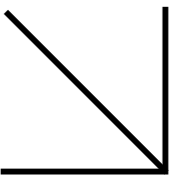




enta100
BEYOND THE
ESSENTIALS

TK ELEVATOR
MOVES PEOPLE -
THE FUTURE OF
URBAN MOBILITY





enta100 beyond the essentials

enta100 meets the needs of low-rise residential buildings in the value-for-money segment. Practical design and smart configuration combine with TK Elevator reliability to ensure that enta100 goes beyond the essentials.



Makes business sense

Compact configuration and rapid installation reduce construction costs and increase revenue.



Gives peace of mind

TK Elevator engineering standards mean trusted reliability.



Brightens up your building

Functional car interiors with a choice of styles to make your building stand out.

DESIGNED FOR

- Low-rise residential buildings in public and private sector

SPECIFICATIONS

- Machineroom-less
- Max. travel height: ≤45m
- Max. number of floors: ≤15 stops
- Rated load: 320 - 630kg
- Rated speed: 0.5 - 1.0m/s

Makes business sense

enta100 is our practical, value-for-money elevator designed to reduce construction costs and increase revenue.



Reduce construction cost and maximize your revenue

Space is saved by enta100's machineroom-less design, small shaft, overhead and pit, which not only reduce construction costs, but also release more floor area. In addition, quick completion is made possible by smart configuration and straightforward installation methods. With enta100 your building can be completed smarter, fast and for less - to make perfect business sense.

Gives peace of mind

Trusted TK Elevator engineering and stringent German design criteria deliver excellent reliability.



Designed for a smooth and comfortable ride

Each enta100 uses trusted technology and robust components designed for reliable operations long into the future. Engineered to ensure smooth, safe and comfortable passenger journeys; a range of practical features save energy and enhance safety for total peace of mind.

Brightens up your building

High quality engineering ensures a smooth in-car experience, made even brighter by a choice of car interiors.



Trends

Choose one of six cabin styles, each crafted by our design team to enhance your building with complementary colors and finishes.



Fixtures

User friendly controls and panels make every passenger journey a delight.



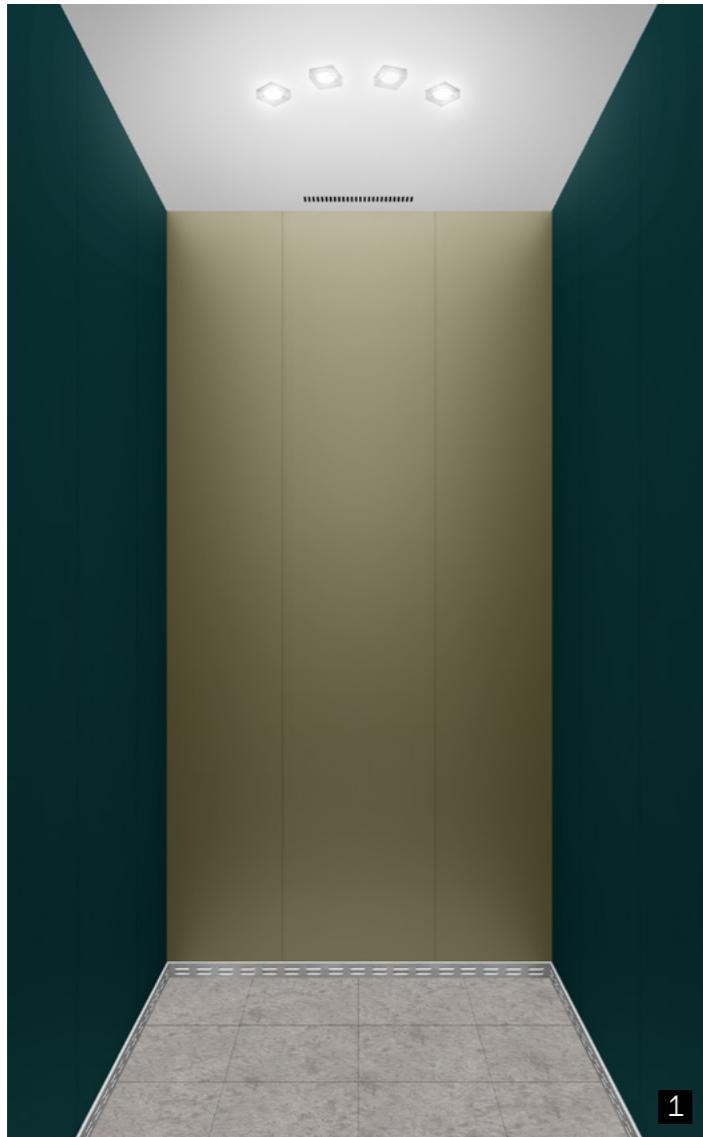
Accessories

Combine useful amenities such as mirrors, handrails, ceiling and lighting to complete the experience.







STYLISH

Stylish interior design with a touch of luxury.



