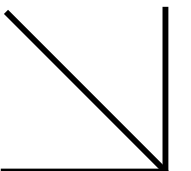


enta100
BEYOND THE
ESSENTIALS



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: $\leq 45\text{m}$
- 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.



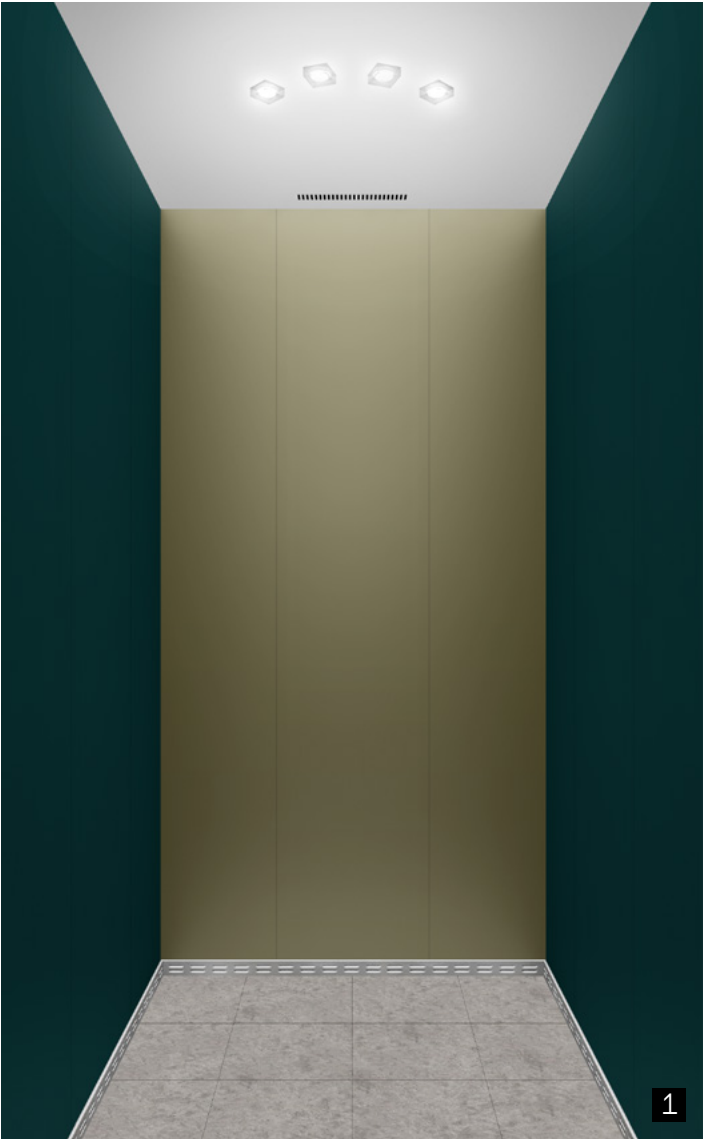
Accessories

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









COP
CH2C-A32M

HERITAGE REFINED

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



1 LIGHT WOOD

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



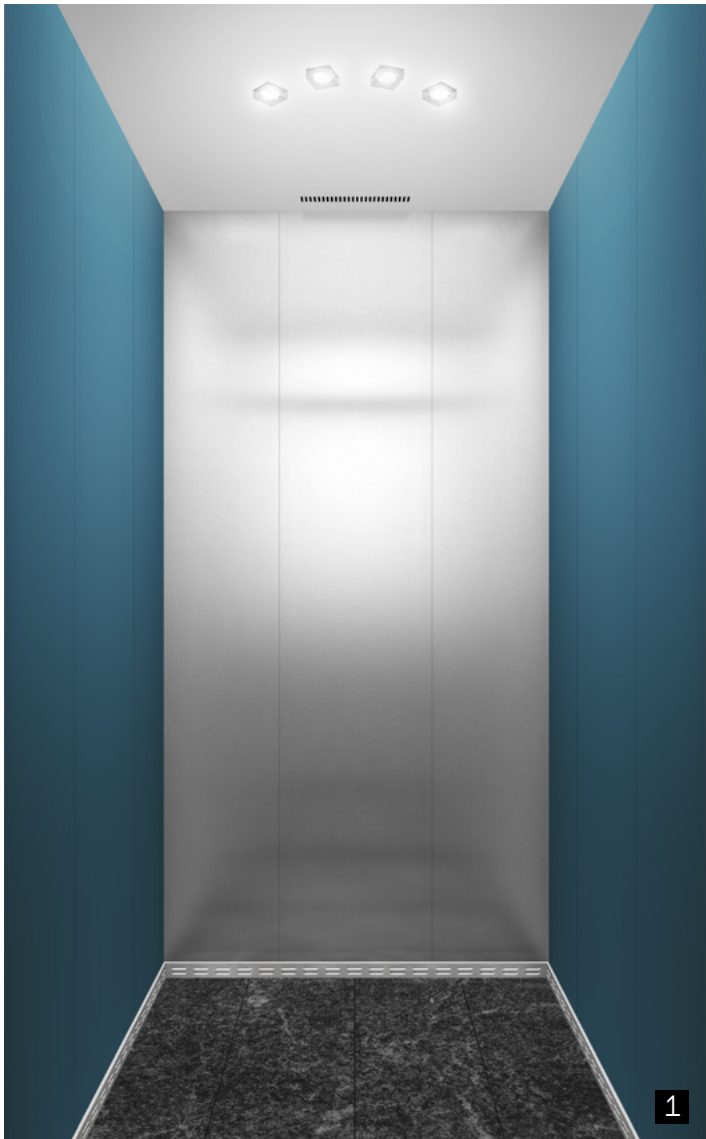
COP
CH2D-D33N

2 DARK WOOD

