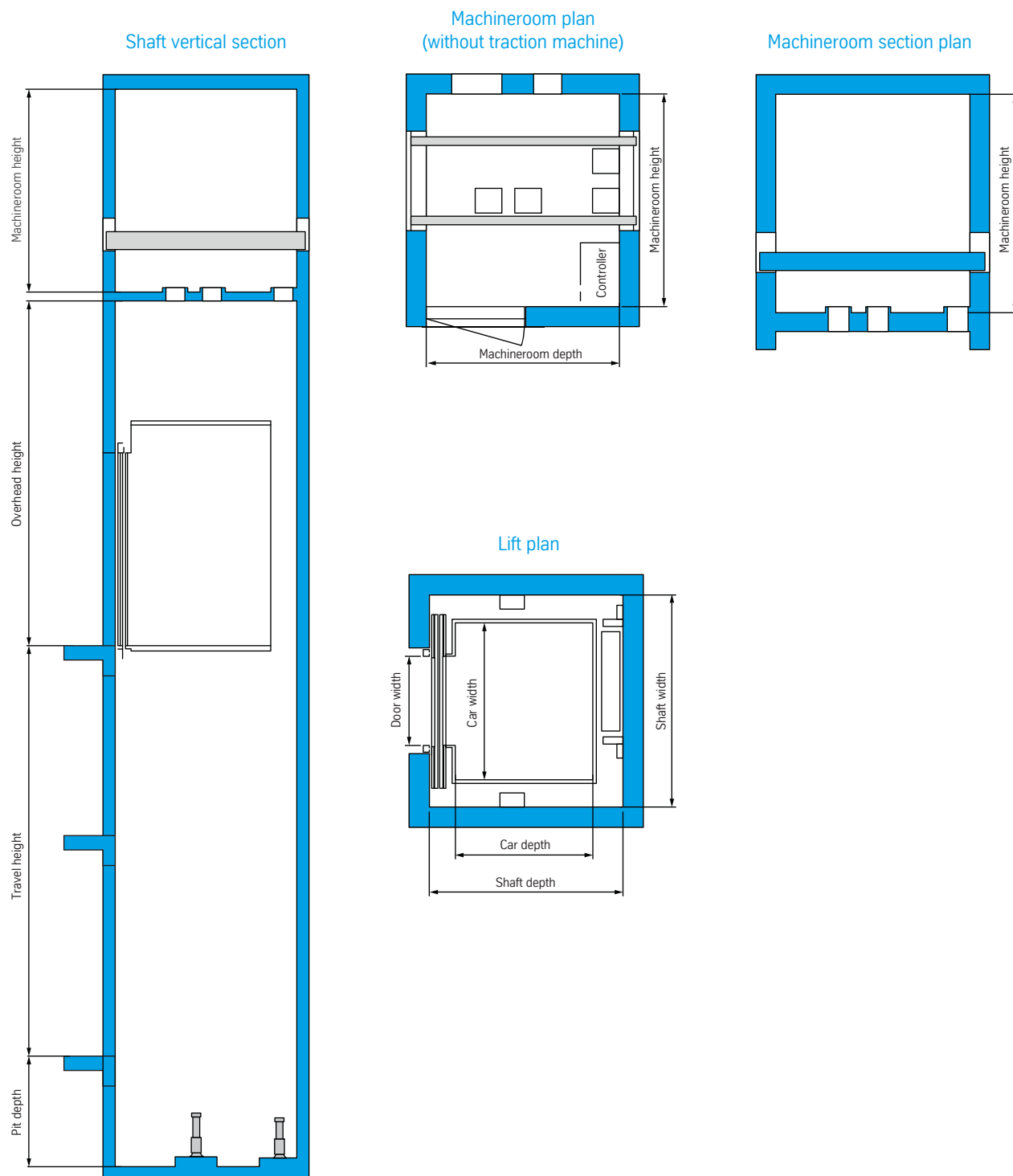
Note: S – Standard O – Optional

Function list

| TE-GL | | | |
|------------------------|-----|--|---------------------|
| Category | No. | Function | Standard / Optional |
| Group / Duplex Control | 68 | Group control (max 8 units) | 0 |
| | 69 | Automatically allocate lower load elevator to response landing call in group | 0 |
| | 70 | Continued group / duplex operation in case of failure of the other elevator | 0 |
| | 71 | Taking units out of group (timer / switch) | 0 |

