

meta200

SENSE THE DIFFERENCE

MOVE BEYOND

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.



Increase your returns

High performance German engineering makes meta200 a great investment.



Underline your building’s premium

Trend-based interiors to match your building‘s style and extend the bulding‘s vibe into the elevator.



Provide a stylish experience

With a focus on usability and overall ride comfort, meta200 ensures you travel in comfort and style.

DESIGNED FOR

- Mid-rise residential and commercial buildings

SPECIFICATIONS

- Max. travel height: ≤150m
- Max. number of floors: ≤40
- Rated load: 1,600kg
- Rated speed: ≤3.0m/s

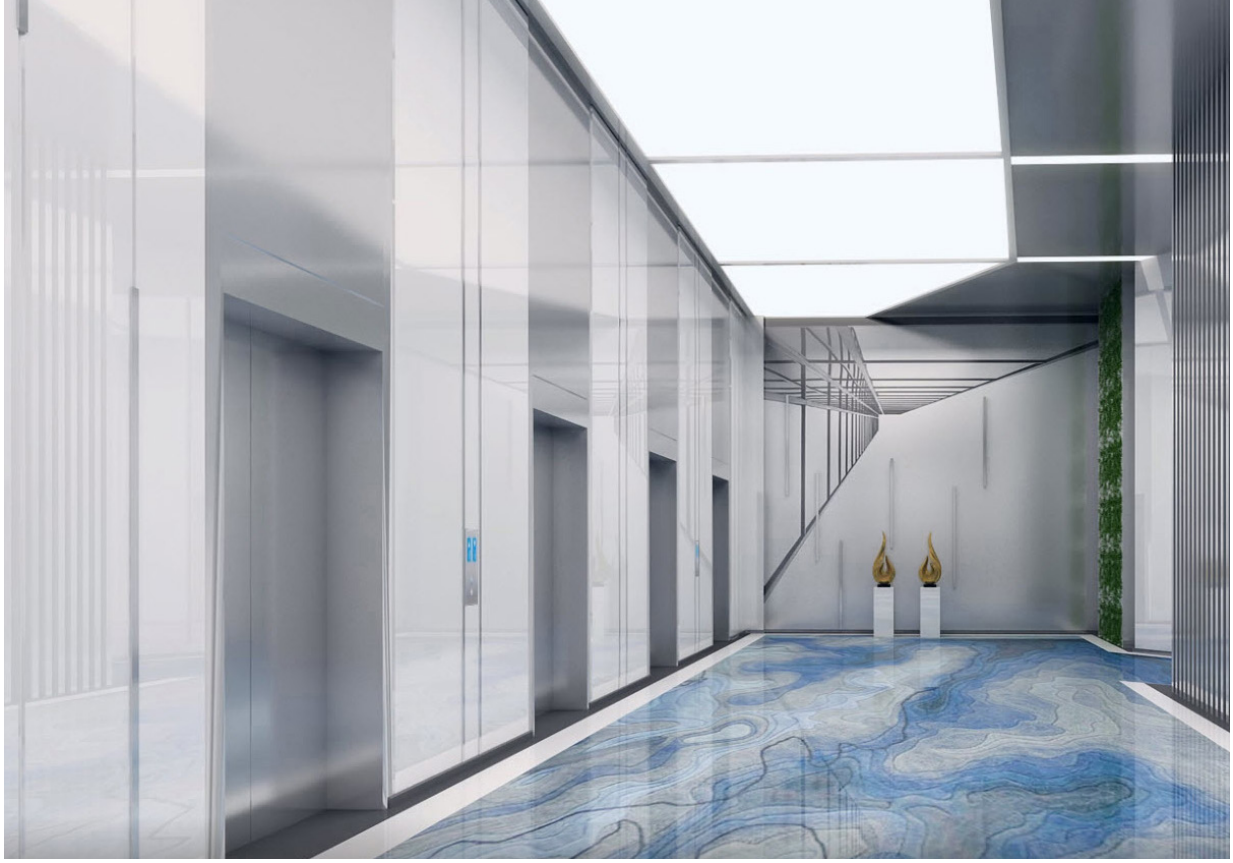
Increase your returns

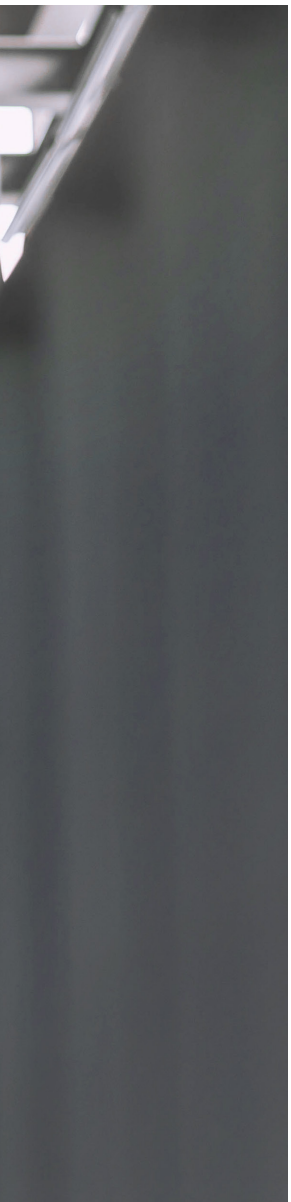
Named as one of the World's Top 50 Most Innovative Companies, TK Elevator's advanced engineering leads the elevator industry.

Quality that will enhance your building's value

With a long history of expertise and market-leading innovations, TK Elevator has grown to become one of the world's principal elevator companies. Our success is built on German precision engineering, stringent processes and strict international code compliance, so that TKE will enhance any building's value.







Specifications to meet your buildings needs

meta200 fits a wide variety of applications, meeting the needs of mid-rise buildings across all segments from office, retail, malls and residential. With MR solutions up to 1600kg at 3m/s and MRL solutions up to 1600kg at 2m/s, our elevators are equipped with a wide array of features to meet project demands.



Underline your building’s premium

With cabins based on the latest interior design trends,
you can extend your building’s vibe into the elevator.





Designs to match your building's style

Our team of experienced designers has studied the latest trends to bring you a range of premium quality cabins that will underline your commitment to style and your building's premium. Using high-end materials, we offer a range of finishes, color coatings, mirror finish and etched stainless steel.

Enhanced safety and security systems

Should power fail, the Automatic Rescue Device (ARD) releases passengers on the nearest floor for immediate exit. Our in-car camera helps property management to monitor the situation and our voice calm-down function will be activated to keep passengers notified and reduce their stress.



STYLISH

Stylish interior design with a touch of luxury.







CLASSY LUXE

Ceiling
S1-C1

Rear Wall
Artificial marble with mirror finish stainless steel trim +
Vibratory finish stainless steel with champagne gold coating

Side Wall
Vibratory finish stainless steel with champagne gold coating +
Mirror finish stainless steel

Front Wall / Car Door
Vibratory finish stainless steel with
champagne gold coating

Floor
TB8937 + TB6013



Handrail
TRH01



COP
CF3A-A11
Hairline finish stainless steel
with champagne gold coating







SUBTLE LUXE

Ceiling
S1-C1

Rear Wall
Etched mirror finish stainless steel +
Hairline finish stainless steel

Side Wall
Film on metal + Sandblast finish stainless steel
with champagne gold coating

Front Wall / Car Door
Sandblast finish stainless steel with
champagne gold coating

Floor
TB8937 + TB6013

Handrail
HRA1



COP
CF3A-A11
Hairline finish stainless steel
with champagne gold coating

HERITAGE REFINED

Revival of colors, crafts and materials from the past with today's conveniences.







HERITAGE CHARM

Ceiling
S1-C1

Rear Wall
Hairline finish stainless steel with champagne gold coating +
Mirror finish stainless steel with black titanium coating

Side Wall
Hairline finish stainless steel with
champagne gold coating

Front Wall / Car Door
Vibratory finish stainless steel with
champagne gold coating

Floor
H260

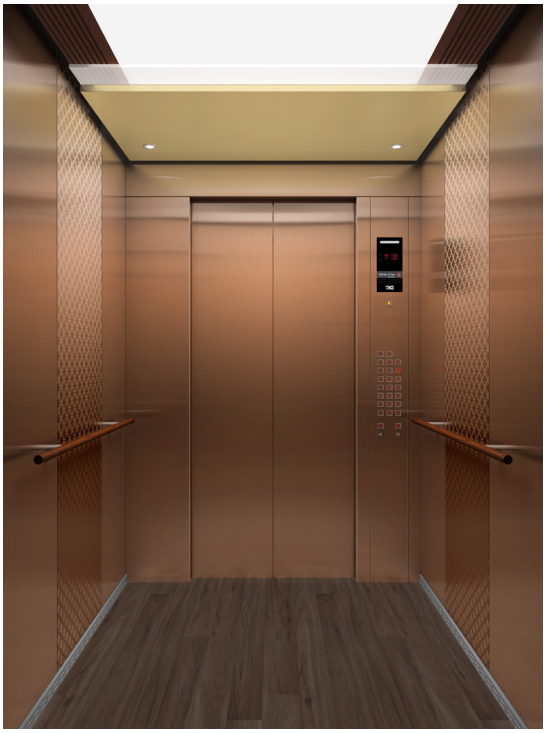
Handrail
HRA1



COP
CF3A-A11
Hairline finish stainless steel
with champagne gold coating







REFINED CHARM

Ceiling
S1-C1

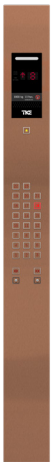
Rear Wall
Etched hairline finish stainless steel with rose gold coating +
Mirror finish stainless steel with rose gold coating

Side Wall
Etched hairline finish stainless steel with rose gold coating +
Hairline finish stainless steel with rose gold coating

