

meta200
SENSE THE
DIFFERENCE



TKE



For passenger

Capacity 1150kg

13 persons

TK ELEVATOR
MOVES PEOPLE -
THE FUTURE OF
URBAN MOBILITY





meta200 sense the difference

meta200 targets mid-rise buildings in the residential and commercial sectors, where design and performance matter. Offering inspiring designs and German quality engineering, meta200 brings an all round premium experience to your building.



Increases your returns

A choice of trend-based cabin designs to enhance your building's premium.



Instills pride in your building

From stylish hall door designs to in-cabin aesthetics and usability features; meta200 extends your building's style into the elevator.



Provides a stylish experience

With a focus on ergonomic design features, in-car atmosphere and pleasing aesthetics, every detail of meta200 has been carefully considered from entry to exit.

DESIGNED FOR

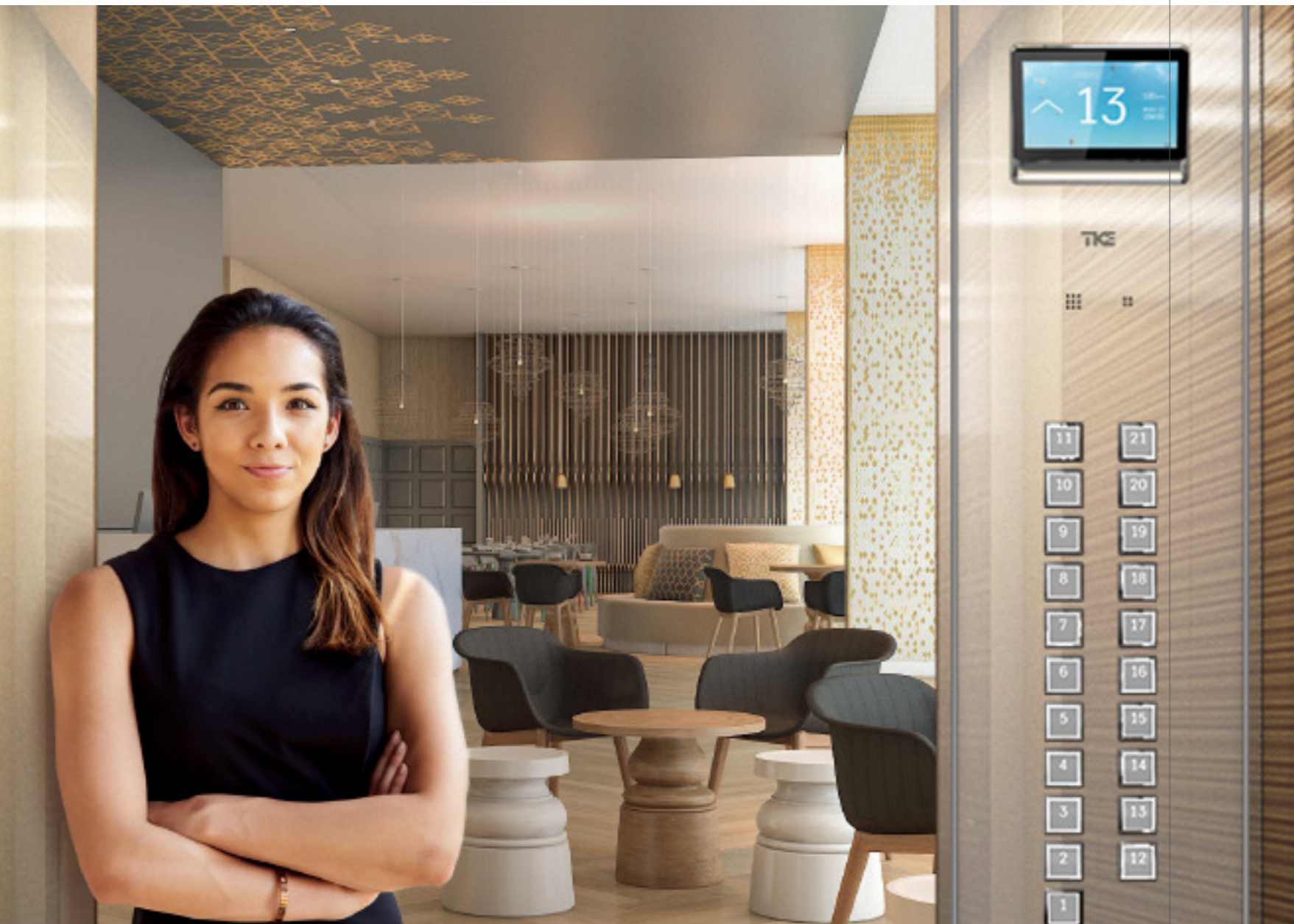
- Mid-rise residential and commercial buildings

SPECIFICATIONS

- Max. travel height: $\leq 125\text{m}$
- Max. number of floors: ≤ 43
- Rated load: 1,600kg
- Rated speed: 2.50m/s

Increases your returns

A choice of trend-based cabin designs to enhance your building's premium.



Trend based design

Our team constantly studies architectural and interior design trends and has created 6 cabins that complement the look and feel of every building.

High-end materials

We use premium materials throughout, in colors, textures and patterns that combine to stimulate the senses with tasteful luxury.

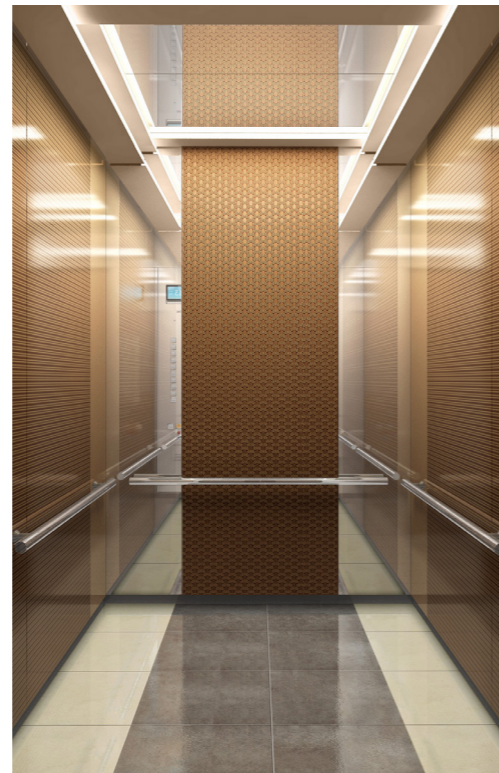
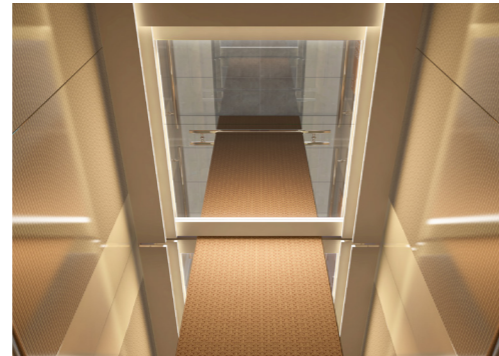
A premium look