Note: S – Standard 0 – Optional

Layout (Counter weight at rear)



According to the elevator construction specification, the elevator shaft horizontal size is the minimum clearance by plumbing, and the allowed deviation as follows:

| Shaft height | SH≤30m | 30m<SH≤60m | 60m<SH≤90m | 90m<SH≤125m |
|---------------------|---------|------------|------------|-------------|
| Permitted deviation | 0~+25mm | 0~+35mm | 0~+50mm | 0~+80mm |

Technical specifications (Counter weight at rear)

GL

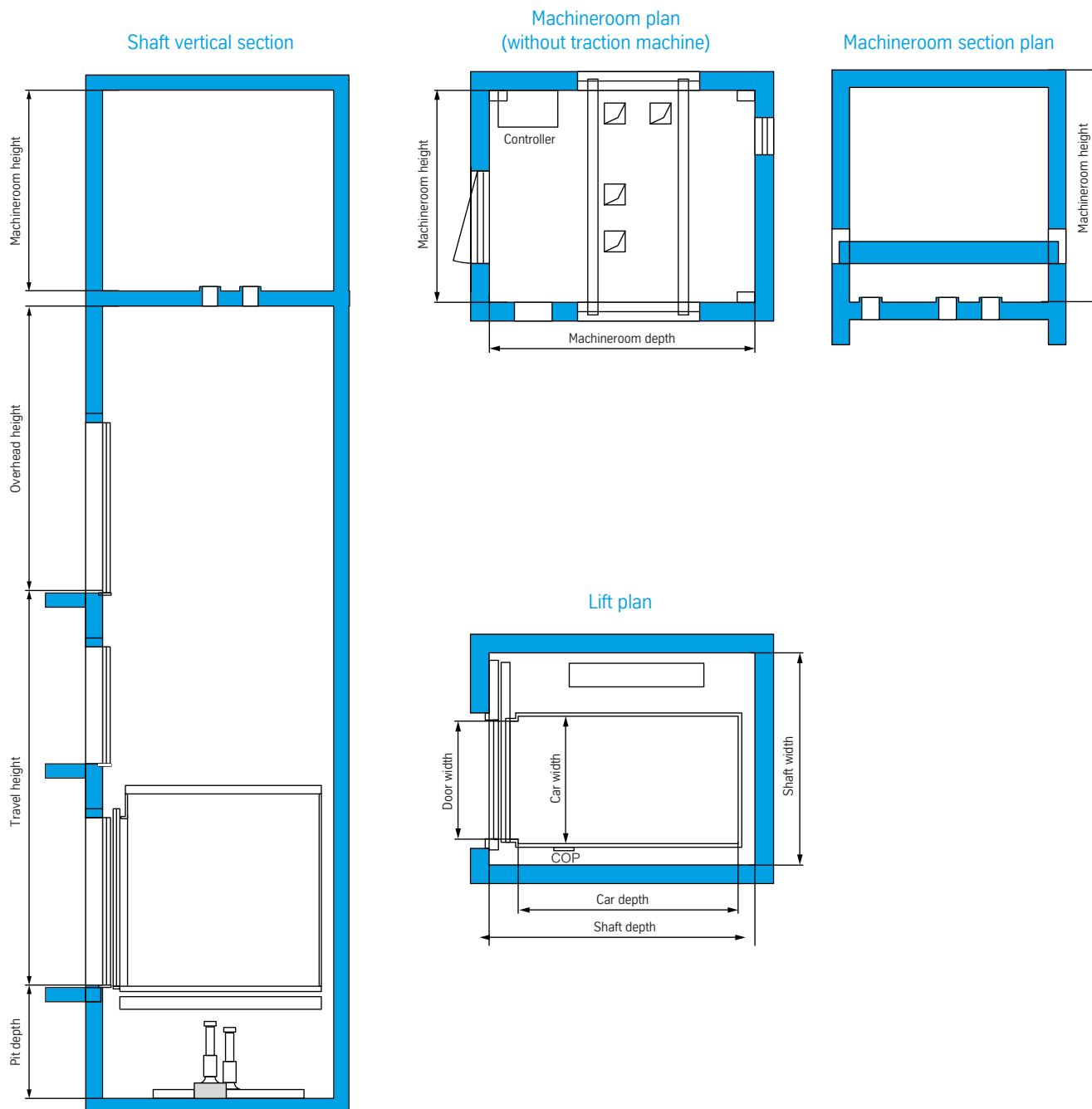
| Rated Load (kg) | Rated Speed (m/s) | Max. Travel Height (m) | Max. Number of Floors | Center Opening Door Size (DW x DH)(mm) | Car Size (CW x CD x HD)(mm) | Shaft Size (SW x SD)(mm) |
|-----------------|-------------------|------------------------|-----------------------|--|-----------------------------|--------------------------|
| 630 | 1.0 | 55 | 18 | 800 x 2100 | 1100 x 1400 x 2400 | 1800 x 2000 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 85 | 30 | | | |