Front Wall / Car Door
Hairline finish stainless steel with rose gold coating

Floor
TFW03

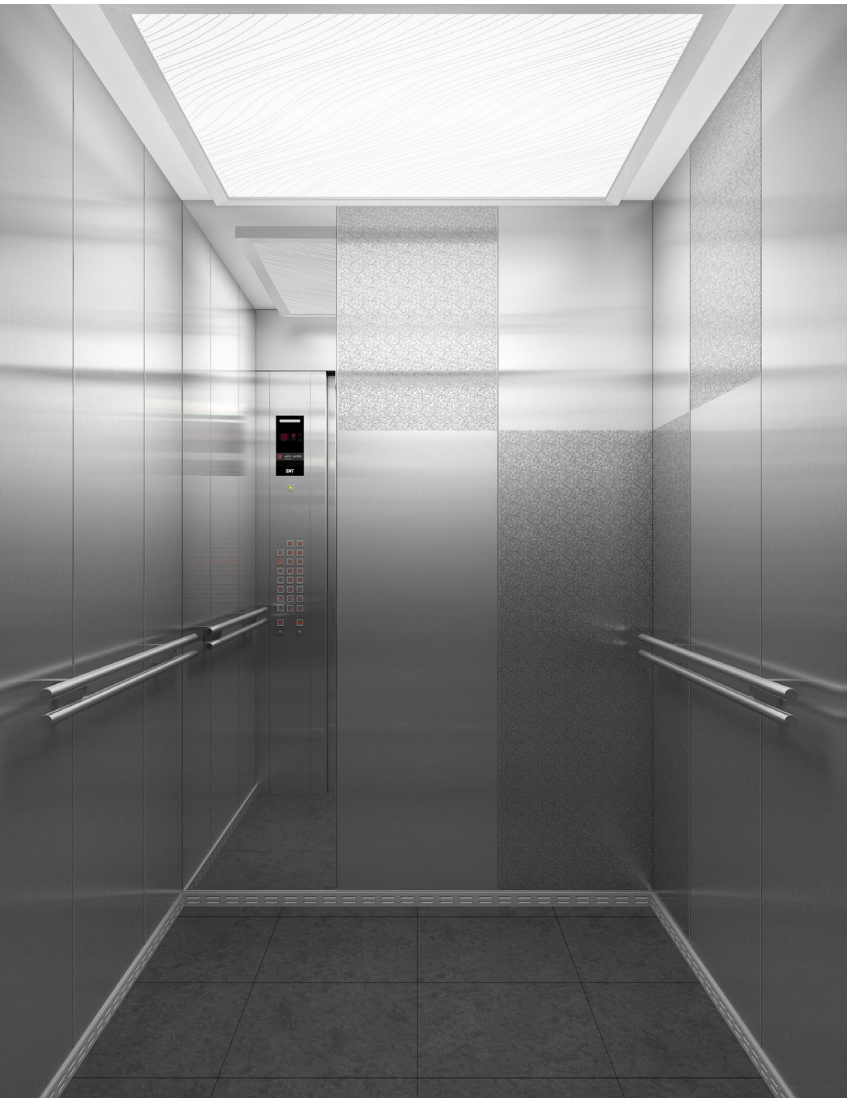
Handrail
HRA1



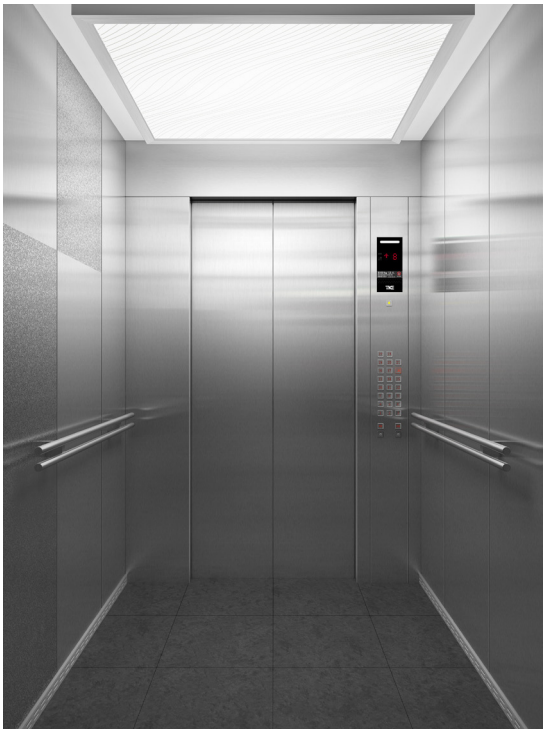
COP
CF3A-A11
Hairline finish stainless steel
with rose gold coating

CONTEMPORARY

Minimalistic interior design,
influenced by local taste.







FLORAL TWIST

Ceiling
S3-C1

Rear Wall
Mirror finish stainless steel +
Etched hairline finish stainless steel

Side Wall
Hairline finish stainless steel +
Etched hairline finish stainless steel

Front Wall / Car Door
Hairline finish stainless steel

Floor
TB8937



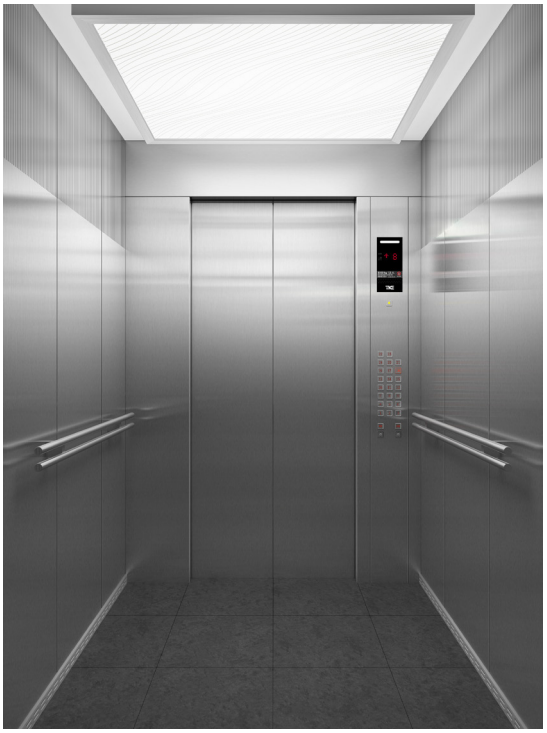
Handrail
TRH06



COP
CF3A-A11
Hairline finish stainless steel







STRIPE TWIST

Ceiling
S3-C1

Rear Wall
Etched hairline finish stainless steel

Side Wall
Etched hairline finish stainless steel

Front Wall / Car Door
Hairline finish stainless steel

Floor
TB8937



Handrail
TRH06



COP
CF3A-A11
Hairline finish stainless steel

NATURAL HOME

A cosy, warm and comfortable interior setting, created using natural textures.







NATURAL FLOW

Ceiling
S3-C1

Rear Wall
Resin plate +Aluminum alloy trim

Side Wall
Film on metal

Front Wall / Car Door
Hairline finish stainless steel

Floor
TFW13



Handrail
TRH01



COP
CF3A-A11
Hairline finish stainless steel







NATURAL CALM

Ceiling
S1-C1

Rear Wall
Laminated painted glass with mint green +
Mirror finish stainless steel trim

Side Wall
Power coating RAL9003

Front Wall / Car Door
Hairline finish stainless steel

Floor
TB8937



Handrail
TRH01



COP
CF3A-A11
Hairline finish stainless steel

CREATE YOUR OWN CABIN WITH TK ELEVATOR DESIGN PALETTE

Creating your own cabin design is made easy using our themed selections of high quality materials, lighting and finishes. Each one is carefully composed to ensure a harmonious result that will match the aesthetics of your building.

Follow the step-by-step guide and use the cabin decoration material samples to help visualize your creativity. It is easy to be inspired, confident that you are creating an outstanding elevator cabin design.







01
Select
your style

02
Design
your cabin

03
Finalize
your design

Provide a stylish experience

With a strong focus on usability, cabin atmosphere and overall ride comfort, meta200 ensures users travel in comfort and style.





Smooth rides

Advanced car design with damping device provides a smooth and comfortable travel experience.

Clean atmosphere

Powerful air-conditioning and air-purifying keep the atmosphere cool and the air fresh.

Harmonious lighting

Soft lighting creates a relaxed and pleasant atmosphere, and maintains a comfortable color temperature.

Clear cabin sounds

Intelligent car arrival chime with adjustable sound effects and volume.



DESIGNED FOR THE ENTRANCE

Starting at the lobby, make a first-class impression with meta200's premium selection of hall lanterns, doors and control panels.

Hall lantern



HL103



HL104



HL109



HL102



HL101

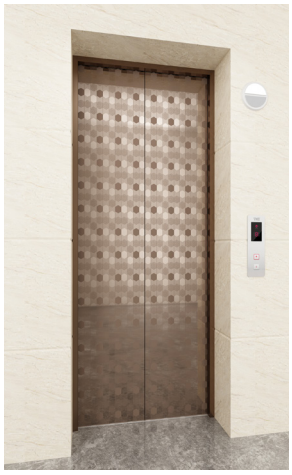


HL107



Hall door

Door designs to complement your lobby and halls.