	Ceiling RAL 7035		Rear Wall RAL 9003 + Hairline stainless steel		Front Wall RAL 9003 + Hairline stainless steel		Door RAL 9003 + Hairline stainless steel
	Side Wall RAL 9003 + Hairline stainless steel						
	Floor TFW03						

CONTEMPORARY

Minimalistic interior design,
influenced by local taste.



1 SKY

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

2 MIRROR

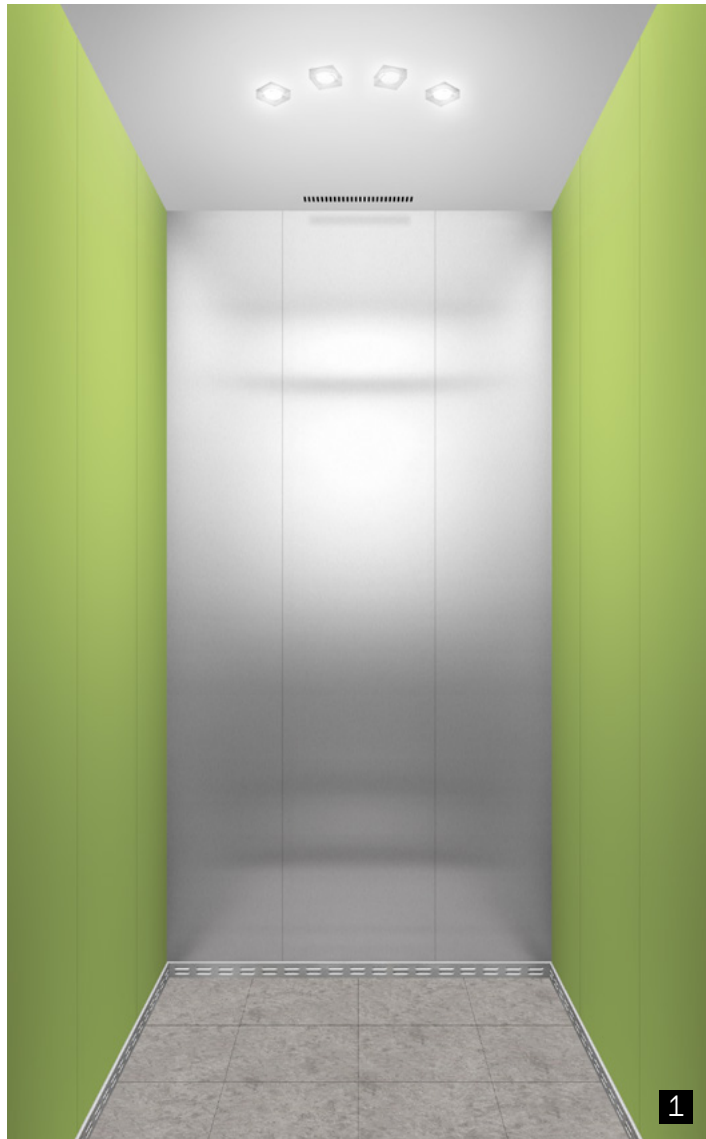
Ceiling RAL 7035	Side Wall Hairline stainless steel	Rear Wall Hairline + mirror stainless steel	Front Wall Hairline stainless steel	Door Hairline stainless steel
Floor H260				