1 OCEAN

 Ceiling RAL 7035	 Side Wall RAL 5020	 Rear Wall RAL 1035 Metallic	 Front Wall RAL 1035 Metallic	 Door RAL 1035 Metallic
 Floor CFL010				

 Ceiling RAL 1015	 Side Wall RAL 8029 Metallic	 Rear Wall RAL 1015	 Front Wall RAL 1015	 Door RAL 1015
 Floor H260				








COP
Black







HERITAGE REFINED


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



1 LIGHT WOOD

 Ceiling RAL 7035	 Side Wall RAL 9003 + Hairline stainless steel	 Rear Wall Hairline stainless steel	 Front Wall Hairline stainless steel	 Door Hairline stainless steel
 Floor TFW13				

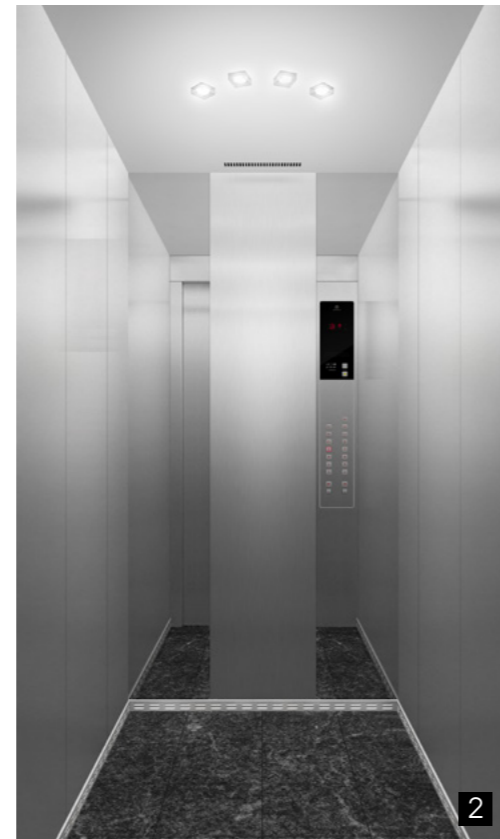
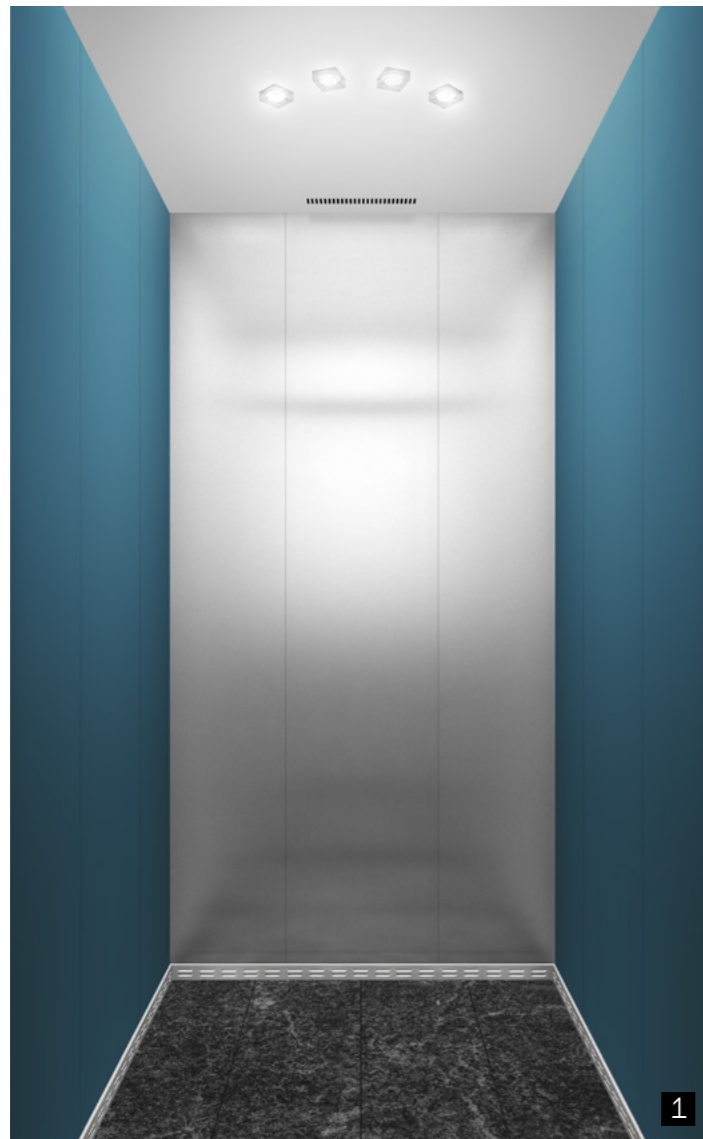
 Ceiling RAL 7035	 Side Wall RAL 1015 + Hairline stainless steel	 Rear Wall Hairline stainless steel	 Front Wall Hairline stainless steel	 Door Hairline stainless steel
 Floor TFW03				


COP
White

2 DARK WOOD

CONTEMPORARY

Minimalistic interior design, influenced by local taste.