| | 1.75 | 85 | 30 | | | |
| 800 | 1.0 | 50 | 17 | 800 x 2100 | 1350 x 1400 x 2400 | 1900 x 2000 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| | 2.5 | 125 | 32 | | | |
| | 3.0 | 150 | 40* | | | 1900 x 2150 |
| 1000 | 1.0 | 50 | 17 | 900 x 2100 | 1600 x 1400 x 2400 | 2150 x 2000 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| | 2.5 | 125 | 32 | | | |
| | 3.0 | 150 | 40* | | | 2150 x 2150 |
| 1150 | 1.0 | 50 | 17 | 1100 x 2100 | 1800 x 1400 x 2400 | 2350 x 2000 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| | 2.5 | 125 | 32 | | | |
| 1250 | 1.0 | 50 | 17 | 1100 x 2100 | 2000 x 1450 x 2400 | 2450 x 2170 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| | 2.5 | 125 | 32 | | | |
| 1350 | 1.0 | 50 | 17 | 1100 x 2100 | 2000 x 1550 x 2400 | 2450 x 2270 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| | 2.5 | 125 | 32 | | | |
| 1600 | 1.0 | 50 | 17 | 1100 x 2100 | 2000 x 1750 x 2400 | 2450 x 2470 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| | 2.5 | 125 | 32 | | | |