From the colorful superior screen to the sleek surface of the angled COP, each detail is carefully considered to give your building the premium look it deserves.



CABIN DESIGN - T201

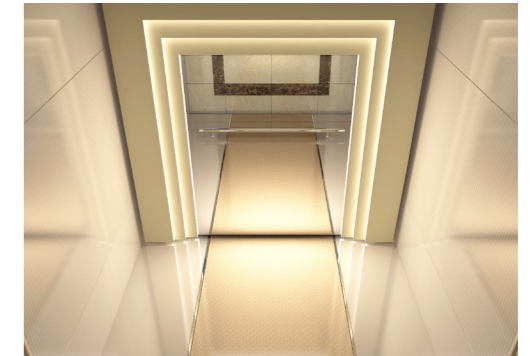
A classic and timeless design that combines heritage with modern extravagance.



| | |
|-------------|---|
| Ceiling | LX-05S (Aluminum / Bronze color / STS Mirror) |
| Front Panel | STS Mirror |
| Wall | High glossy shine (SP-04BR), High glossy shine (Brown), High glossy shine (SP-05BR(RC)), STS Mirror |
| Door | High glossy shine (SP-02BR) |
| COP | FS-TK11N |
| Handrail | HRR-01E / Polishing |
| Floor | Decotile (DET2905 / DET2251) |

CABIN DESIGN - T202

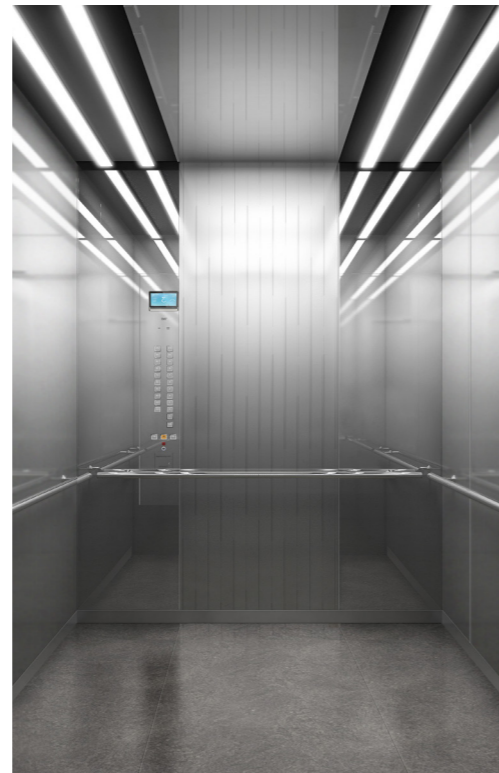
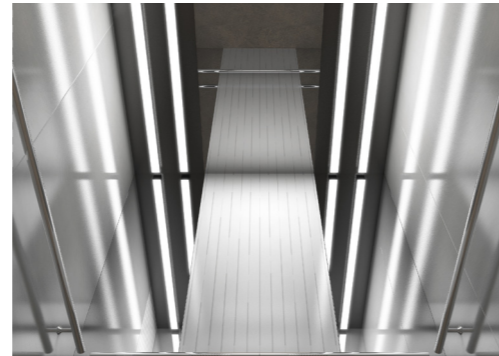
A luxurious design with high-class gold and marble materials for a refined and sophisticated look.



| | |
|-------------|---|
| Ceiling | LX-03S (Aluminium / Gold color / STS mirror) |
| Front Panel | STS Mirror |
| Wall | High glossy shine (SP-06SG), High glossy shine (Sparkle gold), High glossy shine (SP-16BR), STS Mirror trim |
| Door | High glossy shine (SP-06SG) |
| COP | FS-TK11N |
| Handrail | HRR-01E / Polishing |
| Floor | Decotile (DET2251 / DET2245) |

CABIN DESIGN - T203

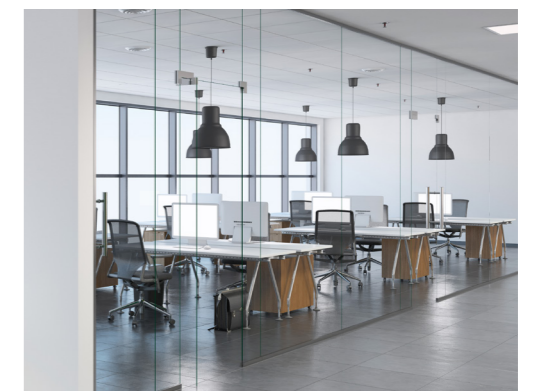
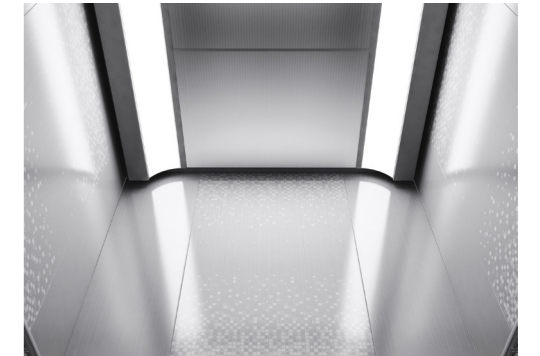
A homely design with modern accents fused together to create a calm and comfortable mood.