1 SKY

- Ceiling RAL 7035
- Side Wall RAL 5024
- Floor H260
- Rear Wall Hairline stainless steel
- Front Wall Hairline stainless steel
- Door Hairline stainless steel

2 MIRROR

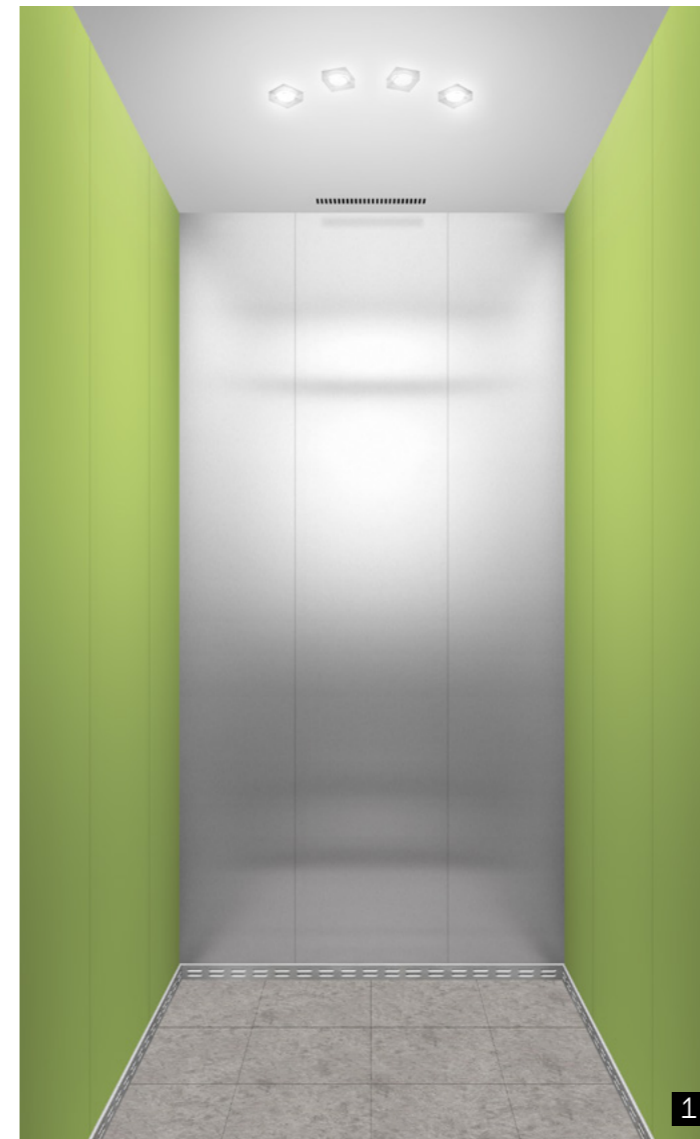
- Ceiling RAL 7035
- Side Wall Hairline stainless steel
- Floor H260
- Rear Wall Hairline + mirror stainless steel
- Front Wall Hairline stainless steel
- Door Hairline stainless steel



COP Black

NATURAL HOME

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



1 SPRING

- Ceiling RAL 7035
- Side Wall Mirabell green
- Floor CFL010
- Rear Wall Hairline stainless steel
- Front Wall Hairline stainless steel
- Door Hairline stainless steel

2 AUTUMN

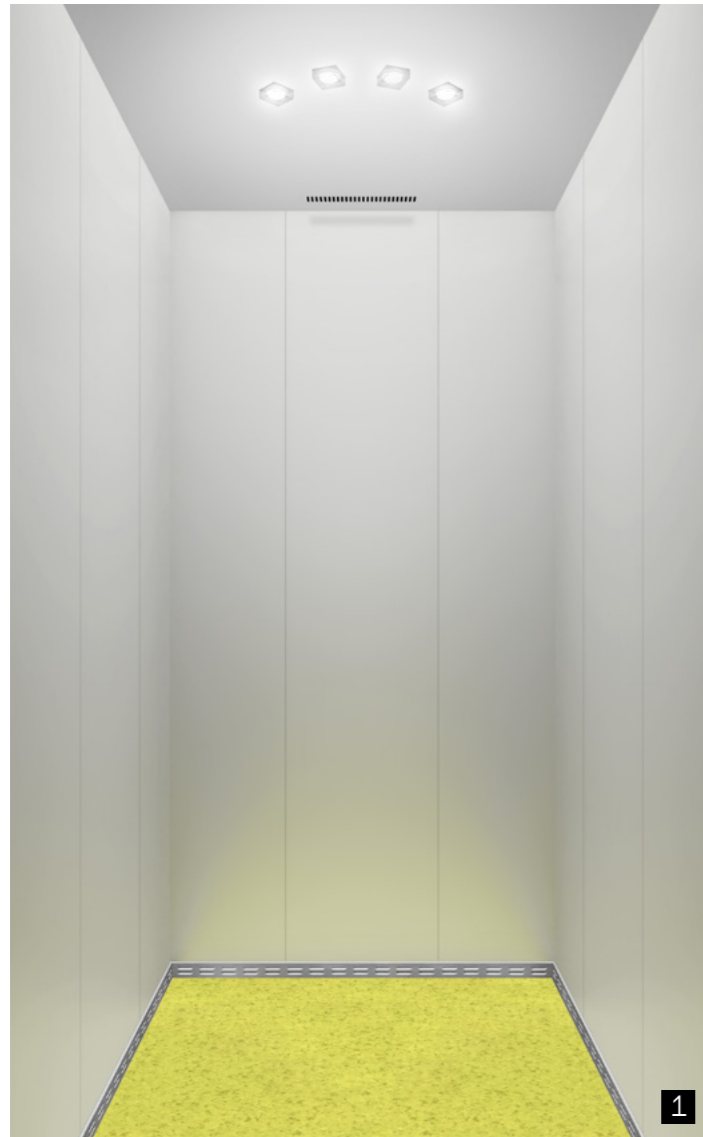
- Ceiling RAL 7035
- Side Wall RAL 1013
- Floor H260
- Rear Wall Laminate (844NT Aged Ash-s)
- Front Wall Hairline stainless steel
- Door Hairline stainless steel