Min. overhead height & pit depth

| Rated Speed | Min. Overhead height (mm) | | | | Min. Pit Depth (mm) | | | |
|-------------|---------------------------|------|------|------|---------------------|------|------|------|
| | | | | | | | | |
| 1.0 | 3800 | 3800 | 3800 | 4100 | 1250 | 1250 | 1250 | 1300 |
| 1.5 | 3900 | 3900 | 3900 | 4400 | 1300 | 1300 | 1300 | 1400 |
| 1.6 | 3900 | 3900 | 3900 | 4450 | 1300 | 1300 | 1300 | 1400 |
| 1.75 | 3950 | 3950 | 3950 | 4500 | 1300 | 1300 | 1300 | 1400 |
| 2.0 | / | 4050 | 4050 | 4550 | / | 1350 | 1350 | 1400 |
| 2.5 | / | 4750 | 4750 | 4750 | / | 1750 | 1750 | 1750 |
| 3.0 | / | 4750 | / | / | / | 2200 | / | / |

* Note: The maximum number of floors permitted in the standard design when in the case without driver function is 40. If in the case of which the client requests the number of floors and driver function to be more than 32, please contact your contract engineering department.

Layout (Counter weight at side 1250~1600kg)



According to the elevator construction specification, the elevator shaft horizontal size is the minimum clearance by plumbing, and the allowed deviation as follows:

| Shaft height | SH≤30m | 30m<SH≤60m | 60m<SH≤90m | 90m<SH≤125m |
|---------------------|---------|------------|------------|-------------|
| Permitted deviation | 0~+25mm | 0~+35mm | 0~+50mm | 0~+80mm |

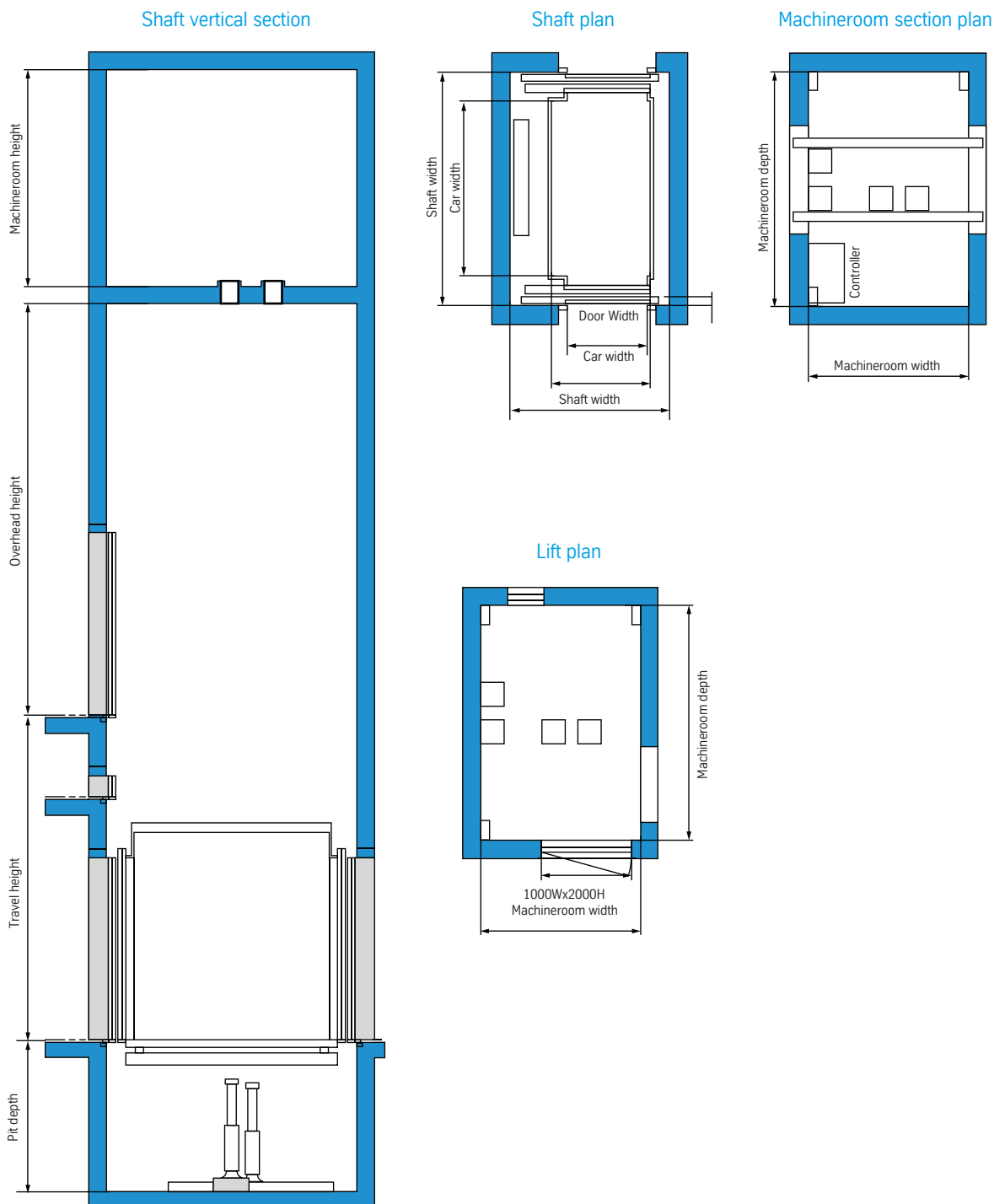
Technical Specifications (Counter weight at side 1250~1600kg)