Etched hairline finish with bronze coating P026-EM-BR



Etched hairline finish with rose gold coating P028-EH-TR



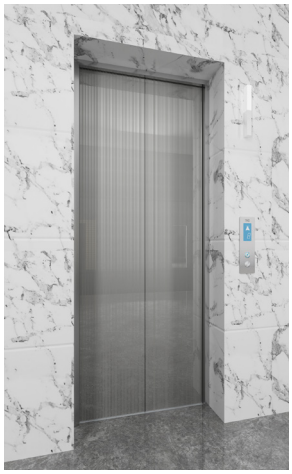
Etched hairline finish with titanium coating P014-EM-TG



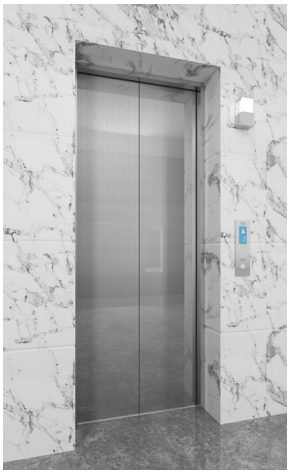
Etched hairline finish with titanium coating P027-EH-TG



Etched hairline finish P036-EH



Etched mirror finish P009-EM



Etched mirror finish P022-EM

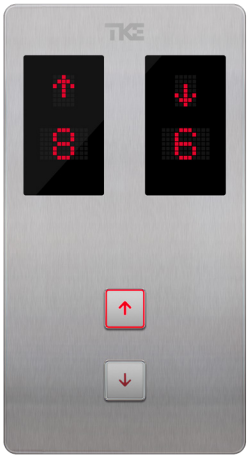
FIXTURES

LOP

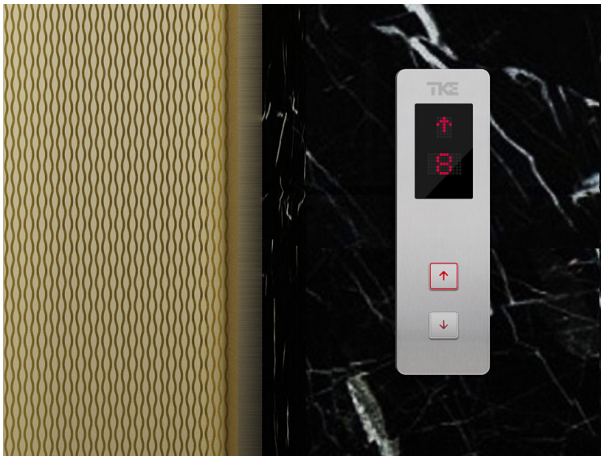
LOP configurations to match your cabin design.



LS1A-A11



LD1A-A11



Panel	Stainless steel
Indicator	Red dot matrix
Button	Square button with red light



LS1A-D23



LD1A-D23



Panel	Stainless steel
Indicator	Blue white segment LCD
Button	Round button with blue light

COP

2 different COP to suit your building.



CF3A-A11



CF3A-D23







Square button
MT42



Round button
AN180

YOUR INNOVATION PARTNER

elevators and escalators in service

1,200,000

countries serviced

100+

employees

50,000+

service available for customers

24/7

locations

1,000+

service technicians

24,000+

WWW.TKELEVATOR.COM

meta200 English (04/2021) TK Elevator Innovation and Operations GmbH Asia Pacific Office
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meta200 (GB CODE)

FUNCTION LIST (MACHINEROOM-LESS)

CATEGORY	NO.	FUNCTION	STANDARD / OPTION
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
	18	Door nudging	O
Safety and Emergency Functions	19	Landing to the nearest floor in case of problem (e.g. Overheat of motor, car position missing)	S
	20	Fire emergency return (FER)	S
	21	Alarm button & intercom button	S
	22	Emergency car lighting	S
	23	Overload protect	S
	24	Repeat door closing in the event of lock failure	S
	25	Door overload protect	S
	26	Safety curtain for door	S
	27	Parking (by key switch)	S
	28	Phase failure and phase reversal protection	S
	29	Lockable main switch integrated for controller cabinet	S
	30	Emergency electrical operation	S
	31	Inspection operation	S
	32	Traction machine overheat supervision	S
	33	Traction machine skidding protection	S
	34	Prepared fire emergency return signal	S
	35	Unintended car movement protection	S
	36	Restrict the opening of the car door inside the car	S
	37	Brake torque detection function	S
	38	Door lock safety device failure detection	S
	39	Emergency operation for electrical brake release	S
	40	Main COP attendance	O
	41	Fireman service	O

meta200 (GB CODE)

FUNCTION LIST (MACHINEROOM-LESS)

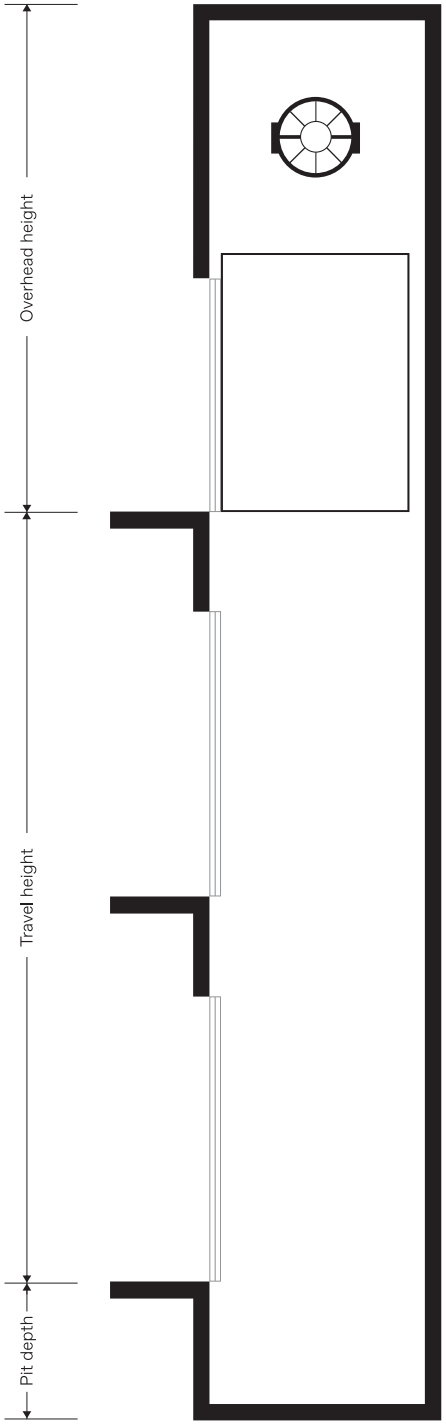
CATEGORY	NO.	FUNCTION	STANDARD / OPTION
Safety and Emergency Functions	42	Door lock bypass function	S
	43	Automatic rescue operation	O
	44	Earthquake function (sensors by customer)	O
	45	Earthquake function (include sensors)	O
	46	Emergency power operation (generator by customer)	O
	47	Top of car emergency exit	O
Trip Functions	48	3D safety curtain	O
	49	Automatic doors	S
	50	Collective fault signal	S
	51	Operation counter (trip and hour)	S
	52	Car priority	O
	53	Through door	O
	54	Selective door (only in through car and second COP case)	O
	55	Special trip (landing priority) by key switch	O
Human Machine Interface	56	Card reader operate car call (instead of push button)	O
	57	Door close button	S
	58	Door open button	S
	59	Car call cancellation (by double press)	S
	60	Landing indicator of dot-matrix (red)	S
	61	Car indicator of dot-matrix (red)	S
	62	Landing indicator of 4.3" blue-white segment LCD	O
	63	Car indicator of 5.7" blue-white segment LCD	O
	64	Car arrival chime	O
	65	Landing arrival chime	O
	66	Speech synthesis service	O
	67	Second COP (exclude car attendant and intercom)	O
Monitoring and Tele-Service	68	COP for disabled persons (no indicator, braille push buttons as standard)	O
	69	Intercom system	S
	70	Traveling cable (include video transmission function)	O
	71	BAS interface function (dry contactor signal)	O
	72	Color video camera (in car)	O
	73	Remote monitor interfacing (exclude MH2 board)	O
	74	Remote monitor interfacing (include MH2 board, without modem)	O
	75	Supervision panel (cable by other, cable length≤150m)	O
	76	Build automation interfacing (RS232, MM board)	O
	77	Build automation interfacing (RS485, MMC board)	O
Group/Duplex Control	78	Lift monitoring system (exclude computer & printer)	O
	79	Group control (max. 8 units)	O
	80	Continued group / duplex operation in case of failure of the other elevator	O
	81	Peak service function (only for group control)	O
	82	Taking units out of group (timer / switch)	O

* S - Standard; O - Option

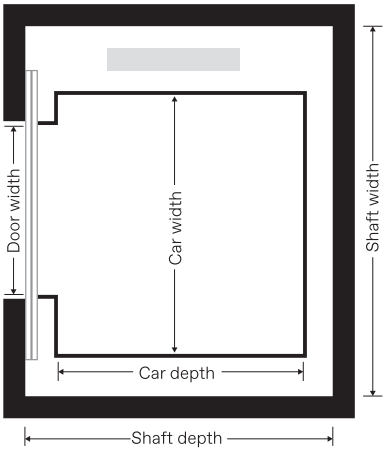
meta200 (GB CODE)

LAYOUT (MACHINEROOM-LESS)

Shaft vertical section



Shaft plan (centre opening)



meta200 (GB CODE)

TECHNICAL SPECIFICATIONS (MACHINEROOM-LESS)

RATED LOAD (KG)	RATED SPEED (M/S)	MAX. TRAVEL HEIGHT (M)	MAX. NUMBER OF FLOORS	DOOR SIZE (DW × DH) (MM)	CAR SIZE (CW × CD × CH) (MM)	SHAFT SIZE (SW × SD) (MM)
630	1.0	50	17	800 × 2100	1100 × 1400 × 2400	1820 × 1800
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
800	1.0	50	17	800 × 2100	1350 × 1400 × 2400	1950 × 1800
	1.5	75	26			
	1.6	75	26			
	1.75	90	31			
	2.0	110	32			2050 × 1800
1000	1.0	50	17	900 × 2100	1600 × 1400 × 2400	2200 × 1800
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			2300 × 1800
1150	1.0	50	17	1100 × 2100	1800 × 1400 × 2400	2600 × 1800
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
1250	1.0	50	17	1100 × 2100	2000 × 1450 × 2400	2750 × 2050
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
1350	1.0	50	17	1100 × 2100	2000 × 1550 × 2400	2750 × 2050
	1.5	75	26			
	1.6	75	26			
	1.75	90	31			
	2.0	110	32			
1600	1.0	50	17	1100 × 2100	2000 × 1750 × 2400	2750 × 2250
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			