COP White

MODERN FRESHNESS

A mix of vibrant colors with traditional patterns for that modern twist.



1 LIME

	Ceiling RAL 7035		Rear Wall RAL 9003		Front Wall RAL 9003		Door Hairline stainless steel
	Side Wall RAL 9003						
	Floor TF8007						

2 TANGERINE

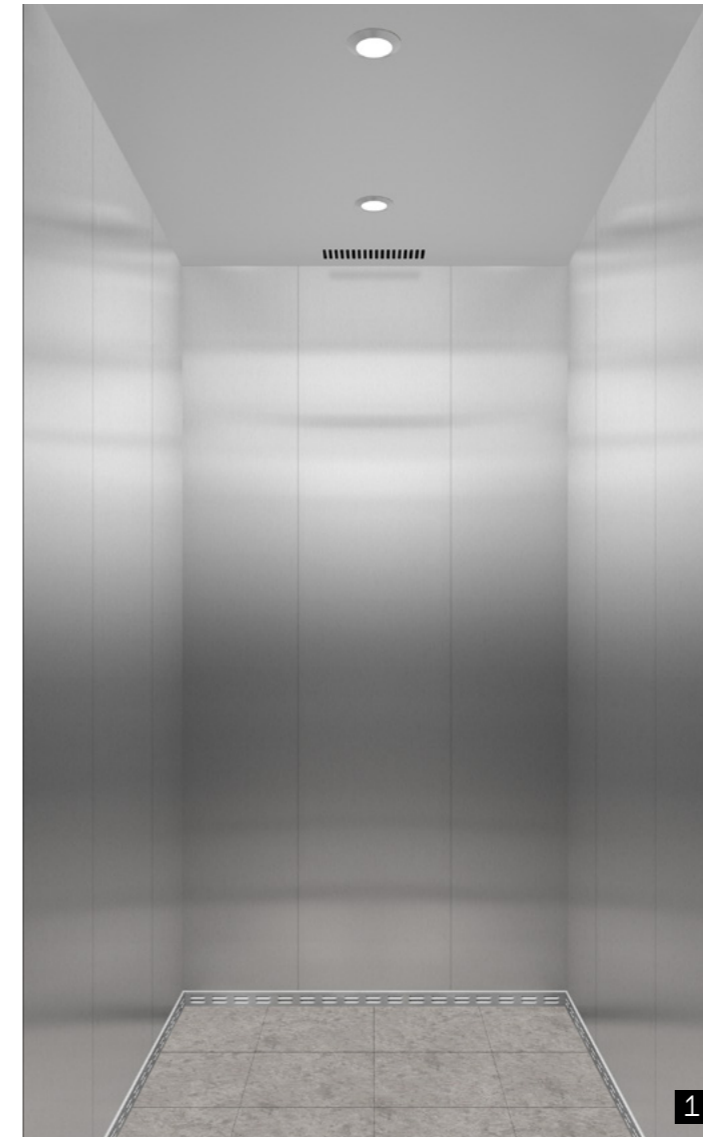
	Ceiling RAL 7035		Rear Wall RAL 9003		Front Wall RAL 9003		Door Hairline stainless steel
	Side Wall RAL 1015						
	Floor TF8009						



COP
White

TRADITIONAL

Simple, functional and robust. Our classic combination of materials with universal style.



1 STEEL

	Ceiling RAL 7035		Rear Wall Hairline Stainless Steel		Front Wall Hairline Stainless Steel		Door Hairline Stainless Steel
	Side Wall Hairline stainless steel						
	Floor CFL010						

2 IVORY

	Ceiling RAL 1015		Rear Wall RAL 1015		Front Wall RAL 1015		Door RAL 1015
	Side Wall RAL 1015						
	Floor CFL010						



COP
Classic

FIXTURES

User-friendly designs for ease of use.