| GL | | | | | | |
|-----------------|-------------------|------------------------|-----------------------|--|-----------------------------|--------------------------|
| Rated Load (kg) | Rated Speed (m/s) | Max. Travel Height (m) | Max. Number of Floors | Center Opening Door Size (DW x DH)(mm) | Car Size (CW x CD x HD)(mm) | Shaft Size (SW x SD)(mm) |
| 1250 | 1.0 | 50 | 17 | 1100 x 2100 | 1400 x 2050 x 2400 | 2300 x 2540 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| | 2.5 | 125 | 32 | | | |
| 1350 | 1.0 | 50 | 17 | 1100 x 2100 | 1400 x 2200 x 2400 | 2300 x 2690 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| | 2.5 | 125 | 32 | | | |
| 1600 | 1.0 | 50 | 17 | 1300 x 2100 | 1400 x 2400 x 2400 | 2310 x 2890 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| | 2.5 | 125 | 32 | | | |

Min. overhead height & min. pit depth

| Rated Speed | Min. Overhead height (mm) | Min. Pit Depth (mm) |
|-------------|---------------------------|---------------------|
| | 1250-1600kg | 1250-1600kg |
| 1.0 | 4100 | 1300 |
| 1.5 | 4400 | 1400 |
| 1.6 | 4450 | 1400 |
| 1.75 | 4500 | 1400 |
| 2.0 | 4550 | 1400 |
| 2.5 | 4750 | 1750 |

Layout (Through door)



According to the elevator construction specification, the elevator shaft horizontal size is the minimum clearance by plumbing, and the allowed deviation as follows:

| Shaft height | SH≤30m | 30m<SH≤60m | 60m<SH≤90m | 90m<SH≤125m |
|---------------------|---------|------------|------------|-------------|
| Permitted deviation | 0~+25mm | 0~+35mm | 0~+50mm | 0~+80mm |