MIN. OVERHEAD HEIGHT & MIN. PIT DEPTH

RATED SPEED (M/S)	MIN. OVERHEAD HEIGHT (MM)				MIN. PIT DEPTH (MM)			
	630KG	800-1150KG	1150KG	1250-1600KG	630KG	800-1150KG	1150KG	1250-1600KG
1.0	3750	3750	3850	4200	1300	1300	1200	1550
1.5	3950	3950	4000	4350	1450	1450	1450	1550
1.6	3950	3950	4000	4350	1450	1450	1450	1600
1.75	4000	4000	4050	4450	1550	1500	1550	1750
2.0	/	4250	4250	4450	/	1600	1600	1750

meta200 (GB CODE)

FUNCTION LIST (MACHINEROOM)

CATEGORY	NO.	FUNCTION	STANDARD / OPTION
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
	18	Door nudging	O
Safety and Emergency Functions	19	Landing to the nearest floor in case of problem (e.g. Overheat of motor, car position missing)	S
	20	Fire emergency return (FER)	S
	21	Alarm button & intercom button	S
	22	Emergency car lighting	S
	23	Overload protect	S
	24	Repeat door closing in the event of lock failure	S
	25	Door overload protect	S
	26	Safety curtain for door	S
	27	Parking (by key switch)	S
	28	Phase failure and phase reversal protection	S
	29	Lockable main switch integrated for controller cabinet	S
	30	Emergency electrical operation	S
	31	Inspection operation	S
	32	Traction machine oveheat supervision	S
	33	Traction machine skidding protection	S
	34	Prepared fire emergency return signal	S
	35	Unintended car movement protection	S
	36	Restrict the opening of the car door inside the car	S
	37	Brake torque detection function	S
	38	Door lock safety device failure detection	S
	39	Main COP attendance	O
	40	Fireman service	O
	41	Door lock bypass function	S

meta200 (GB CODE)

FUNCTION LIST (MACHINEROOM)

CATEGORY	NO.	FUNCTION	STANDARD / OPTION
Safety and Emergency Functions	42	Automatic rescue operation	O
	43	Earthquake function (sensors by customer)	O
	44	Earthquake function (include sensors)	O
	45	Emergency power operation (generator by customer)	O
	46	Top of car emergency exit	O
	47	3D safety curtain	O
Trip Functions	48	Automatic doors	S
	49	Collective fault signal	S
	50	Operation counter (trip and hour)	S
	51	Car priority	O
	52	Through door	O
	53	Selective door (only in through car and second COP case)	O
	54	Special trip (landing priority) by key switch	O
	55	Card reader operate car call (instead of push button)	O
Human Machine Interface	56	Door close button	S
	57	Door open button	S
	58	Car call cancellation (by double press)	S
	59	Landing indicator of dot-matrix (red)	S
	60	Car indicator of dot-matrix (red)	S
	61	Landing indicator of 4.3" blue-white segment LCD	O
	62	Car indicator of 5.7" blue-white segment LCD	O
	63	Car arrival chime	O
	64	Landing arrival chime	O
	65	Speech synthesis service	O
	66	Second COP (exclude car attendant and intercom)	O
	67	COP for disabled persons (no indicator, braille push buttons as standard)	O
Monitoring and Tele-Service	68	Intercom system	S
	69	Traveling cable (include video transmission function)	O
	70	BAS interface function (dry contactor signal)	O
	71	Color video camera (in car)	O
	72	Remote monitor interfacing (exclude MH2 board)	O
	73	Remote monitor interfacing (include MH2 board, without modem)	O
	74	Supervision panel (cable by other, cable length≤150m)	O
	75	Build automation interfacing (RS232, MM board)	O
	76	Build automation interfacing (RS485, MMC board)	O
	77	Lift monitoring system (exclude computer & printer)	O
Group/Duplex Control	78	Group control (max. 8 units)	O
	79	Continued group / duplex operation in case of failure of the other elevator	O
	80	Peak service function (only for group control)	O
	81	Taking units out of group (timer / switch)	O

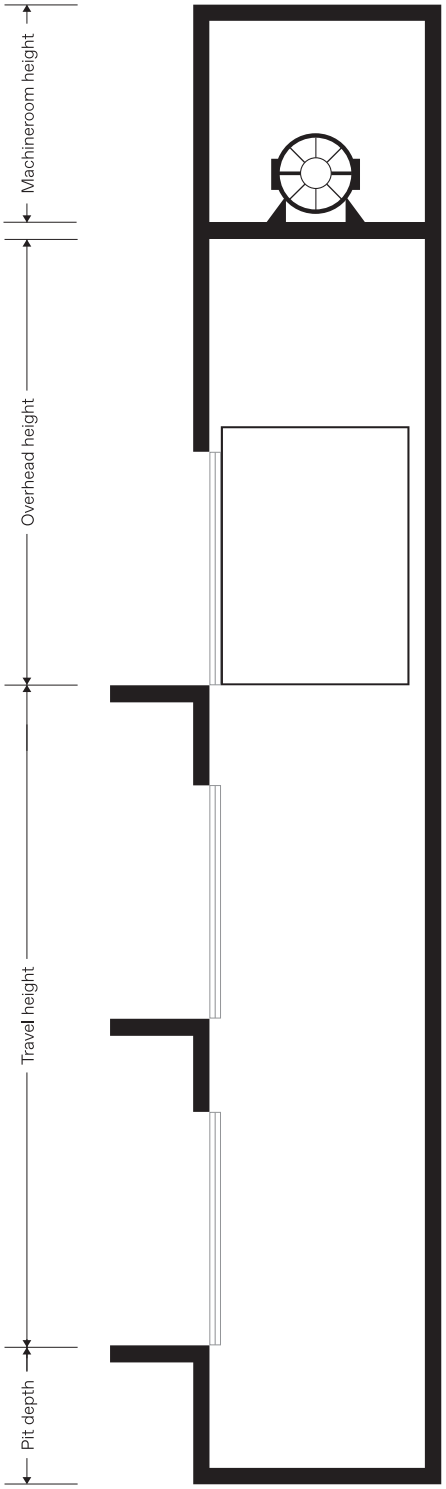
Note: S - Standard O - Option

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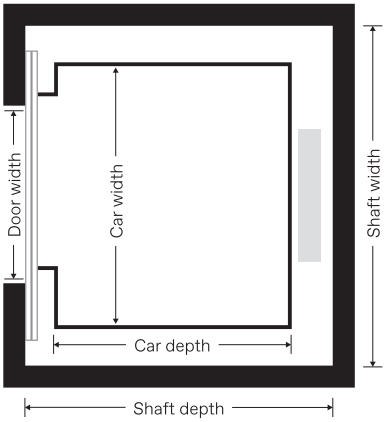
LAYOUT (MACHINEROOM)

COUNTER WEIGHT AT REAR

Shaft vertical section



Shaft plan (centre opening)



meta200 (GB CODE)

TECHNICAL SPECIFICATIONS (MACHINEROOM)

COUNTER WEIGHT AT REAR						
RATED LOAD (KG)	RATED SPEED (M/S)	MAX. TRAVEL HEIGHT (M)	MAX. NUMBER OF FLOORS	DOOR SIZE (DW × DH) (MM)	CAR SIZE (CW × CD × CH) (MM)	SHAFT SIZE (SW × SD) (MM)
630	1.0	55	18	800 × 2100	1100 × 1400 × 2400	1800 × 2000
	1.5	75	26			
	1.6	85	30			
	1.75	85	35			
800	1.0	50	17	800 × 2100	1350 × 1400 × 2400	1900 × 2000
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
	2.5	125	38			
	3.0	150	40			1900 × 2150
1000	1.0	50	17	900 × 2100	1600 × 1400 × 2400	2150 × 2000
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
	2.5	125	38			
	3.0	150	40			2150 × 2150
1150	1.0	50	17	1100 × 2100	1800 × 1400 × 2400	2350 × 2000
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
	2.5	125	38			
	3.0	150	40			2350 × 2150
1250	1.0	50	17	1100 × 2100	2000 × 1450 × 2400	2450 × 2170
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
	2.5	125	38			
	3.0	150	40			2500 × 2250
1350	1.0	50	17	1100 × 2100	2000 × 1550 × 2400	2450 × 2270
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
	2.5	125	38			
	3.0	150	40			2500 × 2350
1600	1.0	50	17	1100 × 2100	2000 × 1750 × 2400	2450 × 2470
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
	2.5	125	38			
	3.0	150	40			2500 × 2550