| | |
|-------------|--|
| Ceiling | CE-SA1C (STS Mirror / Aluminum / Acryl bar / SPCC) |
| Front Panel | Super Vib (Silver), Air cleaner (option) |
| Wall | Super Vib (Silver), Hi-Touch (Rain), STS Mirror |
| Door | Hi-Touch (HT-01SV) |
| COP | FS-TK11N |
| Handrail | HRR-01G |
| Floor | Decotile (DET2905) |

CABIN DESIGN - T204

Scandinavian-influenced designs for a sleek and minimalist look adding modernity to your building.



| | |
|-------------|---|
| Ceiling | EX-11NL (Aluminum / Acryl bar / Polygal) |
| Front Panel | STS Hairline |
| Wall | STS Hairline, STS Hairline + Etching (CSE-20) |
| Door | STS Hairline + Etching (ET-20) |
| COP | FS-TK11N |
| Handrail | HRR-01E / Polishing |
| Floor | Decotile (DET6239 / DET2246) |

CABIN DESIGN - T301

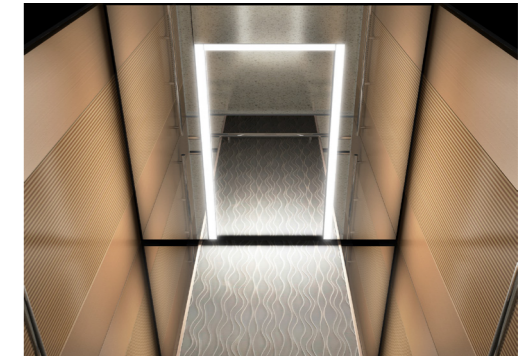
An elegant combination of dark colors and finishes that evoke the understated luxury of days gone by.



| | |
|-------------|--|
| Ceiling | LX-05S (Aluminum / Bronze color / STS Mirror) |
| Front Panel | STS Mirror, Air cleaner (Option) |
| Wall | STS Hairline bronze color, STS Mirror trim (20mm), Embo pattern (EM02) |
| Door | Embo pattern (EM02D) |
| COP | FS-TK11N |
| Handrail | HRR-01E / Polishing |
| Floor | Decotile (DET2251 / DET2245) |

CABIN DESIGN - T303

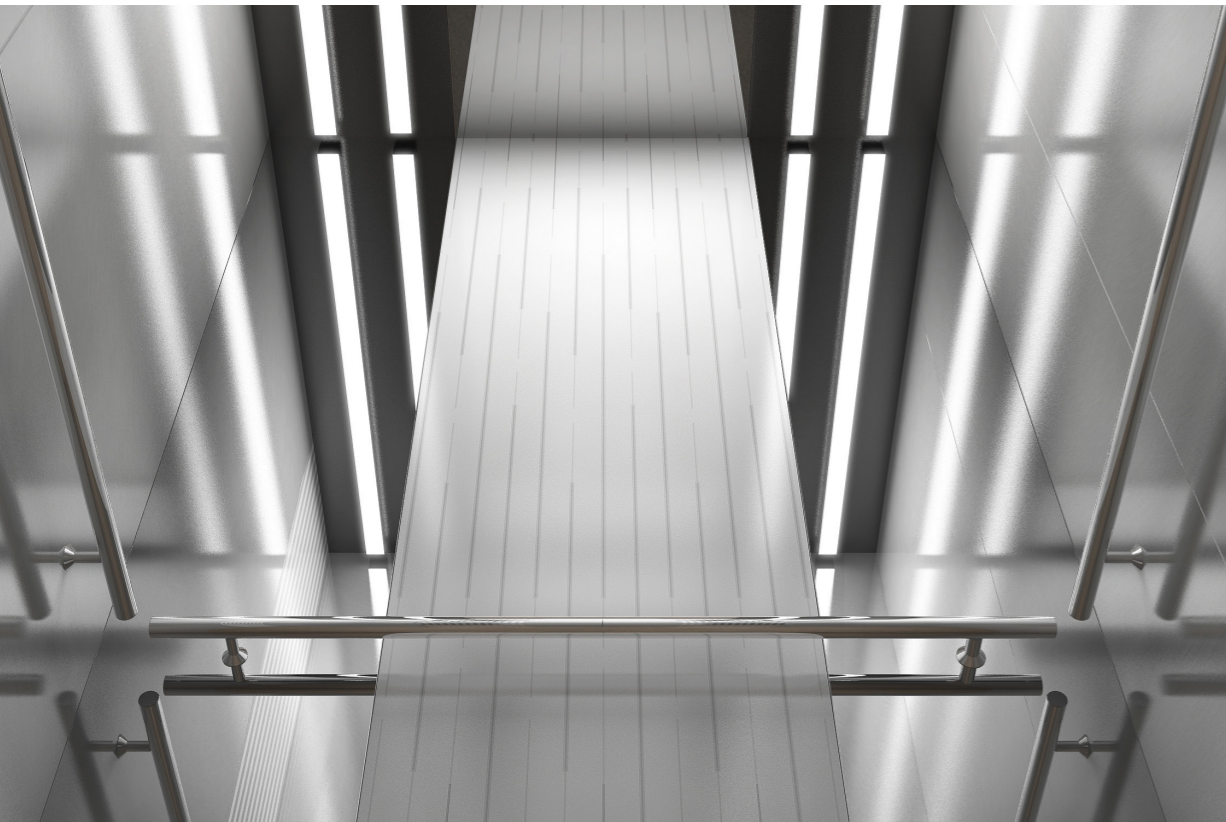
Sleek patterned bronze and mirror accents combine to create a sophisticated experience.



| | |
|-------------|---|
| Ceiling | CE-SB1C (STS Mirror / Aluminum / Acryl bar) |
| Front Panel | STS Mirror, Air cleaner (Option) |
| Wall | STS Hairline bronze color, STS Mirror, Embo pattern (EM03DB, Bronze), Pearl metal (PM03 Bronze), Aluminum bronze color trim (4mm extrusion) |
| Door | Embo pattern (EM03DB, Bronze) |
| COP | FS-TK11N |
| Handrail | HRR-01E / Polishing |
| Floor | Decotile (DET2251) |

Instills pride in your building

From stylish hall door designs to in-cabin aesthetics and usability features; meta200 extends the style and experience of your building into the elevator.



Complementary materials create the elevator your building deserves

Each design creates an opportunity for you to really make the elevator part of your building's experience.