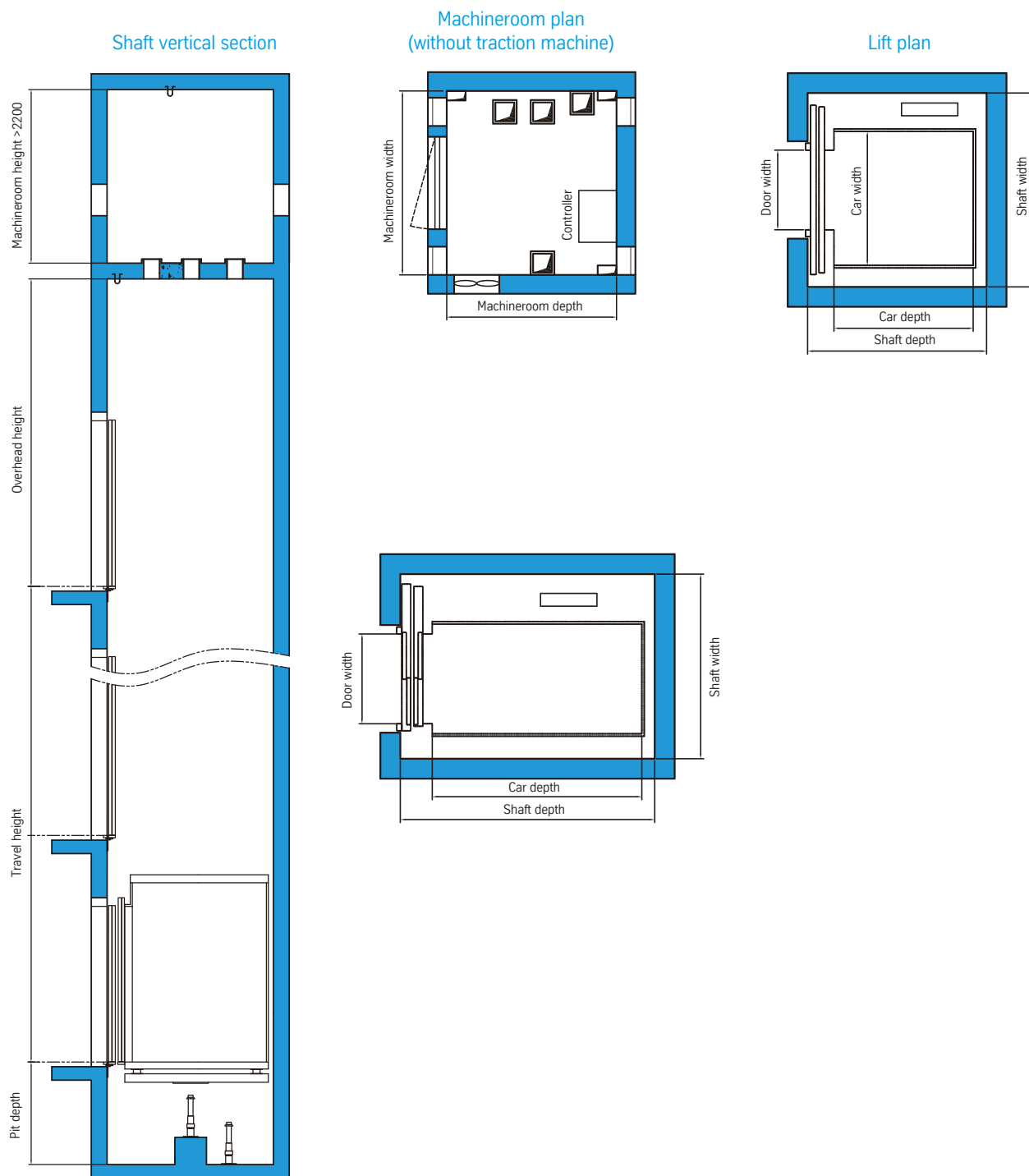
Technical Specifications (Through door)

| GL | | | | | | |
|-----------------|-------------------|------------------------|-----------------------|--------------------------------------|-----------------------------|--------------------------|
| Rated Load (kg) | Rated Speed (m/s) | Max. Travel Height (m) | Max. Number of Floors | Side Opening Door Size (DW x DH)(mm) | Car Size (CW x CD x HD)(mm) | Shaft Size (SW x SD)(mm) |
| 630 | 1.0 | 55 | 18 | 800 x 2100 (Center Opening Door) | 1100 x 1320 x 2400 | 1820 x 1850 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 85 | 30 | | | |
| | 1.75 | 85 | 30 | | | |
| 800 | 1.0 | 50 | 17 | 900 x 2100 | 1100 x 1480 x 2400 | 1850 x 2120 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| 1000 | 1.0 | 50 | 17 | 900 x 2100 | 1100 x 1880 x 2400 | 1850 x 2520 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| 1150 | 1.0 | 50 | 17 | 1000 x 2100 | 1200 x 1880 x 2400 | 1950 x 2520 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| 1250 | 1.0 | 50 | 17 | 1100 x 2100 | 1400 x 1900 x 2400 | 2300 x 2540 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| | 2.5 | 125 | 32 | | | |
| 1350 | 1.0 | 50 | 17 | 1100 x 2100 | 1400 x 2050 x 2400 | 2300 x 2690 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| | 2.5 | 125 | 32 | | | |
| 1600 | 1.0 | 50 | 17 | 1300 x 2100 | 1400 x 2250 x 2400 | 2890 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| | 2.5 | 125 | 32 | | | |