COP
CH2C-A32M

NATURAL HOME

Balanced interior inspired by the colors
and materials of nature.

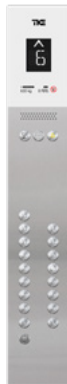


1 SPRING

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

2 AUTUMN

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



COP
CH2D-D33N

MODERN FRESHNESS

Modern interior mixing vibrant colors with subtle patterns.



1 LIME

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

2 TANGERINE

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



COP CH2D-D33N

TRADITIONAL

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



1 STEEL

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

2 IVORY

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



COP CH1A-A32M

FIXTURES

User-friendly designs for ease of use.



Panel	Stainless steel / Stainless steel with black PMMA
Indicator	LED
Button	Square button with white light

Panel	Stainless steel with white PMMA
Indicator	LCD
Button	Round button with white light

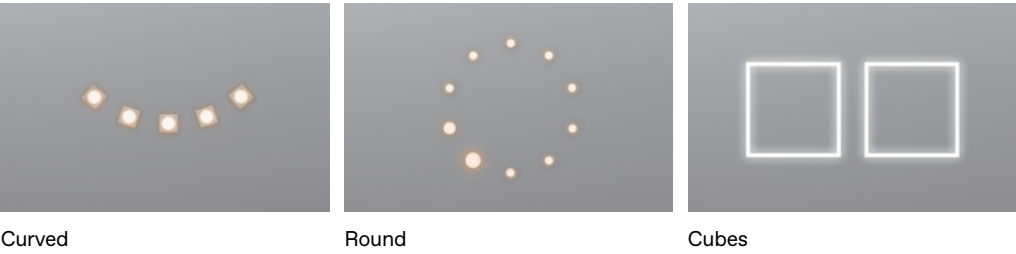
All images shown here are for reference only.

ACCESSORIES

Harmonious touches designed to enhance the passenger experience.



Ceiling




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



enta100 (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	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



enta100 (GB CODE)