CLASSIC/BLACK

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

WHITE

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

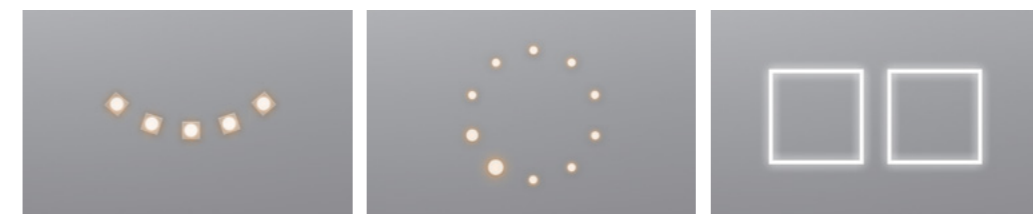
All images shown here are for reference only.

ACCESSORIES

Harmonious touches designed to enhance the passenger experience.



Ceiling

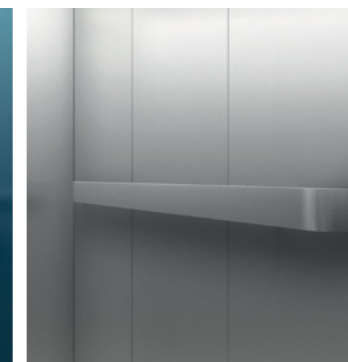


Curved

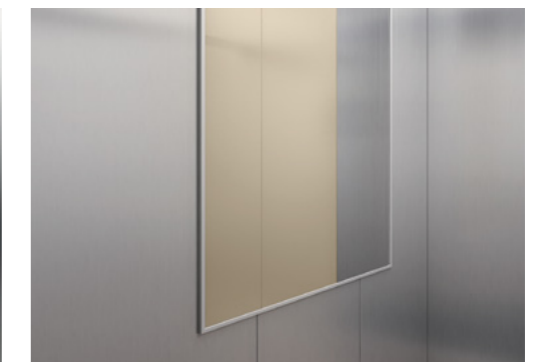
Round

Cubes

Handrail



Half-size mirror



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+



WWW.TKELEVATOR.COM

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	Adjustable waiting time for opening door at the specific landing	O
	19	Door nudging	O
Safety and Emergency Functions	20	Landing to the nearest floor in case of problem (eg. overtemperature of motor, car position missing)	S
	21	Fire emergency return (FER)	S
	22	Alarm button & intercom button	S
	23	Emergency car lighting	S
	24	Overload protect	S
	25	Repeat door closing in the event of lock failure	S
	26	Door overload protect	S
	27	Safety curtain for door	S
	28	Parking (by key switch)	S
	29	Phase failure and phase reversal protection	S
	30	Lockable main switch integrated for controller cabinet	S
	31	Emergency electrical operation	S
	32	Inspection operation	S
	33	Traction machine overheat supervision	S
	34	Traction machine skidding protection	S
	35	Prepared fire emergency return signal	S
	36	Unintended car movement protection	S
	37	Restrict the opening of the car door inside the car	S
	38	Brake torque detection function	S
	39	Door lock safety device failure detection	S
	40	Emergency operation for electrical brake release	S
	41	Main COP attendance	O
	42	Fireman service	O
	43	Door lock bypass function	S
	44	Automatic rescue operation	O
	45	Earthquake function (sensors by customer)	O
	46	Earthquake function (include sensors)	O
	47	Emergency power operation (generator by customer)	O

* S - Standard; O - Option; NA - Not applicable

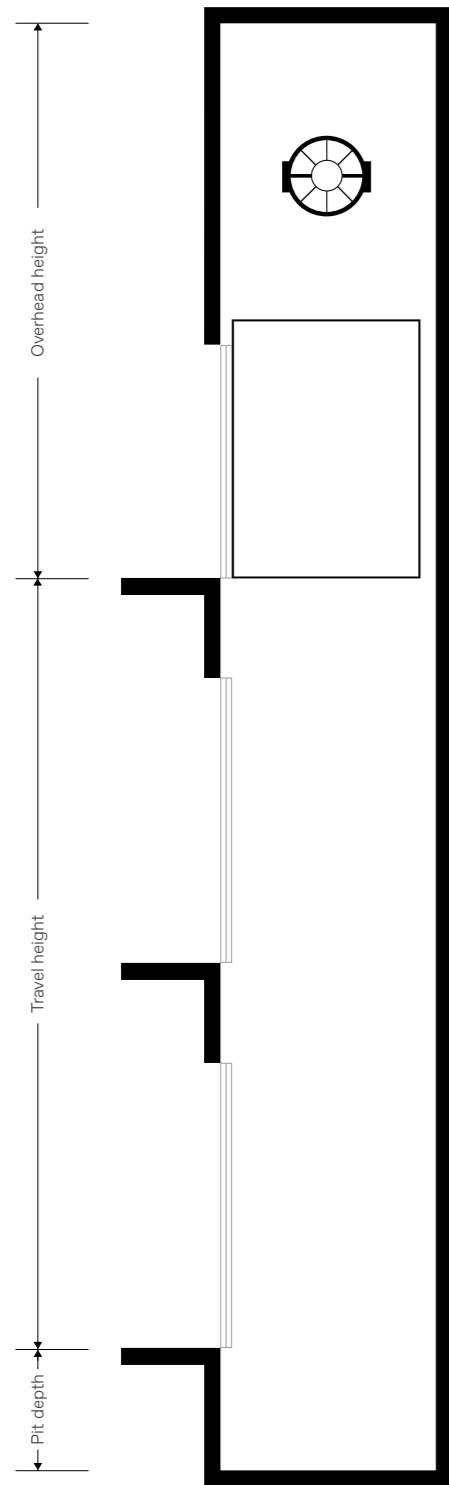
FUNCTION LIST (MACHINEROOM-LESS)