Min. overhead height & pit depth

| Rated Speed | Min. Overhead height (mm) | | | | Min. Pit Depth (mm) | | | |
|-------------|---------------------------|------|------|------|---------------------|------|------|------|
| | | | | | | | | |
| 1.0 | 3800 | 3800 | 3800 | 4100 | 1250 | 1250 | 1250 | 1300 |
| 1.5 | 3900 | 3900 | 3900 | 4400 | 1300 | 1300 | 1300 | 1400 |
| 1.6 | 3900 | 3900 | 3900 | 4450 | 1300 | 1300 | 1300 | 1400 |
| 1.75 | 3950 | 3950 | 3950 | 4500 | 1300 | 1300 | 1300 | 1400 |
| 2.0 | / | 4050 | 4050 | 4550 | / | 1350 | 1350 | 1400 |
| 2.5 | / | / | / | 4750 | / | / | / | 1750 |

Layout (Counter weight at side 630~1150kg)



According to the elevator construction specification, the elevator shaft horizontal size is the minimum clearance by plumbing, and the allowed deviation as follows:

| Shaft height | SH≤30m | 30m<SH≤60m | 60m<SH≤90m | 90m<SH≤125m |
|---------------------|---------|------------|------------|-------------|
| Permitted deviation | 0~+25mm | 0~+35mm | 0~+50mm | 0~+80mm |

Technical Specifications (Counter weight at side 630~1150kg)

| GL | | | | | | |
|-----------------|-------------------|------------------------|-----------------------|-------------------------------------|-----------------------------|--------------------------|
| Rated Load (kg) | Rated Speed (m/s) | Max. Travel Height (m) | Max. Number of Floors | Door Size (DW x DH)(mm) | Car Size (CW x CD x HD)(mm) | Shaft Size (SW x SD)(mm) |
| 630 | 1.0 | 55 | 18 | 800 x 2100 (Center Opening Door) | 1100 x 1400 x 2400 | 1850 x 1800 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 85 | 30 | | | |
| | 1.75 | 85 | 30 | | | |
| 800 | 1.0 | 50 | 17 | 800 x 2100 (Center Opening Door) | 1350 x 1400 x 2400 | 1950 x 1800 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| 1000 | 1.0 | 50 | 17 | 900 x 2100 (Center Opening Door) | 1600 x 1400 x 2400 | 2200 x 1800 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| 1000 | 1.0 | 50 | 17 | 900 x 2100 (Side Opening Door) | 1100 x 2100 x 2400 | 1850 x 2550 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| 1150 | 1.0 | 50 | 17 | 900 x 2100 (Center Opening Door) | 1800 x 1400 x 2400 | 2400 x 1800 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |
| 1150 | 1.0 | 50 | 17 | 900 x 2100 (Side Opening Door) | 1200 x 2100 x 2400 | 1950 x 2250 |
| | 1.5 | 75 | 26 | | | |
| | 1.6 | 75 | 26 | | | |
| | 1.75 | 90 | 31 | | | |
| | 2.0 | 110 | 32 | | | |

Min. overhead height & min. pit depth

| Rated Speed | Min. Overhead height (mm) | | Min. Pit Depth (mm) | |
|-------------|---------------------------|------------|---------------------|------------|
| | 630kg | 800-1150kg | 630kg | 800-1150kg |
| 1.0 | 3750 | 3750 | 1300 | 1300 |
| 1.5 | 3900 | 3900 | 1400 | 1400 |
| 1.6 | 3900 | 3900 | 1400 | 1400 |
| 1.75 | 3950 | 3950 | 1450 | 1450 |
| 2.0 | / | 4050 | / | 1550 |