MIN. OVERHEAD HEIGHT & MIN. PIT DEPTH

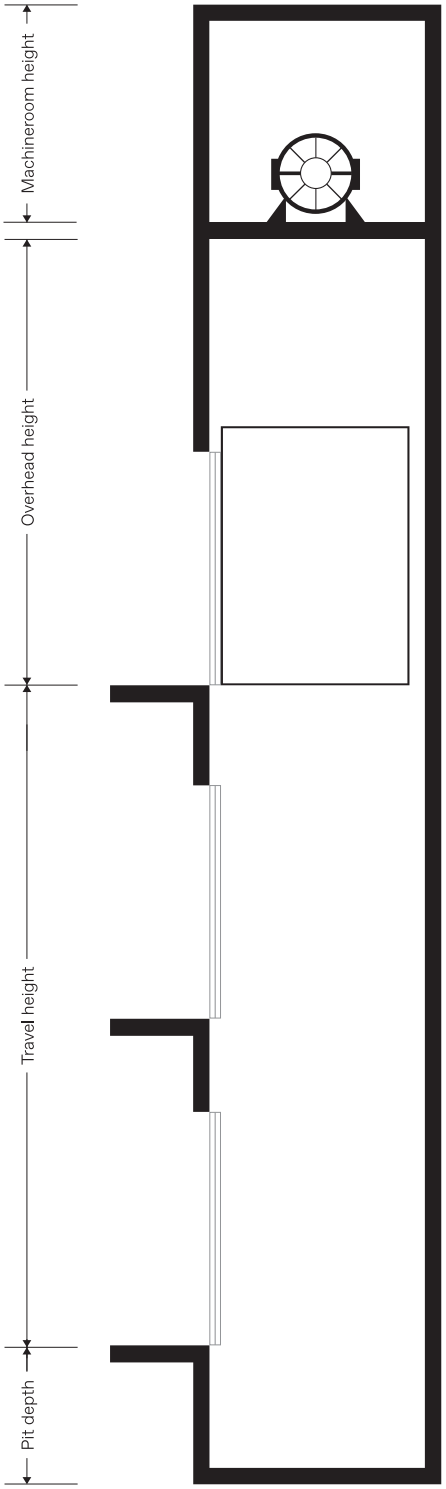
RATED SPEED (M/S)	MIN. OVERHEAD HEIGHT (MM)			MIN. PIT DEPTH (MM)		
	630KG	800-1150KG	1250-1600KG	630KG	800-1150KG	1250-1600KG
1.0	3800	3800	4100	1250	1250	1300
1.5	3900	3900	4400	1300	1300	1400
1.6	3900	3900	4450	1300	1300	1400
1.75	3950	3950	4500	1300	1300	1400
2.0	/	4050	4550	/	1350	1400
2.5	/	4750	4750	/	1750	1750
3.0	/	4750	5000	/	2200	2200

meta200 (GB CODE)

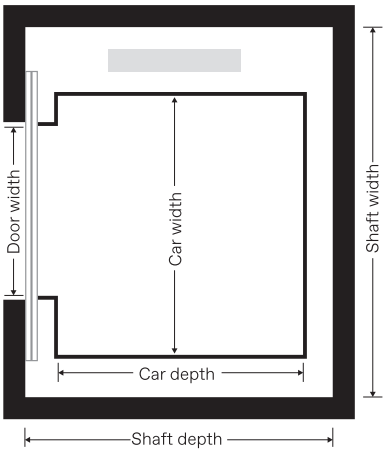
LAYOUT (MACHINEROOM)

COUNTER WEIGHT AT SIDE

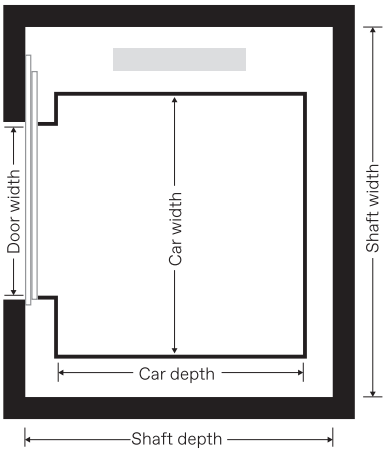
Shaft vertical section



Shaft plan (centre opening)



Shaft plan (side opening)



meta200 (GB CODE)

TECHNICAL SPECIFICATIONS (MACHINEROOM)

COUNTER WEIGHT AT SIDE						
RATED LOAD (KG)	RATED SPEED (M/S)	MAX. TRAVEL HEIGHT (M)	MAX. NUMBER OF FLOORS	DOOR SIZE (DW × DH) (MM)	CAR SIZE (CW × CD × CH) (MM)	SHAFT SIZE (SW × SD) (MM)
630	1.0	55	18	800 × 2100 (centre opening door)	1100 × 1400 × 2400	1850 × 1800
	1.6	85	30			
	1.75	85	35			
800	1.0	50	17	800 × 2100 (centre opening door)	1350 × 1400 × 2400	1950 × 1800
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
1000	1.0	50	17	900 × 2100 (centre opening door)	1600 × 1400 × 2400	2200 × 1800
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
1000	1.0	50	17	900 × 2100 (side opening door)	1100 × 2100 × 2400	1850 × 2550
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
1150	1.0	50	17	1100 × 2100 (centre opening door)	1800 × 1400 × 2400	2400 × 1800
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
1150	1.0	50	17	1000 × 2100 (side opening door)	1200 × 2100 × 2400	1950 × 2550
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
1250	1.0	50	17	1100 × 2100 (side opening door)	1400 × 2050 × 2400	2300 × 2540
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
	2.5	125	38			
1350	1.0	50	17	1100 × 2100 (side opening door)	1400 × 2200 × 2400	2300 × 2690
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
	2.5	125	38			
1600	1.0	50	17	1300 × 2100 (side opening door)	1400 × 2400 × 2400	2310 × 2890
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
	2.5	125	38			

MIN. OVERHEAD HEIGHT & MIN. PIT DEPTH

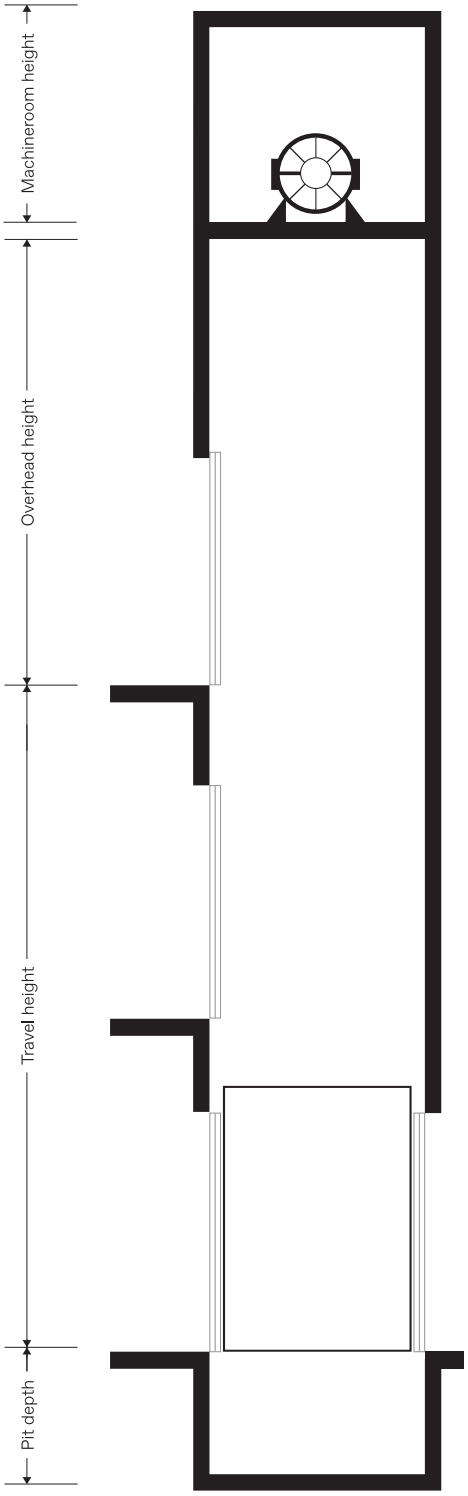
RATED SPEED (M/S)	MIN. OVERHEAD HEIGHT (MM)			MIN. PIT DEPTH (MM)		
	630KG	800-1150KG	1325-1600KG	630KG	800-1150KG	1250-1600KG
1.0	3750	3750	4100	1300	1300	1300
1.5	/	/	3900	/	/	1300
1.6	3900	3900	4450	1400	1400	1400
1.75	3950	3950	4500	1450	1450	1400
2.0	/	4050	4550	/	1550	1400
2.5	/	/	4750	/	/	1750

meta200 (GB CODE)

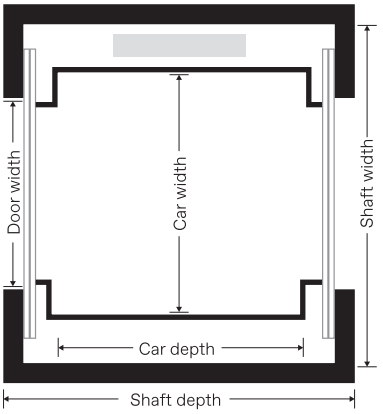
LAYOUT (MACHINEROOM)

THROUGH DOOR

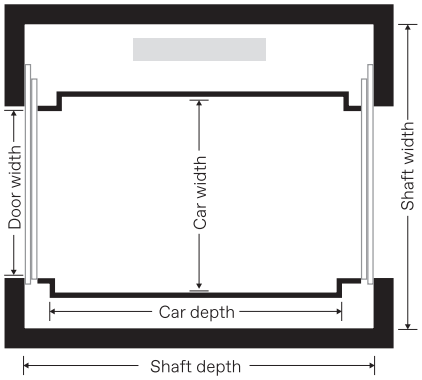
Shaft vertical section



Shaft plan (centre opening)



Shaft plan (side opening)



meta200 (GB CODE)

TECHNICAL SPECIFICATIONS (MACHINEROOM)

THROUGH DOOR						
RATED LOAD (KG)	RATED SPEED (M/S)	MAX. TRAVEL HEIGHT (M)	MAX. NUMBER OF FLOORS	DOOR SIZE (DW × DH) (MM)	CAR SIZE (CW × CD × CH) (MM)	SHAFT SIZE (SW × SD) (MM)
630	1.0	55	18	800 × 2100 (centre opening door)	1100 × 1320 × 2400	1820 × 1850
	1.5	75	26			
	1.6	85	30			
	1.75	85	35			
800	1.0	50	17	900 × 2100 (side opening door)	1100 × 1480 × 2400	1850 × 2120
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
1000	1.0	50	17	900 × 2100 (side opening door)	1100 × 1880 × 2400	1850 × 2520
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
1150	1.0	50	17	1000 × 2100 (side opening door)	1200 × 1880 × 2400	1950 × 2520
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
1250	1.0	50	17	1100 × 2100 (side opening door)	1400 × 1900 × 2400	2300 × 2540
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
	2.5	125	38			
1350	1.0	50	17	1100 × 2100 (side opening door)	1400 × 2050 × 2400	2300 × 2690
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
	2.5	125	38			
1600	1.0	50	17	1300 × 2100 (side opening door)	1400 × 2250 × 2400	2310 × 2890
	1.5	75	26			
	1.6	75	30			
	1.75	90	35			
	2.0	110	38			
	2.5	125	38			