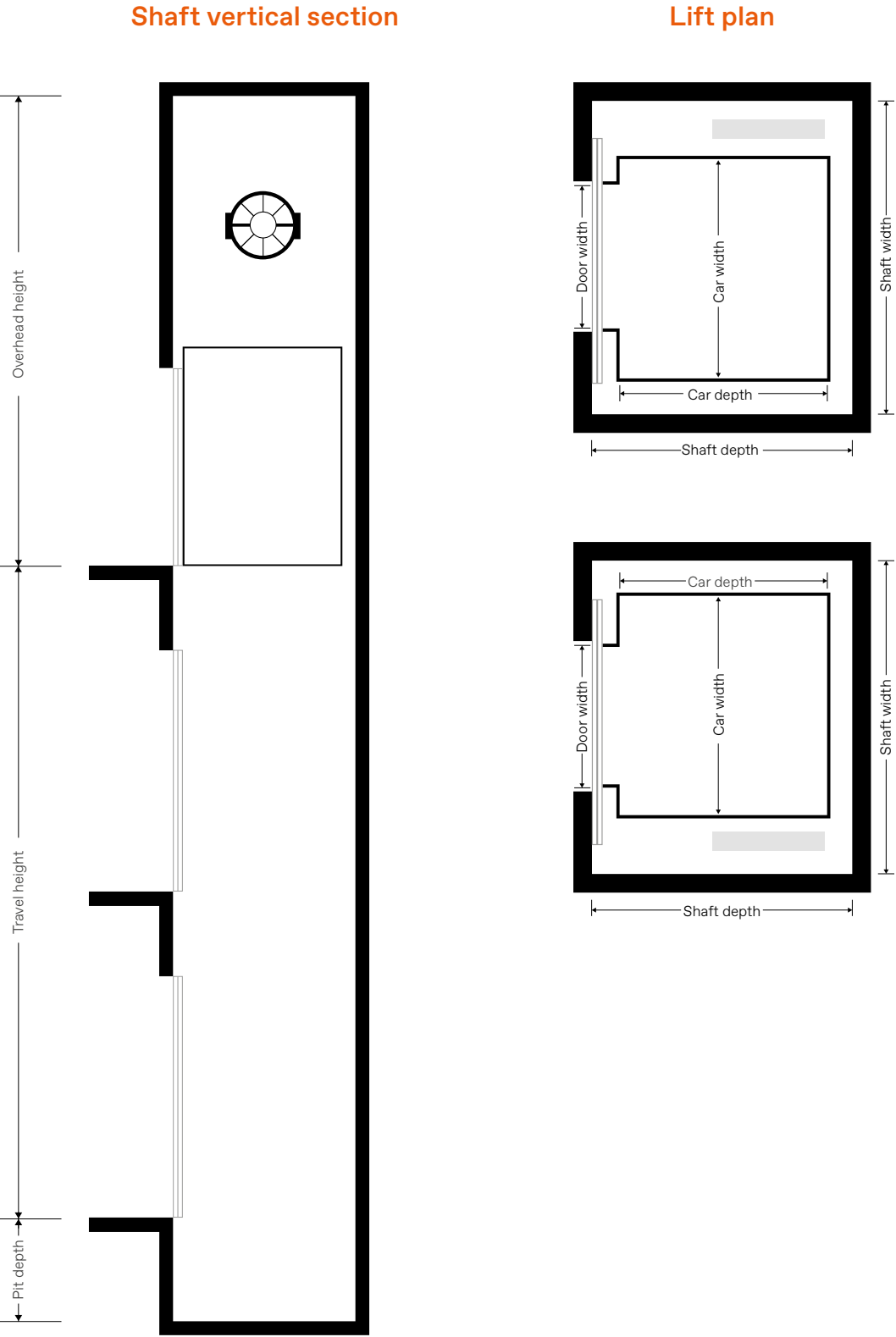
FUNCTION LIST (MACHINEROOM-LESS)

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
Trip Functions	53	Non-door zone landing alarm function	O
	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
	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
Group/Duplex Control	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

enta100 (GB CODE)

LAYOUT (MACHINEROOM-LESS)



enta100 (GB 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	900 × 2100	1100 × 1400 × 2200	1950 × 1750
	1.0	45	15			

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	900 × 2100	1100 × 1400 × 2200	1750 × 1800
	1.0	45	15			

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



enta100 (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	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



enta100 (EN CODE)