Stylish fixtures that will make your building stand out

Choose from different control panels, ceiling designs, and door options.



Door colors to suit your lobby style

Make sure the first impression is a good one. Choose a lobby door that enhances your building's interior design.



T201

| | | |
|-----------|-------|---|
| Door | Main | High glossy shine (SP-02BR) |
| | Other | High glossy shine (SP-02BR) |
| Transom | | STS Art hairline |
| Jamb | Main | (Wide) STS Art hairline |
| | Other | (Narrow) High glossy shine (Dark brown) |
| LIOP | Main | BSN-TK11N |
| | Other | BSN-TK11ND |
| Indicator | | HD-S-20D |

T202

| | | |
|-----------|-------|---|
| Door | Main | High glossy shine (SP-06SG) |
| | Other | High glossy shine (SP-06SG) |
| Transom | | STS Art hairline |
| Jamb | Main | (Wide) STS Art hairline |
| | Other | (Narrow) High glossy shine (Sparkle gold) |
| LIOP | Main | BSN-TK11N |
| | Other | BSN-TK11ND |
| Indicator | | HD-S-20D |





T203

| | | |
|-----------|-------|-----------------------------|
| Door | Main | Hi-Touch (HT-01SV) |
| | Other | Super Vib (Silver) |
| Transom | | Super Vib (Silver) |
| Jamb | Main | (Wide) Super Vib (Silver) |
| | Other | (Narrow) Super Vib (Silver) |
| LIOP | Main | BSN-TK11N |
| | Other | BSN-TK11ND |
| Indicator | | HD-S-20D |

T204

| | | |
|-----------|-------|--------------------------------|
| Door | Main | STS Hairline + Etching (ET-20) |
| | Other | STS Hairline + Etching (ET-20) |
| Transom | | STS Art hairline |
| Jamb | Main | (Wide) STS Art hairline |
| | Other | (Narrow) STS Art hairline |
| LIOP | Main | BSN-TK11N |
| | Other | BSN-TK11ND |
| Indicator | | HD-S-20D |



Instills pride in your building

From stylish hall door designs to in-cabin aesthetics and usability features; meta200 extends the style and experience of your building into the elevator.

Ergonomic LCD display

With a focus on usability, the new colorful LCD display is tilted to reduce light reflection, making the information easier to read.

The screen image moves in the direction of the elevator to give a reassuring 'visual sense' of movement.

The buttons are smartly positioned to facilitate access to the most used floors.



LED hall sill for easier boarding

A neat LED floor light indicates when the elevator has arrived and blinks orange until the doors are closed.

PREMIUM FIXTURES



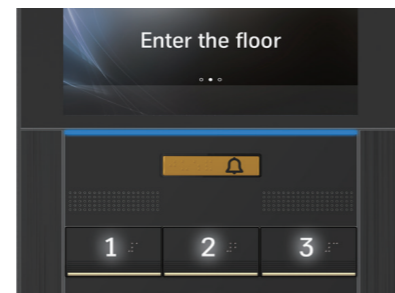
Smart COP

Our Smart COP brings the elevator ride to the next level. With innovative features and a premium design, it provides a stylish passenger experience.



10° Tilted screen

The 10° tilted screen limits reflections, so it's easier to read.



Welcome light

When the doors are opening or closing, a blue welcome light blinks to alert the user.



Two color buttons

The backlit keys turn blue when the destination is selected.

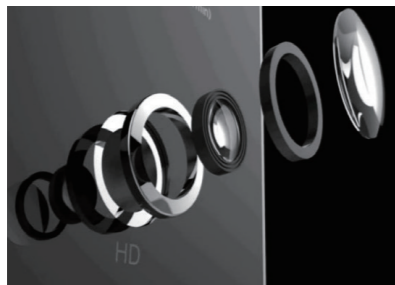


Push type keyboard

Easy to use 10 digit push type keyboard.

Innovative features

Built right into the Smart COP to give your passengers the best experience.



Security

The embedded security camera with a 180° view of the cabin is accessible only to the building manager.



Handwriting

Use your fingers to write your destination directly on the touch screen.