MIN. OVERHEAD HEIGHT & MIN. PIT DEPTH

RATED SPEED (M/S)	MIN. OVERHEAD HEIGHT (MM)			MIN. PIT DEPTH (MM)		
	630KG	800-1150KG	1250-1600KG	630KG	800-1150KG	1250-1600KG
1.0	3800	3800	4100	1250	1250	1300
1.5	3900	3900	3900	1300	1300	1300
1.6	3900	3900	4450	1300	1300	1400
1.75	3950	3950	4500	1300	1300	1400
2.0	/	4050	4550	/	1350	1400
2.5	/	/	4750	/	/	1750

meta200 (EN CODE)

FUNCTION LIST (MACHINEROOM-LESS)

CATEGORY	NO.	FUNCTION	STANDARD / OPTION
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
	18	Door nudging	S
Safety and Emergency Functions	19	Landing to the nearest floor in case of problem (eg. Overheat of motor, car position missing)	S
	20	Fire emergency return (FER)	S
	21	Alarm button & intercom button	S
	22	Emergency car lighting	S
	23	Overload protect	S
	24	Repeat door closing in the event of lock failure	S
	25	Door overload protect	S
	26	Safety curtain for door	S
	27	Parking (by key switch)	S
	28	Phase failure and phase reversal protection	S
	29	Lockable main switch integrated for controller cabinet	S
	30	Emergency electrical operation	S
	31	Inspection operation	S
	32	Traction machine overheat supervision	S
	33	Traction machine skidding protection	S
	34	Prepared fire emergency return signal	S
	35	Unintended car movement protection	S
	36	Restrict the opening of the car door inside the car	S
	37	Brake torque detection function	S
	38	Door lock safety device failure detection	S
	39	Emergency operation for electrical brake release	S
	40	Main COP attendance	O
	41	Fireman service	O
	42	Door lock bypass function	S

meta200 (EN CODE)

FUNCTION LIST (MACHINEROOM-LESS)

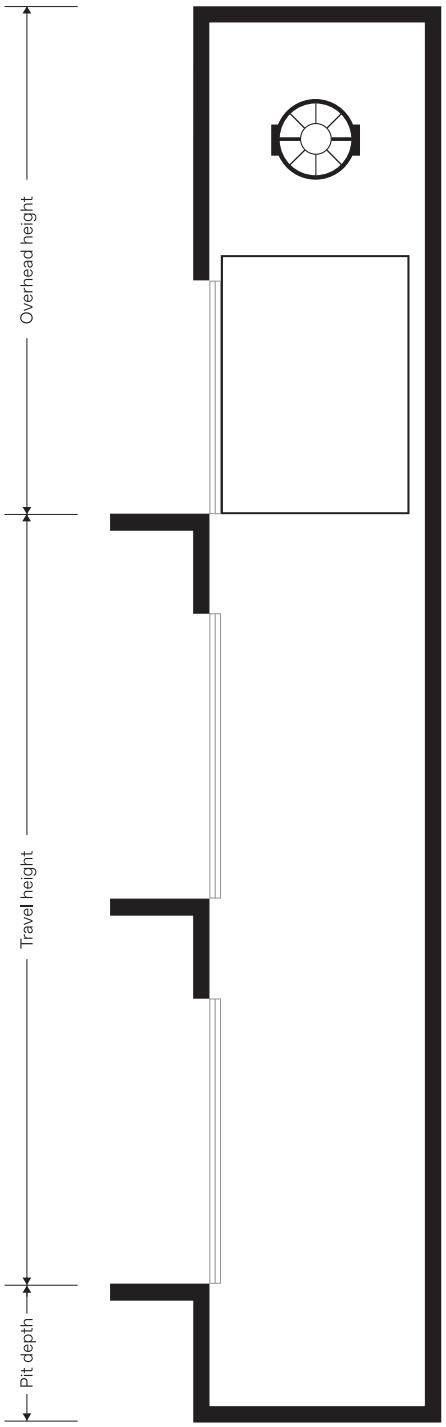
CATEGORY	NO.	FUNCTION	STANDARD / OPTION
Safety and Emergency Functions	43	Automatic rescue operation	O
	44	Earthquake function (sensors by customer)	O
	45	Earthquake function (include sensors)	O
	46	Emergency power operation (generator by customer)	O
	47	Top of car emergency exit	S
	48	Residual current devices function (RCD function)	S
	49	3D safety curtain	O
Trip Functions	50	Automatic doors	S
	51	Collective fault signal	S
	52	Operation counter (trip and hour)	S
	53	Car priority	O
	54	Through door	O
	55	Selective door (only in through car and second COP case)	O
	56	Special trip (landing priority) by key switch	O
	57	Card reader operate car call (instead of push button)	O
Human Machine Interface	58	Door close button	S
	59	Door open button	S
	60	Car call cancellation (by double press)	S
	61	Landing indicator of dot-matrix (red)	S
	62	Car indicator of dot-matrix (red)	S
	63	Landing indicator of 4.3" blue-white segment LCD	O
	64	Car indicator of 5.7" blue-white segment LCD	O
	65	Car arrival chime	O
	66	Landing arrival chime	O
	67	Speech synthesis service	O
	68	Second COP (exclude car attendant and intercom)	O
	69	COP for disabled persons (no indicator, braille push buttons as standard)	O
Monitoring and Tele-Service	70	Intercom system	S
	71	Traveling cable (include video transmission function)	O
	72	BAS interface function (dry contactor signal)	O
	73	Color video camera (in car)	O
	74	Remote monitor interfacing (exclude MH2 board)	O
	75	Remote monitor interfacing (include MH2 board, without modem)	O
	76	Supervision panel (cable by other, cable length≤150m)	O
	77	Build automation interfacing (RS232, MM board)	O
	78	Build automation interfacing (RS485, MMC board)	O
	79	Lift monitoring system (exclude computer & printer)	O
Group/Duplex Control	80	Group control (max. 8 units)	O
	81	Continued group / duplex operation in case of failure of the other elevator	O
	82	Peak service function (only for group control)	O
	83	Taking units out of group (timer / switch)	O

* S - Standard; O - Option

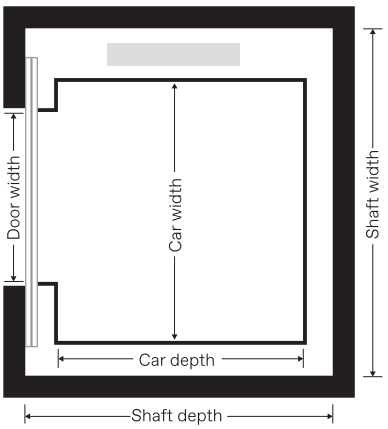
meta200 (EN CODE)

LAYOUT (MACHINEROOM-LESS)

Shaft vertical section



Shaft plan (centre opening)



meta200 (EN CODE)

TECHNICAL SPECIFICATIONS (MACHINEROOM-LESS)

RATED LOAD (KG)	RATED SPEED (M/S)	MAX. TRAVEL HEIGHT (M)	MAX. NUMBER OF FLOORS	DOOR SIZE (DW × DH) (MM)	CAR SIZE (CW × CD × CH) (MM)	SHAFT SIZE (SW × SD) (MM)
630	1.0	50	17	800 × 2100	1100 × 1400 × 2400	1825 × 1800
	1.5	75	26			
	1.6	75	26			
	1.75	90	31			
800	1.0	50	17	800 × 2100	1350 × 1400 × 2400	2050 × 1800
	1.5	75	26			
	1.6	75	26			
	1.75	90	31			
	2.0	110	32			
1000	1.0	50	17	900 × 2100	1600 × 1400 × 2400	2300 × 1800
	1.5	75	26			
	1.6	75	26			
	1.75	90	31			
	2.0	110	32			
1150	1.0	50	17	1100 × 2100	1800 × 1400 × 2400	2600 × 1800
	1.5	75	26			
	1.6	75	26			
	1.75	90	31			
	2.0	110	32			
1250	1.0	50	17	1100 × 2100	2000 × 1450 × 2400	2750 × 2050
	1.5	75	26			
	1.6	75	26			
	1.75	90	31			
	2.0	110	32			
1350	1.0	50	17	1100 × 2100	2000 × 1550 × 2400	2750 × 2050
	1.5	75	26			
	1.6	75	26			
	1.75	90	31			
	2.0	110	32			
1600	1.0	50	17	1100 × 2100	2000 × 1750 × 2400	2750 × 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 (M/S)	MIN. OVERHEAD HEIGHT (MM)			MIN. PIT DEPTH (MM)		
	630KG	800-1150KG	1250-1600KG	630KG	800-1150KG	1250-1600KG
1.0	4200	4200	4200	1200	1200	1550
1.5	4300	4300	4350	1450	1450	1550
1.6	4300	4300	4350	1450	1450	1600
1.75	4350	4350	4450	1550	1550	1750
2.0	/	4450	4450	/	1600	1750

meta200 (EN CODE)

FUNCTION LIST (MACHINEROOM)