CATEGORY	NO.	FUNCTION	STANDARD / OPTION
Safety and Emergency Functions	48	Top of car emergency exit	O
	49	Residual current devices function (RCD function)	O
	50	Alarm while emergency trap door open function	O
	51	Pit water level detection function (switch by custom)	O
	52	Pit water level detection function (include switch)	O
	53	Non-door zone landing alarm function	O
Trip Functions	54	Automatic doors	S
	55	Collective fault signal	S
	56	Operation counter (trip and hour)	S
	57	Car priority	O
	58	Fire detector operation (fire alarm sensor by others)	O
	59	Special trip (landing priority) by key switch	O
Human Machine Interface	60	Card reader operate car call (instead of push button)	O
	61	Door close button	S
	62	Door open button	S
	63	Car call cancellation (by double press)	S
	64	Landing indicator of dot-matrix (red)	S
	65	Car indicator of dot-matrix (red)	S
	66	Landing indicator of 4.3" blue-white segment LCD	O
	67	Car indicator of 5.7" blue-white segment LCD	O
	68	Car arrival chime	O
	69	Landing arrival chime	O
	70	Speech synthesis service	O
	71	Second COP (exclude car attendant and intercom)	O
Monitoring and Tele-Service	72	COP for disabled persons (no indicator, braille push buttons as standard)	O
	73	Door keeping open button (door hold function)	O
	74	Out of service display	O
	75	Full-load display	O
	76	Visitor function	O
	77	Call button jammed detection	O
	78	Intercom system	S
	79	Six party intercom system (double monitoring room)	O
	80	Traveling cable (include video transmission function)	O
	81	BAS interface function (dry contactor signal)	O
Group/Duplex Control	82	Color video camera (in car)	O
	83	Supervision panel (cable by other, cable length≤150m)	O
	84	Build automation interfacing (RS232, MM-B board)	O
	85	Build automation interfacing (RS485, MM-B board)	O
	86	Lift monitoring system (exclude computer & printer)	O
	87	Group control	O
	88	Continued group/duplex operation in case of failure of the other elevator	O
	89	Taking units out of group (switch)	O

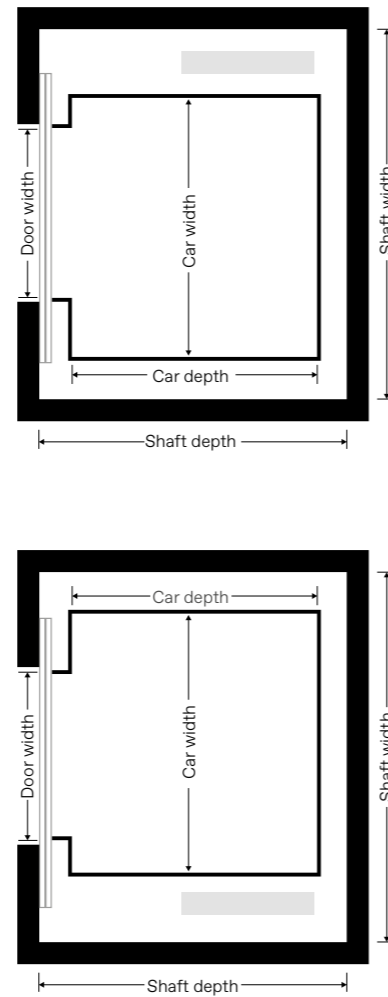
* S - Standard; O - Option; NA - Not applicable

LAYOUT (MACHINEROOM-LESS)

Shaft vertical section



Lift plan



TECHNICAL SPECIFICATIONS (MACHINEROOM-LESS)

CENTRE OPENING DOOR

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 CH) (MM)	SHAFT SIZE (SW X SD) (MM)
320	0.5	30	10	700 × 2100	850 × 1100 × 2200	1600 × 1500
	1.0	45	15			
400	0.5	30	10	700 × 2100	1000 × 1100 × 2200	1650 × 1500
	1.0	45	15			
450	0.5	30	10	800 × 2100	1100 × 1100 × 2200	1750 × 1500
	1.0	45	15			
540	0.5	30	10	800 × 2100	1100 × 1200 × 2200	1750 × 1550
	1.0	45	15			
630	0.5	30	10	800 × 2100	1100 × 1400 × 2200	1750 × 1750
	1.0	45	15			
	0.5	30	10			