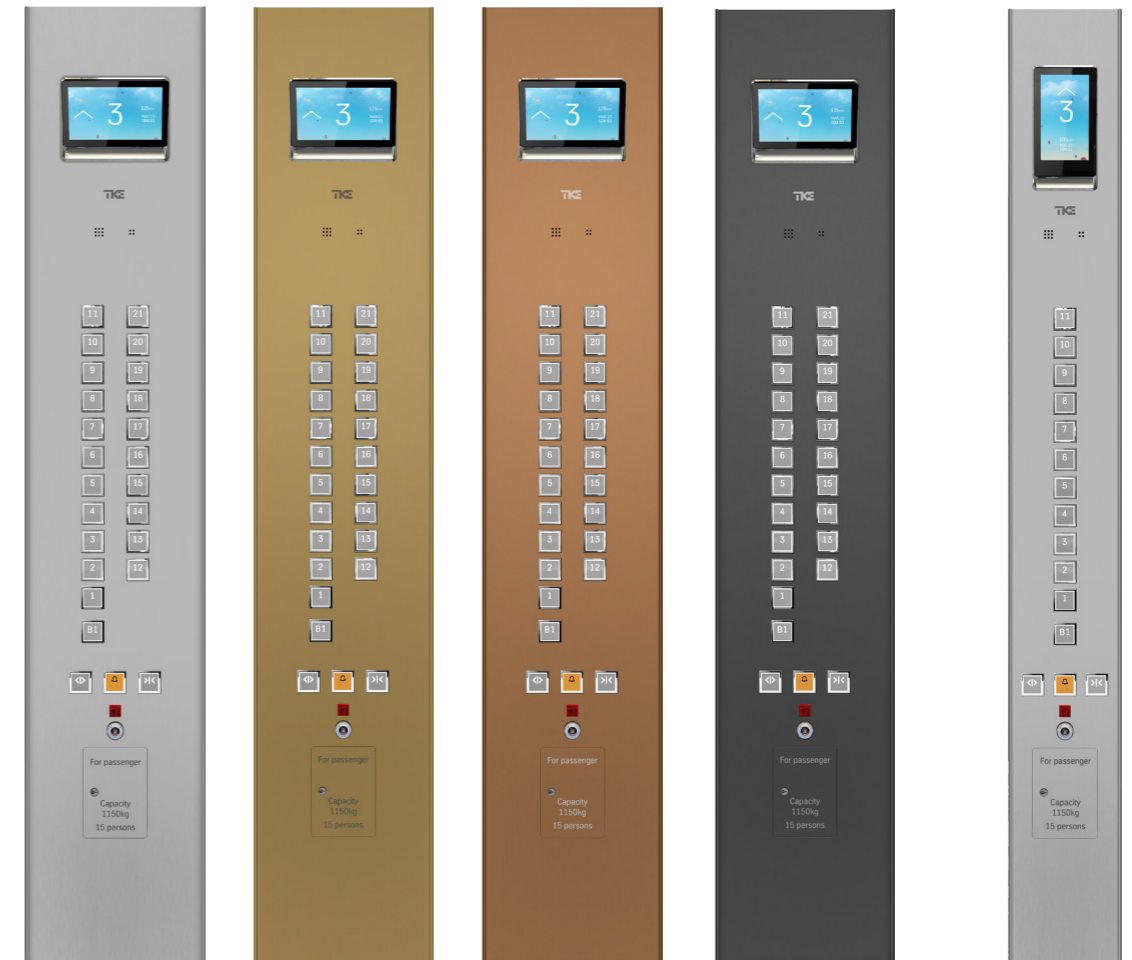


RFID card reader

Use an RFID card or the contactless feature to directly access your floor.

Angled screen COP

Now with a range of color options to match your cabin design and tilted screens to facilitate easy viewing.



FS-TK11N

FS-CG-TK11N

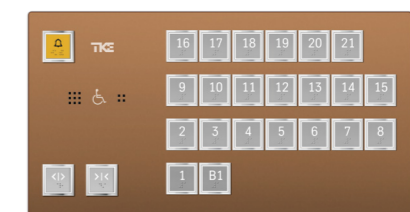
FS-RB-TK11N

FS-BK-TK11N

FS-TK11N



HFS-BK-TK11N



HFS-RB-TK11N



HFS-TK11N



HFS-CG-TK11N

Angled screen COP

Now with a range of color options to match your cabin design and tilted screens to facilitate easy viewing.



HD-S-20D

HD-S-30D

Push type

Touch type



BSK-TK77

BSK-TK77D

BSK-TT44D

BSK-TT44

BSM-TK77G

BSM-TK77GD

BSM-TT44AD

BSM-TT44A

Premium LOP / LIOP

This sharp, squared off design comes in crisp silver, smart black or lavish gold. Designed as a premium accent to any building.



BSO-TK11ND

BSO-TK11N

BSN-TK11ND

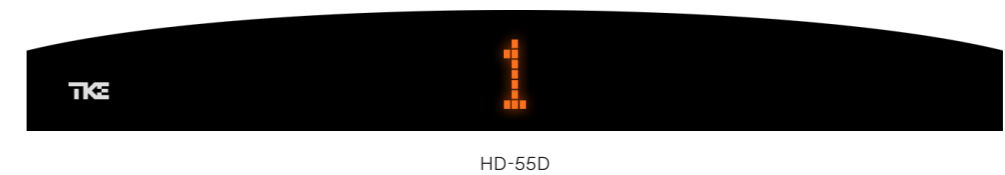
BSN-TK11N

BSL-TK11ND

BSL-TK11N

Classic LOP / LIOP

With soft edges and smooth round buttons, this classic style adds a clean and subtle finish to any design.



HD-55D



BPE-TK77DTW

BPE-TK77D

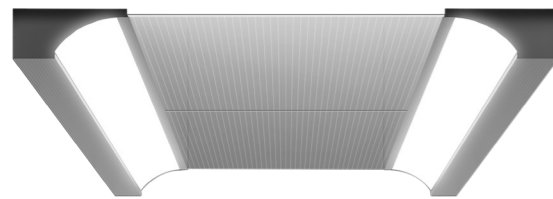
BPE-TK77

BPE-TK11ND

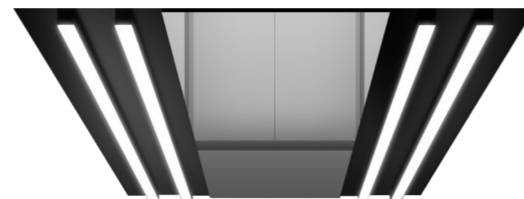
BPE-TK11N

Angled screen COP

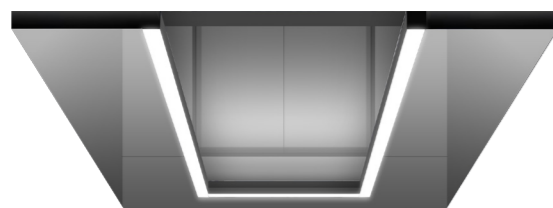
Now with a range of color options to match your cabin design and tilted screens to facilitate easy viewing.



EX-11NL



CE-SA1C



CE-SB1C



LX-03S (Gold)

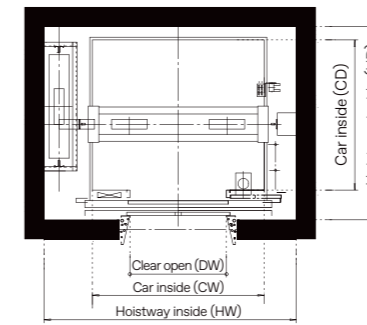


LX-05S (Bronze)