CATEGORY	NO.	FUNCTION	STANDARD / OPTION
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
	18	Door nudging	O
Safety and Emergency Functions	19	Landing to the nearest floor in case of problem (eg. Overheat of motor, car position missing)	S
	20	Fire emergency return (FER)	S
	21	Alarm button & intercom button	S
	22	Emergency car lighting	S
	23	Overload protect	S
	24	Repeat door closing in the event of lock failure	S
	25	Door overload protect	S
	26	Safety curtain for door	S
	27	Parking (by key switch)	S
	28	Phase failure and phase reversal protection	S
	29	Lockable main switch integrated for controller cabinet	S
	30	Emergency electrical operation	S
	31	Inspection operation	S
	32	Traction machine overheat supervision	S
	33	Traction machine skidding protection	S
	34	Prepared fire emergency return signal	S
	35	Unintended car movement protection	S
	36	Restrict the opening of the car door inside the car	S
	37	Brake torque detection function	S
	38	Door lock safety device failure detection	S
	39	Main COP attendance	O
	40	Fireman service	O
	41	Door lock bypass function	S
	42	Automatic rescue operation	O

meta200 (EN CODE)

FUNCTION LIST (MACHINEROOM)

CATEGORY	NO.	FUNCTION	STANDARD / OPTION
Safety and Emergency Functions	43	Earthquake function (sensors by customer)	O
	44	Earthquake function (include sensors)	O
	45	Emergency power operation (generator by customer)	O
	46	Top of car emergency exit	O
	47	Residual current device function (RCD function)	S
	48	3D safety curtain	O
Trip Functions	49	Automatic doors	S
	50	Collective fault signal	S
	51	Operation counter (trip and hour)	S
	52	Car priority	O
	53	Through door	O
	54	Selective door (only in through car and second COP case)	O
	55	Special trip (landing priority) by key switch	O
	56	Card reader operate car call (instead of push button)	O
Human Machine Interface	57	Door close button	S
	58	Door open button	S
	59	Car call cancellation (by double press)	S
	60	Landing indicator of dot-matrix (red)	S
	61	Car indicator of dot-matrix (red)	S
	62	Landing indicator of 4.3" blue-white segment LCD	O
	63	Car indicator of 5.7" blue-white segment LCD	O
	64	Car arrival chime	O
	65	Landing arrival chime	O
	66	Speech synthesis service	O
	67	Second COP (exclude car attendant and intercom)	O
	68	COP for disabled persons (no indicator, braille push buttons as standard)	O
Monitoring and Tele-Service	69	Intercom system	S
	70	Traveling cable (include video transmission function)	O
	71	BAS interface function (dry contactor signal)	O
	72	Color video camera (in car)	O
	73	Remote monitor interfacing (exclude MH2 board)	O
	74	Remote monitor interfacing (include MH2 board, without modem)	O
	75	Supervision panel (cable by other, cable length≤150m)	O
	76	Build automation interfacing (RS232, MM board)	O
	77	Build automation interfacing (RS485, MMC board)	O
	78	Lift monitoring system (exclude computer & printer)	O
Group/Duplex Control	79	Group control (max. 8 units)	O
	80	Continued group / duplex operation in case of failure of the other elevator	O
	81	Peak service function (only for group control)	O
	82	Taking units out of group (timer / switch)	O

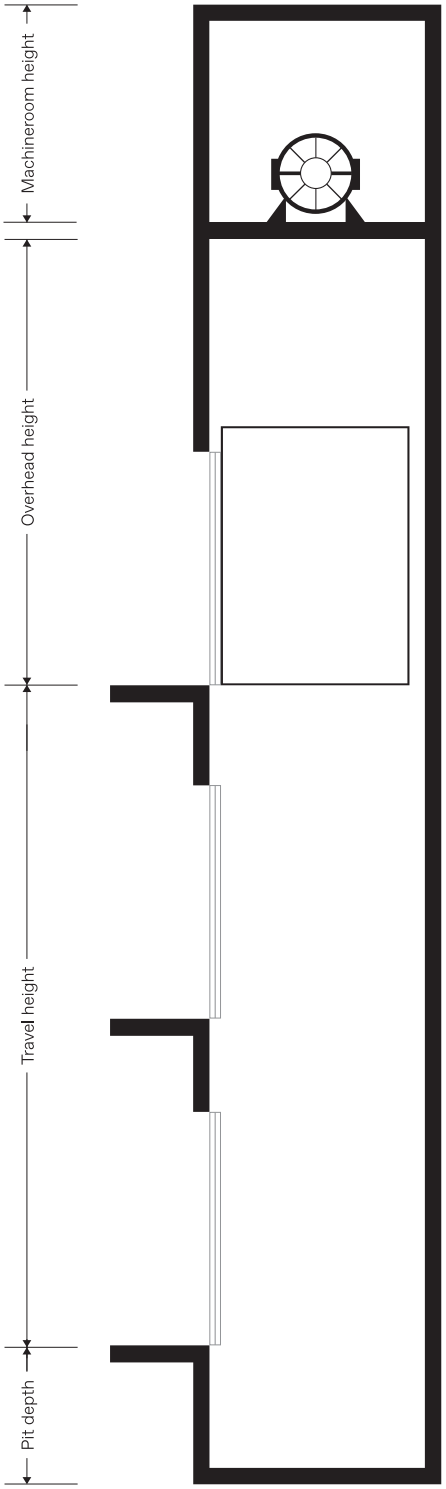
* S - Standard; O - Option

meta200 (EN CODE)

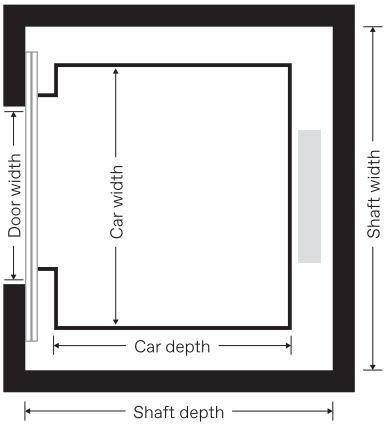
LAYOUT (MACHINEROOM)

COUNTER WEIGHT AT REAR

Shaft vertical section



Shaft plan (centre opening)



meta200 (EN CODE)

TECHNICAL SPECIFICATIONS (MACHINEROOM)

COUNTER WEIGHT AT REAR						
RATED LOAD (KG)	RATED SPEED (M/S)	MAX. TRAVEL HEIGHT (M)	MAX. NUMBER OF FLOORS	DOOR SIZE (DW × DH) (MM)	CAR SIZE (CW × CD × CH) (MM)	SHAFT SIZE (SW × SD) (MM)
630	1.0	55	18	800 × 2100	1100 × 1400 × 2400	1800 × 2000
	1.5	75	26			
	1.6	85	30			
	1.75	85	30			
800	1.0	55	17	800 × 2100	1350 × 1400 × 2400	1900 × 2000
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
	2.5	125	32			
	3.0	150	40			
1000	1.0	55	17	900 × 2100	1600 × 1400 × 2400	2150 × 2000
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
	2.5	125	32			
	3.0	150	40			
1150	1.0	55	17	1100 × 2100	1800 × 1400 × 2400	2350 × 2000
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
	2.5	125	32			
	3.0	150	40			
1250	1.0	55	17	1100 × 2100	2000 × 1450 × 2400	2450 × 2170
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
	2.5	125	32			
	3.0	150	40			
1350	1.0	55	17	1100 × 2100	2000 × 1550 × 2400	2450 × 2270
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
	2.5	125	32			
	3.0	150	40			
1600	1.0	55	17	1100 × 2100	2000 × 1750 × 2400	2450 × 2470
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
	2.5	125	32			
	3.0	150	40			

MIN. OVERHEAD HEIGHT & MIN. PIT DEPTH

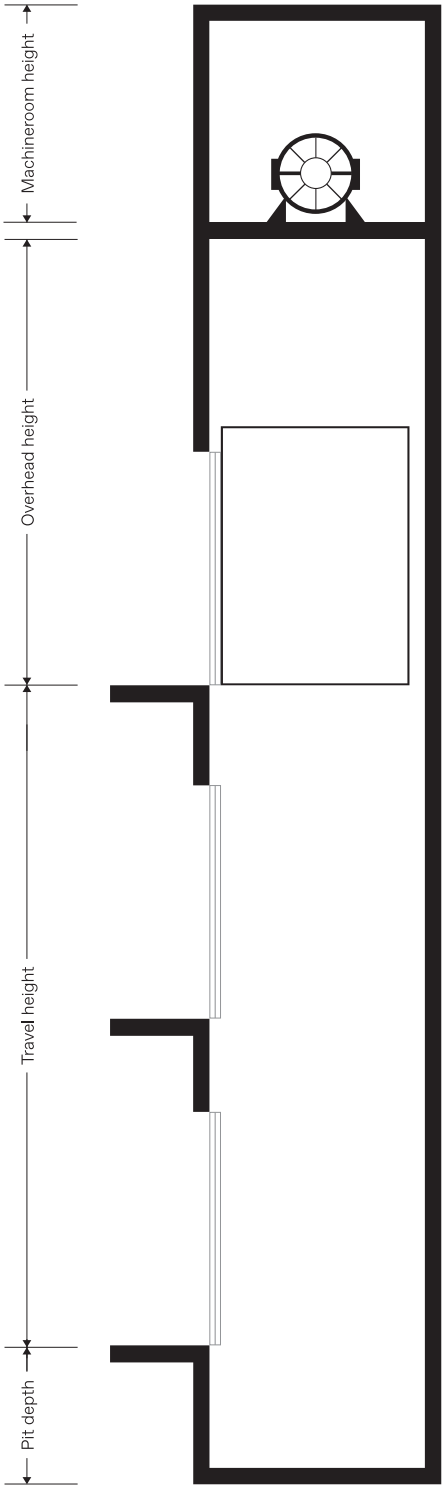
RATED SPEED (M/S)	MIN. OVERHEAD HEIGHT (MM)			MIN. PIT DEPTH (MM)			
	630KG	800-1150KG	1250-1600KG	630KG	800-1150KG	1250KG	1350-1600KG
1.0	4200	4100	4350	1600	1600	1650	1300
1.5	4300	4200	4500	1650	1650	1750	1400
1.6	4300	4200	4550	1650	1650	1750	1400
1.75	4350	4250	4550	1650	1650	1750	1400
2.0	/	4350	4600	/	1750	1800	1400
2.5	/	4750	4850	/	1950	1950	1750
3.0	/	5100	5150	/	2200	2200	2200

meta200 (EN CODE)