SIDE OPENING DOOR

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 CH) (MM)	SHAFT SIZE (SW X SD) (MM)
320	0.5	30	10	700 × 2100	850 × 1100 × 2200	1500 × 1550
	1.0	45	15			
400	0.5	30	10	800 × 2100	1000 × 1100 × 2200	1650 × 1550
	1.0	45	15			
450	0.5	30	10	800 × 2100	1100 × 1100 × 2200	1750 × 1550
	1.0	45	15			
540	0.5	30	10	800 × 2100	1100 × 1200 × 2200	1750 × 1600
	1.0	45	15			
630	0.5	30	10	800 × 2100	1100 × 1400 × 2200	1750 × 1800
	1.0	45	15			
	0.5	30	10			

RATED SPEED (M/S)	MIN. OVERHEAD HEIGHT (MM)	MIN. PIT DEPTH (MM)
	320-630KG	320-630KG
0.5	3500	1200
1.0	3500	1200

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	Adjustable waiting time for opening door at the specific landing	O
	19	Door nudging	S
Safety and Emergency Functions	20	Landing to the nearest floor in case of problem (eg. overtemperature of motor, car position missing)	S
	21	Fire emergency return (FER)	S
	22	Alarm button & intercom button	S
	23	Emergency car lighting	S
	24	Overload protect	S
	25	Repeat door closing in the event of lock failure	S
	26	Door overload protect	S
	27	Safety curtain for door	S
	28	Parking (by key switch)	S
	29	Phase failure and phase reversal protection	S
	30	Lockable main switch integrated for controller cabinet	S
	31	Emergency electrical operation	S
	32	Inspection operation	S
	33	Traction machine overheat supervision	S
	34	Traction machine skidding protection	S
	35	Prepared fire emergency return signal	S
	36	Unintended car movement protection	S
	37	Restrict the opening of the car door inside the car	S
	38	Brake torque detection function	S
	39	Door lock safety device failure detection	S
	40	Emergency operation for electrical brake release	S
	41	Main COP attendance	O
	42	Fireman service	O
	43	Door lock bypass function	S
	44	Automatic rescue operation	O
	45	Earthquake function (sensors by customer)	O
	46	Earthquake function (include sensors)	O
	47	Emergency power operation (generator by customer)	O

Note: S - Standard O - Option

FUNCTION LIST (MACHINEROOM-LESS)

CATEGORY	NO.	FUNCTION	STANDARD / OPTION
Safety and Emergency Functions	48	Top of car emergency exit	S
	49	Residual current devices function (RCD function)	S
	50	Alarm while emergency trap door open function	O
	51	Pit water level detection function (switch by custom)	S
	52	Pit water level detection function (include switch)	S
	53	Non-door zone landing alarm function	S
	54	Automatic doors	S
	55	Collective fault signal	S
	56	Operation counter (trip and hour)	S
	57	Car priority	O
Trip Functions	58	Fire detector operation (fire alarm sensor by others)	O
	59	Special trip (landing priority) by key switch	O
	60	Card reader operate car call (instead of push button)	O
	61	Door close button	S
	62	Door open button	S
	63	Car call cancellation (by double press)	S
	64	Landing indicator of dot-matrix (red)	S
	65	Car indicator of dot-matrix (red)	S
	66	Landing indicator of 4.3" blue-white segment LCD	O
	67	Car indicator of 5.7" blue-white segment LCD	O
Human Machine Interface	68	Car arrival chime	O
	69	Landing arrival chime	O
	70	Speech synthesis service	O
	71	Second COP (exclude car attendant and intercom)	O
	72	COP for disabled persons (no indicator, braille push buttons as standard)	O
	73	Door keeping open button (door hold function)	O
	74	Out of service display	O
	75	Full-load display	O
	76	Visitor function	O
	77	Call button jammed detection	O
Monitoring and Tele-Service	78	Intercom system	S
	79	Six party intercom system (double monitoring room)	O
	80	Traveling cable (include video transmission function)	O
	81	BAS interface function (dry contactor signal)	O
	82	Color video camera (in car)	O
	83	Supervision panel (cable by other, cable length≤150m)	O
	84	Build automation interfacing (RS232, MM-B board)	O
	85	Build automation interfacing (RS485, MM-B board)	O
	86	Lift monitoring system (exclude computer & printer)	O
	87	Group control	O
Group/Duplex Control	88	Continued group/duplex operation in case of failure of the other elevator	O
	89	Taking units out of group (switch)	O