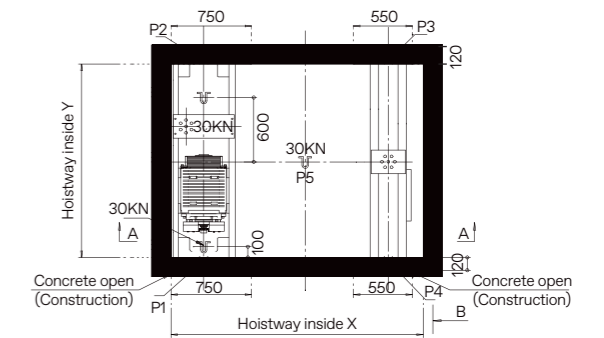
PLANNING INFORMATION

MRL

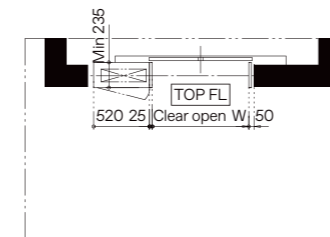
Hoistway plan



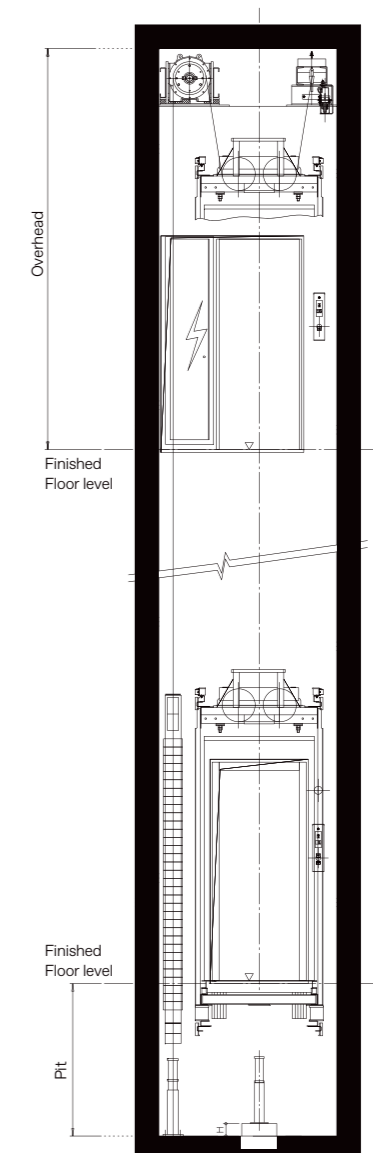
Top beam plan



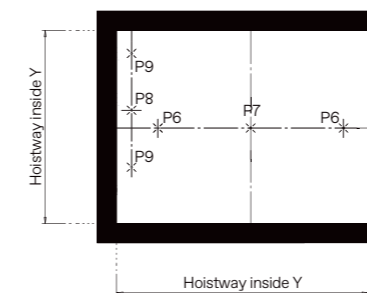
Hoistway plan (Control floor)



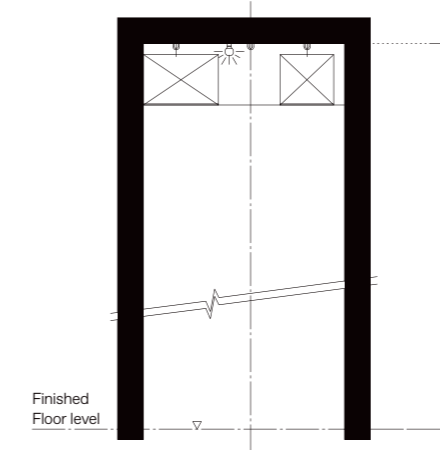
Hoistway section plan



Pit plan



Overhead hole recess



BASIC PARAMETERS

| RATED LOAD (KG) | RATED SPEED (M/S) | MIN. OVERHEAD HEIGHT (MM) | MIN. PIT DEPTH (MM) | MOTOR OUTPUT | MCCB RATING (A) |
|-----------------|-------------------|---------------------------|---------------------|--------------|-----------------|
| 550 | 1.0 | 4680 | 1240 | 4.5 | 20 |
| | 1.5 | 4840 | 1350 | 6.7 | 20 |
| | 1.75 | 4920 | 1400 | 7.9 | 40 |
| 630 | 1.0 | 4680 | 1240 | 4.5 | 20 |
| | 1.5 | 4840 | 1350 | 6.7 | 30 |
| | 1.75 | 4920 | 1400 | 7.9 | 40 |
| 680 | 1.0 | 4680 | 1240 | 6.9 | 30 |
| | 1.5 | 4840 | 1350 | 10.3 | 40 |
| | 1.75 | 4920 | 1400 | 12.0 | 40 |
| 750 | 1.0 | 4680 | 1240 | 6.9 | 30 |
| | 1.5 | 4840 | 1350 | 10.3 | 40 |
| | 1.75 | 4920 | 1400 | 12.0 | 40 |
| 900 | 2.0 | 5020 | 1500 | 11.2 | 50 |
| | 1.0 | 4140 | 1240 | 6.9 | 30 |
| | 1.5 | 4300 | 1400 | 10.3 | 40 |
| 1000 | 1.75 | 4380 | 1480 | 12.0 | 50 |
| | 2.0 | 4470 | 1500 | 13.6 | 50 |
| | 1.0 | 4140 | 1240 | 6.9 | 30 |
| 1150 | 1.5 | 4300 | 1400 | 7.8 | 40 |
| | 1.75 | 4380 | 1480 | 11.8 | 50 |
| | 2.0 | 4470 | 1500 | 15.1 | 60 |
| 1350 | 1.0 | 4200 | 1500 | 9.1 | 40 |
| | 1.5 | 4330 | 1500 | 13.7 | 60 |
| | 1.75 | 4450 | 1700 | 16.0 | 60 |
| 1600 | 1.0 | 4200 | 1500 | 10.8 | 40 |
| | 1.5 | 4330 | 1500 | 16.3 | 60 |
| | 1.75 | 4450 | 1700 | 19.0 | 60 |

CAR / SHAFT DIMENSIONS

| RATED LOAD (KG) | DOOR OPENING (W×H)(MM) | CAR SIZE (A×B)(MM) | SHAFT SIZE (X×Y)(MM) |
|-----------------|------------------------|--------------------|----------------------|
| 550 | 800 × 2100 | 1100 × 1250 | 1900 × 1700 |
| 630 | 800 × 2100 | 1100 × 1400 | 1900 × 1800 |
| 680 | 800 × 2100 | 1300 × 1250 | 2050 × 1700 |
| 750 | 800 × 2100 | 1300 × 1400 | 2050 × 1800 |
| 900 | 900 × 2100 | 1500 × 1400 | 2250 × 1800 |
| 1000 | 900 × 2100 | 1600 × 1400 | 2350 × 1800 |
| 1150 | 1000 × 2100 | 1800 × 1400 | 2550 × 1800 |
| 1350 | 1000 × 2100 | 1800 × 1600 | 2650 × 2050 |
| 1600 | 1100 × 2100 | 2000 × 1700 | 2850 × 2220 |