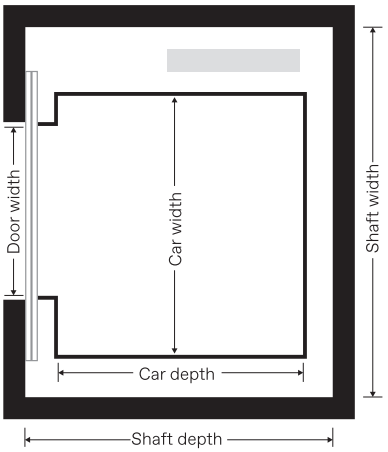
LAYOUT (MACHINEROOM)

COUNTER WEIGHT AT SIDE

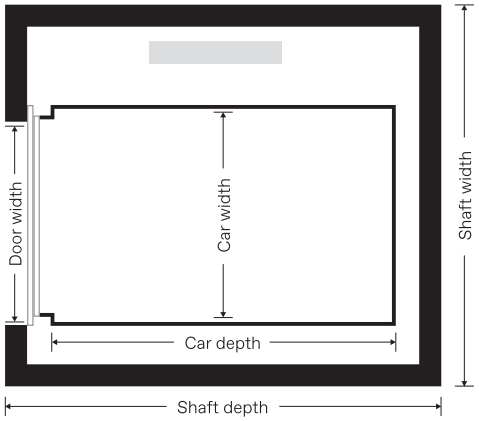
Shaft vertical section



Shaft plan (centre opening)



Shaft plan (side opening)



meta200 (EN CODE)

TECHNICAL SPECIFICATIONS (MACHINEROOM)

COUNTER WEIGHT AT SIDE						
RATED LOAD (KG)	RATED SPEED (M/S)	MAX. TRAVEL HEIGHT (M)	MAX. NUMBER OF FLOORS	DOOR SIZE (DW × DH) (MM)	CAR SIZE (CW × CD × CH) (MM)	SHAFT SIZE (SW × SD) (MM)
630	1.0	55	18	800 × 2100 (centre opening door)	1100 × 1400 × 2400	1820 × 1850
	1.5	75	26			
	1.6	85	30			
	1.75	85	30			
800	1.0	55	17	800 × 2100 (side opening door)	1100 × 1700 × 2400	1850 × 2150
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
1050	1.0	55	17	900 × 2100 (side opening door)	1100 × 2100 × 2400	1850 × 2550
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
1150	1.0	55	17	1100 × 2100 (side opening door)	1200 × 2100 × 2400	1950 × 2550
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
1325	1.0	55	17	1100 × 2100 (side opening door)	1400 × 2050 × 2400	2300 × 2540
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
	2.5	125	32			
1425	1.0	55	17	1100 × 2100 (side opening door)	1400 × 2200 × 2400	2300 × 2690
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
	2.5	125	32			
1600	1.0	55	17	1300 × 2100 (side opening door)	1400 × 2400 × 2400	2310 × 2890
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
	2.5	125	32			

MIN. OVERHEAD HEIGHT & MIN. PIT DEPTH

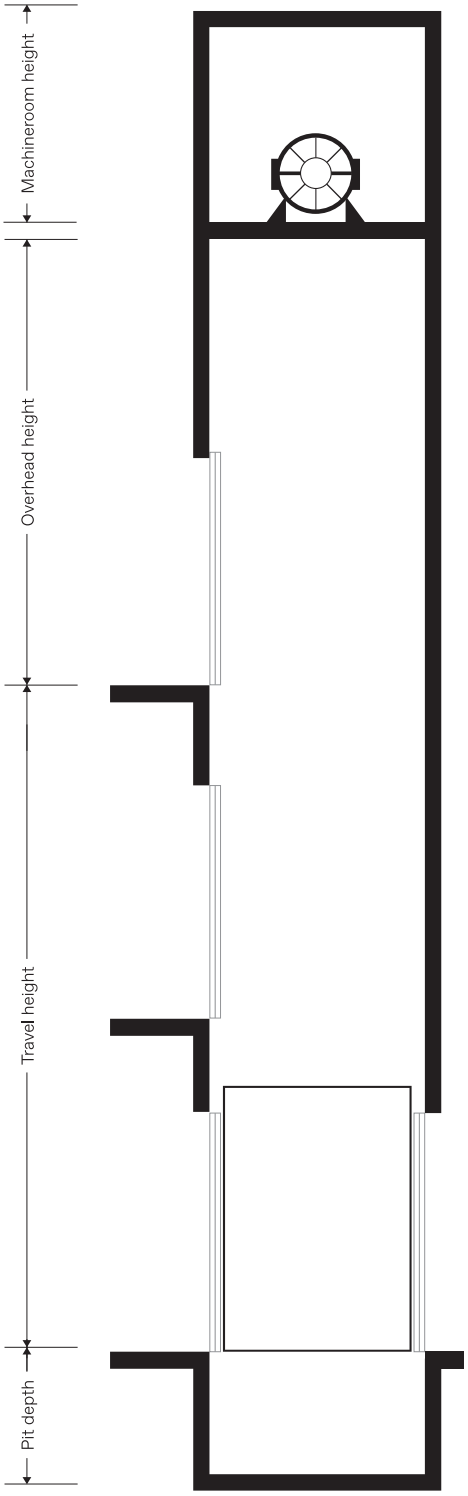
RATED SPEED (M/S)	MIN. OVERHEAD HEIGHT (MM)			MIN. PIT DEPTH (MM)			
	630KG	800-1150KG	1325-1600KG	630KG	800-1150KG	1250KG	1350-1600KG
1.0	4200	4200	4350	1600	1600	1250	1300
1.5	4300	4300	4500	1650	1650	1300	1400
1.6	4300	4300	4550	1650	1650	1300	1400
1.75	4350	4350	4550	1650	1650	1300	1400
2.0	/	4450	4600	/	1750	1350	1400
2.5	/	4750	4850	/	/	/	1750

meta200 (EN CODE)

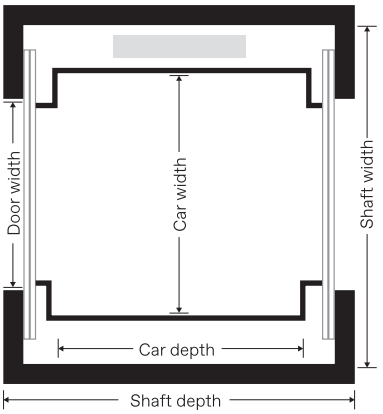
LAYOUT (MACHINEROOM)

THROUGH DOOR

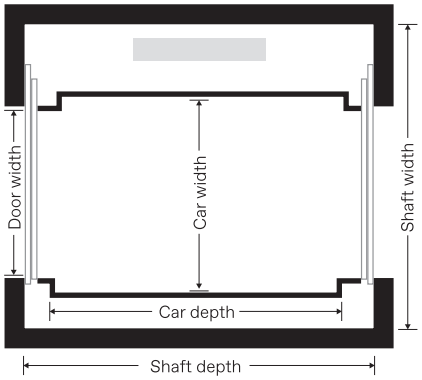
Shaft vertical section



Shaft plan (centre opening)



Shaft plan (side opening)



meta200 (EN CODE)

TECHNICAL SPECIFICATIONS (MACHINEROOM)

THROUGH DOOR						
RATED LOAD (KG)	RATED SPEED (M/S)	MAX. TRAVEL HEIGHT (M)	MAX. NUMBER OF FLOORS	DOOR SIZE (DW × DH) (MM)	CAR SIZE (CW × CD × CH) (MM)	SHAFT SIZE (SW × SD) (MM)
630	1.0	55	18	800 × 2100	1100 × 1320 × 2400	1820 × 1850
	1.5	75	26			
	1.6	85	30			
	1.75	85	30			
800	1.0	55	17	900 × 2100 (side opening door)	1100 × 1480 × 2400	1850 × 2120
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
1000	1.0	55	17	900 × 2100 (side opening door)	1100 × 1880 × 2400	1850 × 2520
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
1150	1.0	55	17	1000 × 2100 (side opening door)	1200 × 1880 × 2400	1950 × 2520
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
1325	1.0	55	17	1100 × 2100 (side opening door)	1400 × 1900 × 2400	2300 × 2540
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
	2.5	125	32			
1425	1.0	55	17	1100 × 2100 (side opening door)	1400 × 2050 × 2400	2300 × 2690
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
	2.5	125	32			
1600	1.0	55	17	1300 × 2100 (side opening door)	1400 × 2250 × 2400	2310 × 2890
	1.5	75	26			
	1.6	85	26			
	1.75	85	31			
	2.0	110	32			
	2.5	125	32			

MIN. OVERHEAD HEIGHT & MIN. PIT DEPTH

RATED SPEED (M/S)	MIN. OVERHEAD HEIGHT (MM)			MIN. PIT DEPTH (MM)		
	630KG	800-1150KG	1325-1600KG	630KG	800-1150KG	1325-1600KG
1.0	4200	4200	4350	1600	1600	1300
1.5	4300	4300	4500	1650	1650	1400
1.6	4300	4300	4550	1650	1650	1400
1.75	4350	4350	4550	1650	1650	1400
2.0	/	4450	4600	/	1750	1400
2.5	/	/	4850	/	/	1750