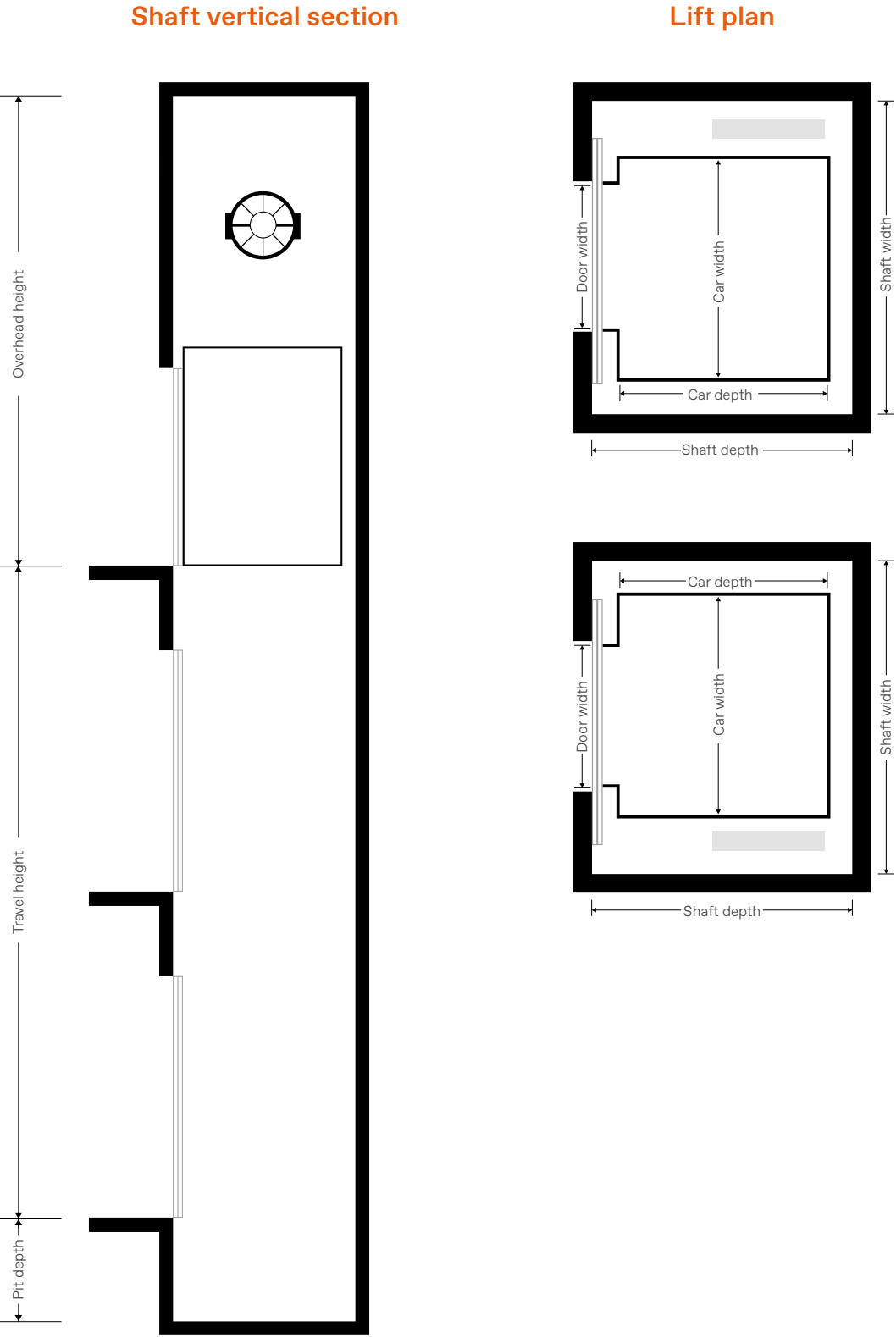
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CATEGORY	NO.	FUNCTION	STANDARD / OPTION
Safety and Emergency Functions	48	Top of car emergency exit	S
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	50	Alarm while emergency trap door open function	O
	51	Pit water level detection function (switch by custom)	S
	52	Pit water level detection function (include switch)	S
Trip Functions	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
	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
Human Machine Interface	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
	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
Group/Duplex Control	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

Note: S - Standard O - Option

enta100 (EN CODE)

LAYOUT (MACHINEROOM-LESS)



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	900 × 2100	1100 × 1400 × 2200	1950 × 1750
	1.0	45	15			

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	900 × 2100	1100 × 1400 × 2200	1750 × 1800
	1.0	45	15			

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