MACHINE BEAM & PIT REACTION VALUE

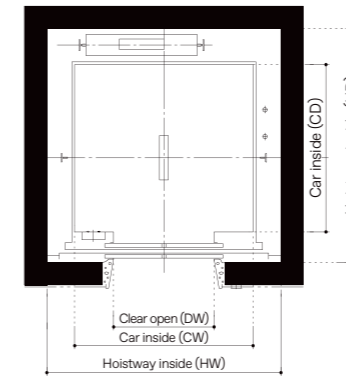
| RATED LOAD (KG) | REACTION ON THE BEAM | | | | HOOK | REACTION ON THE PIT | | | |
|-----------------|----------------------|------|------|------|------|---------------------|-------|-------|------|
| | P1 | P2 | P3 | P4 | | P5 | P6 | P7 | P8 |
| 550 | 2900 | 2950 | 1000 | 1100 | 3500 | 2850 | 6800 | 5600 | 800 |
| 630 | 2900 | 3100 | 1050 | 1100 | 3500 | 2900 | 7100 | 5800 | 800 |
| 680 | 3200 | 3250 | 1100 | 1200 | 3500 | 3000 | 7400 | 6000 | 800 |
| 750 | 3200 | 3400 | 1150 | 1200 | 3500 | 3050 | 7600 | 6100 | 800 |
| 900 | 4300 | 4550 | 1550 | 1600 | 3500 | 4650 | 10200 | 8200 | 950 |
| 1000 | 4850 | 5150 | 1750 | 1850 | 3500 | 5700 | 11500 | 9200 | 950 |
| 1150 | 5000 | 5300 | 1850 | 1900 | 3500 | 5250 | 12000 | 9500 | 950 |
| 1350 | 5400 | 3300 | 1200 | 4900 | 3500 | 6500 | 15900 | 12800 | 1230 |
| 1600 | 6000 | 3400 | 1200 | 5100 | 3500 | 7000 | 17700 | 13500 | 1250 |

Remarks: These dimensions are valid for elevator following the EN81-20/50 code

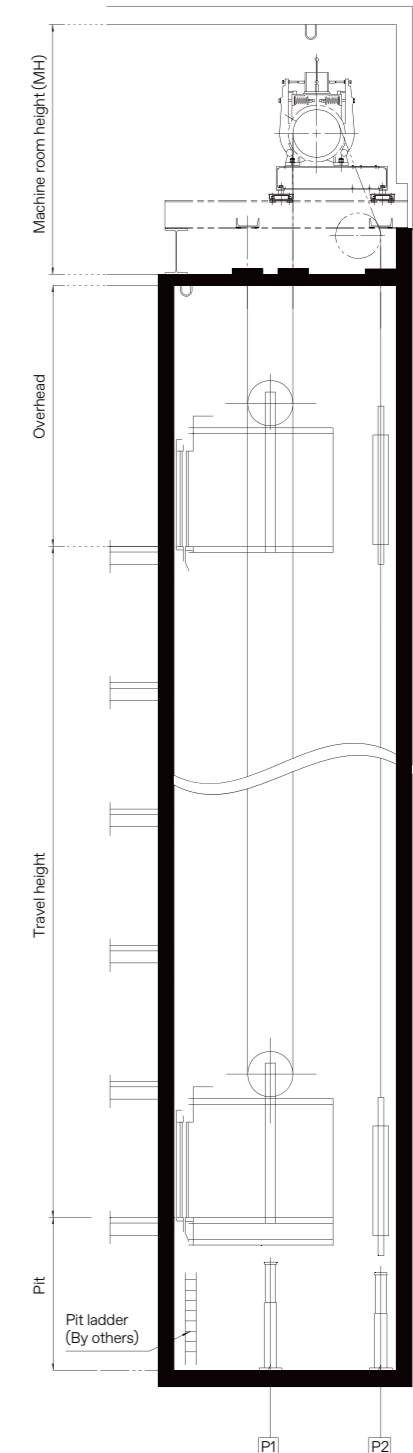
PLANNING INFORMATION

MR Gearless

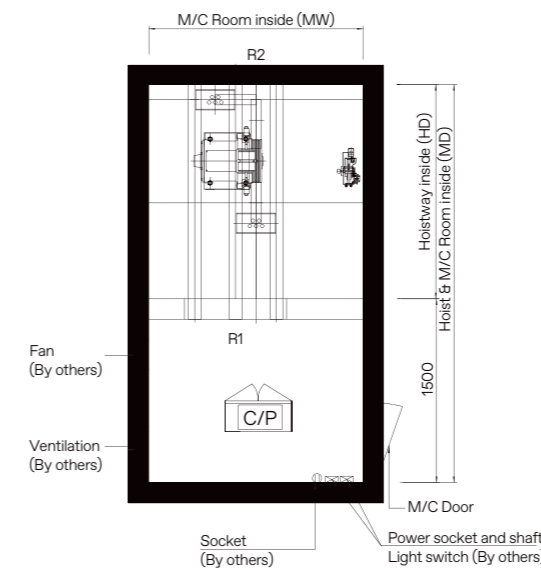
Hoistway Plan



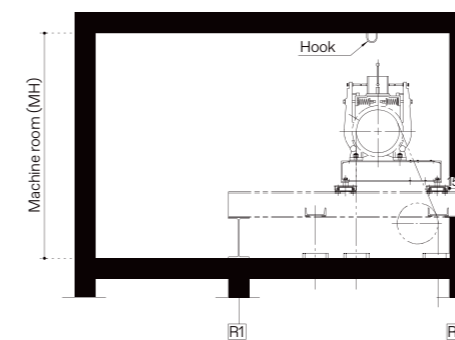
Hoistway Section Plan



Machine Room (1 Car)