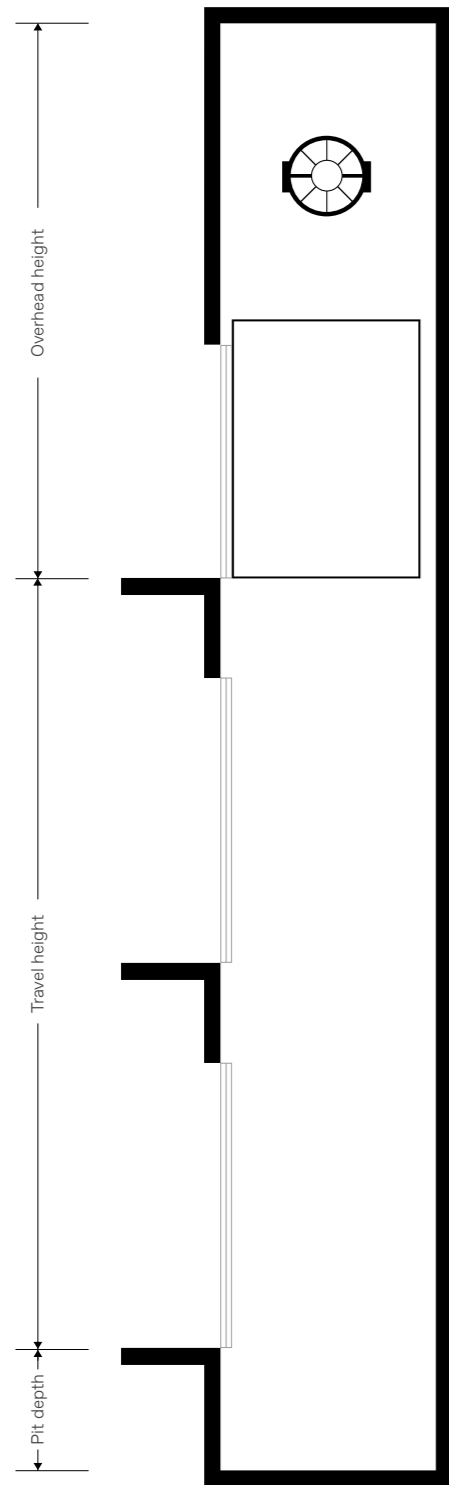
Note: S - Standard O - Option

enta100 (EN CODE)

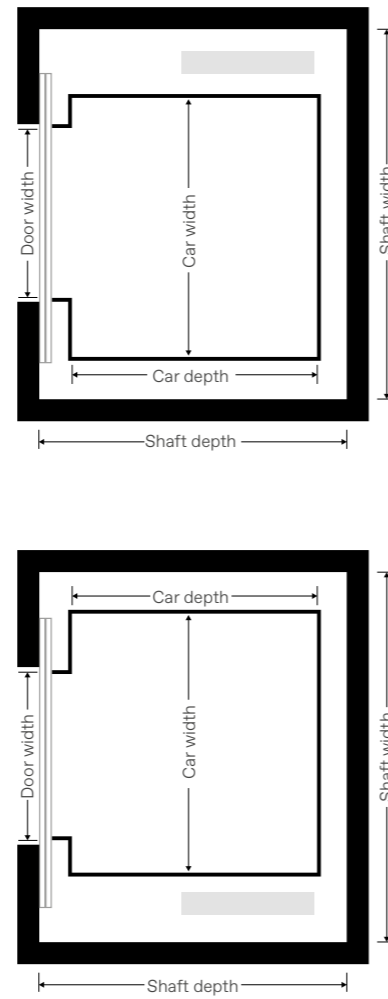
LAYOUT (MACHINEROOM-LESS)



Shaft vertical section



Lift plan



enta100 (EN CODE)

TECHNICAL SPECIFICATIONS (MACHINEROOM-LESS)

CENTRE OPENING DOOR

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 CH) (MM)	SHAFT SIZE (SW X SD) (MM)
320	0.5	30	10	700 × 2100	850 × 1100 × 2200	1600 × 1500
	1.0	45	15			
400	0.5	30	10	700 × 2100	1000 × 1100 × 2200	1650 × 1500
	1.0	45	15			
450	0.5	30	10	800 × 2100	1100 × 1100 × 2200	1750 × 1500
	1.0	45	15			
540	0.5	30	10	800 × 2100	1100 × 1200 × 2200	1750 × 1550
	1.0	45	15			
630	0.5	30	10	800 × 2100	1100 × 1400 × 2200	1750 × 1750
	1.0	45	15			
	0.5	30	10			

SIDE OPENING DOOR

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 CH) (MM)	SHAFT SIZE (SW X SD) (MM)
350	0.5	30	10	700 × 2100	850 × 1100 × 2200	1500 × 1550
	1.0	45	15			
400	0.5	30	10	800 × 2100	1000 × 1100 × 2200	1650 × 1550
	1.0	45	15			
450	0.5	30	10	800 × 2100	1100 × 1100 × 2200	1750 × 1550
	1.0	45	15			
540	0.5	30	10	800 × 2100	1100 × 1200 × 2200	1750 × 1600
	1.0	45	15			
630	0.5	30	10	800 × 2100	1100 × 1400 × 2200	1750 × 1800
	1.0	45	15			
	0.5	30	10			

RATED SPEED (M/S)	MIN. OVERHEAD HEIGHT (MM)	MIN. PIT DEPTH (MM)
	320-630KG	320-630KG
0.5	3500	1200
1.0	3500	1200