Pit Plan



BASIC PARAMETERS

| RATED LOAD (KG) | RATED SPEED (M/S) | MIN. OVERHEAD HEIGHT (MM) | MIN. PIT DEPTH (MM) | HEIGHT OF MACHINE ROOM (M.H) | MOTOR OUTPUT | MCCB RATING (A) |
|-----------------|-------------------|---------------------------|---------------------|------------------------------|--------------|-----------------|
| 550 | 1.0 | 4870 | 1330 | 2300 | 5.3 | 20 |
| | 1.5 | 4990 | 1400 | | 8.0 | 40 |
| | 1.75 | 5070 | 1450 | | 9.3 | 40 |
| 630 | 1.0 | 4870 | 1330 | 2300 | 5.3 | 20 |
| | 1.5 | 4990 | 1400 | | 8.0 | 40 |
| | 1.75 | 5070 | 1450 | | 9.3 | 40 |
| 680 | 1.0 | 4870 | 1330 | 2300 | 5.3 | 20 |
| | 1.5 | 4990 | 1400 | | 8.0 | 40 |
| | 1.75 | 5070 | 1450 | | 9.3 | 40 |
| 750 | 1.0 | 4870 | 1330 | 2500 | 5.3 | 20 |
| | 1.5 | 4990 | 1400 | | 8.0 | 40 |
| | 1.75 | 5070 | 1450 | | 9.3 | 40 |
| | 2.0 | 5170 | 1520 | | 10.7 | 40 |
| | 2.5 | 5460 | 2230 | | 22.1 | 60 |
| 800 | 1.0 | 4870 | 1330 | 2300 | 6.5 | 30 |
| | 1.5 | 4990 | 1400 | | 9.8 | 40 |
| | 1.75 | 5070 | 1450 | | 11.4 | 40 |
| | 2.0 | 5170 | 1520 | | 13.1 | 50 |
| | 2.5 | 5460 | 1750 | | 22.1 | 60 |
| 1000 | 1.0 | 4440 | 1330 | 2300 | 6.5 | 30 |
| | 1.5 | 4550 | 1400 | | 9.8 | 40 |
| | 1.75 | 4630 | 1450 | | 11.4 | 40 |
| | 2.0 | 4730 | 1520 | | 13.1 | 50 |
| | 2.5 | 5100 | 1750 | | 22.1 | 60 |
| 1150 | 1.0 | 4440 | 1330 | 2300 | 7.6 | 30 |
| | 1.5 | 4550 | 1400 | | 11.4 | 50 |
| | 1.75 | 4630 | 1450 | | 13.5 | 50 |
| | 2.0 | 4730 | 1520 | | 15.3 | 60 |
| | 2.5 | 5100 | 1750 | | 22.1 | 60 |
| 1350 | 1.0 | 4560 | 1380 | 2500 | 8.9 | 40 |
| | 1.5 | 4770 | 1550 | | 13.2 | 60 |
| | 1.75 | 4800 | 1550 | | 15.5 | 60 |
| | 2.0 | 4940 | 1660 | | 17.7 | 60 |
| | 2.5 | 5190 | 1820 | | 26.2 | 60 |
| 1600 | 1.0 | 4560 | 1380 | 2500 | 10.5 | 40 |
| | 1.5 | 4770 | 1550 | | 15.7 | 60 |
| | 1.75 | 4800 | 1550 | | 18.4 | 60 |
| | 2.0 | 4940 | 1660 | | 21 | 60 |
| | 2.5 | 5190 | 1820 | | 26.2 | 100 |

MACHINE BEAM & PIT REACTION VALUE

| RATED LOAD (KG) | REACTION ON THE BEAM | | HOOK | PIT IMPACT LOAD ON THE PIT | |
|-----------------|----------------------|-------|-------------|----------------------------|--------------------------|
| | P1 | P2 | IMPACT LOAD | CAR SIDE (P1) | COUNTER WEIGHT SIDE (P2) |
| 550 | 3200 | 5300 | 2000 | 7400 | 6300 |
| 630 | 4100 | 6000 | 2000 | 7800 | 6500 |
| 680 | 4200 | 6100 | 2000 | 8000 | 6600 |
| 750 | 5000 | 7400 | 2000 | 9400 | 8100 |
| 900 | 5800 | 8600 | 2500 | 11600 | 10000 |
| 1000 | 6000 | 8800 | 2500 | 12000 | 10200 |
| 1150 | 6300 | 9000 | 3000 | 12600 | 10500 |
| 1350 | 8300 | 12400 | 3100 | 15400 | 12900 |
| 1600 | 8600 | 12800 | 3500 | 16400 | 13400 |

CAR / SHAFT DIMENSIONS

| RATED LOAD (KG) | DOOR OPENING (W×H)(MM) | CAR SIZE (A×B)(MM) | SHAFT SIZE (X×Y)(MM) | MACHINEROOM (M×M×MY)(MM) |
|-----------------|------------------------|--------------------|----------------------|--------------------------|
| 550 | 800 × 2100 | 1100 × 1300 | 1800 × 1900 | 1800 × 3900 |
| 630 | 800 × 2100 | 1200 × 1300 | 1800 × 1900 | 1800 × 3900 |
| 680 | 800 × 2100 | 1300 × 1300 | 1800 × 1900 | 1800 × 3900 |
| 750 | 800 × 2100 | 1400 × 1300 | 1800 × 1900 | 1800 × 3900 |
| 900 | 900 × 2100 | 1600 × 1350 | 2100 × 1950 | 2100 × 3950 |
| 1000 | 900 × 2100 | 1600 × 1450 | 2100 × 2050 | 2100 × 4050 |
| 1150 | 1000 × 2100 | 1800 × 1450 | 2300 × 2050 | 2300 × 4050 |
| | | | 2350 × 2095* | 2450 × 4095 |
| 1350 | 1000 × 2100 | 1800 × 1650 | 2400 × 2360 | 2400 × 4360 |
| 1600 | 1100 × 2100 | 2000 × 1700 | 2550 × 2410 | 2550 × 4410 |

* rated speed = 2.5m/s

Remarks: These dimensions are valid for elevator following the EN81-20/50 code

YOUR INNOVATION PARTNER

elevators and escalators in service

countries serviced

1,200,000 100+

employees

50,000+

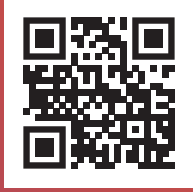
service available for customers

locations

24/7 1,000+

service technicians

24,000+



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