

TK ELEVATOR
MOVES PEOPLE THE FUTURE OF
URBAN MOBILITY



# enta200 step into moments of style

Stylish and practical, enta200 has been engineered to meet the needs of low-rise residential and commercial applications. Stylish cabin designs combine with the practical features of this machineroom-less elevator to provide a comfortable ride and add value to your project.



#### Increases your returns

On-trend cabin designs, high performance and efficiency add value to your building.



#### Underlines your building's premium

Luxury fixtures and striking hall designs elegantly integrate to match and enhance your building's character.



#### Provides a stylish experience

First class usability and aesthetic environments guarantee passenger satisfaction and comfort.

#### DESIGNED FOR

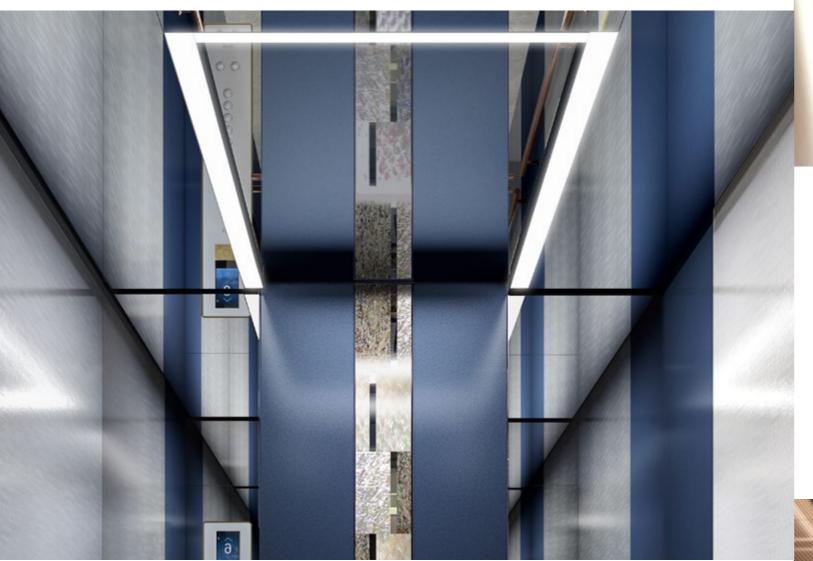
- High-end residential buildings
- Mid-range commercial buildings

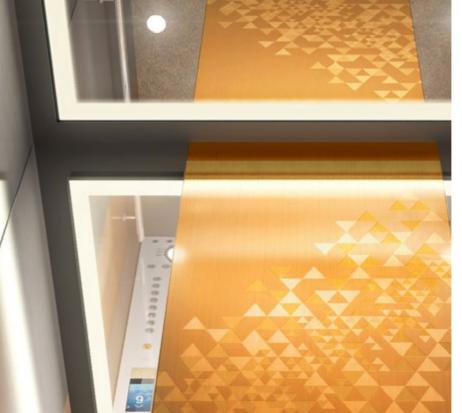
#### SPECIFICATIONS

- Max. travel height: ≤45m
- Max. number of floors: ≤16
- Rated load: 320kg 1,200kg
- Rated speed: 1.00m/s 1.50m/s

# Increases your returns

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



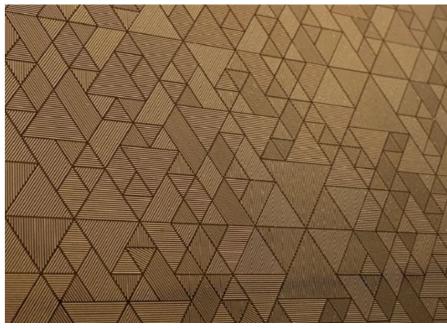


#### Trend based design

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 COP, each detail is carefully considered to give your building the premium look it deserves.

# **FIRENZE**

Inspired by the skyline of Florence, warm terracotta tones combine with abstract geometrical patterns to evoke rooftops under a starlit sky.





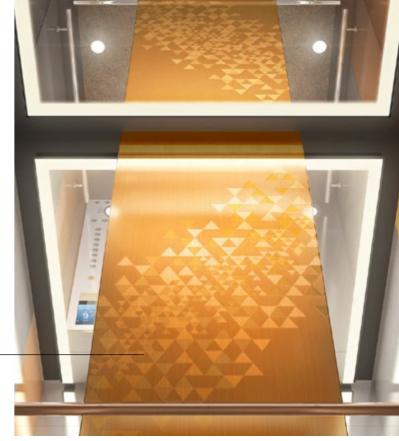




#### CABIN DESIGN

Ceiling	CE-SC1W	
Wall	STS Mirror, Hi-Vib, Fine art (NFA-04), Superteel (Bronze) + Laser graphic (ST-03BZ), Superteel (Bronze)	
Door	Superteel (Bronze) + Laser graphic (ST-02BZ)	
COP	DS-G-TK77G / HAS-G-TK77G (for disabled)	
Handrail	HRR-01B	
Floor	Decotile (DET6237)	





Material feature



Inspired by night views of the Ponte Vecchio in Florence, this chic design is right up-to-date.





Main entrance

Other entrance

# **BELLAGIO**

Modern opulence, blending eyecatching contemporary luxury and classical elegance.









#### CABIN DESIGN

Ceiling	CE-SB1W	
Wall	Hi-Vib, STS Mirror + Laser graphic (LM-25) Vernox (Bronze)	
Door	STS Ti-Bronze mirror, Nano etching (NE-02B)	
COP	Smart COP (Option) HAS-H-TK11NB (for disabled)	
Handrail	HRR-01G	
Floor	Decotile (DEW4713 / DET2251)	



#### Material feature











Main entrance

Other entrance

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# INCA

Sophisticated golden hues and complex patterns stir feelings of history and luxury.





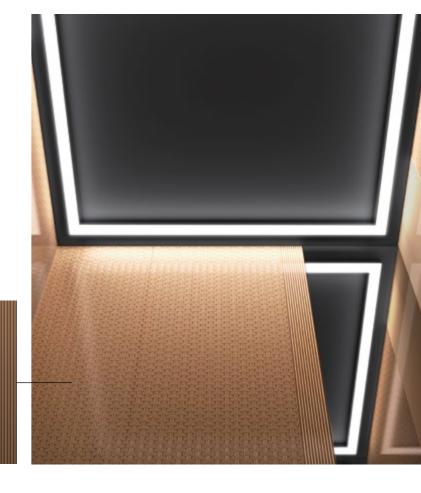




#### CABIN DESIGN

Ceiling	CE-SD1C			
Wall	STS Mirror, Silk metal (SP-04BR), Silk metal (SP-05BR), Powder coat (Inca brown)			
Door	Silk metal (SP-03BR)			
СОР	DS-G-TK77G / HAS-G-TK77G (for disabled)			
Handrail	HRR-01G			
Floor	Decotile (DET6240)			





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Classical design inspired by the ancient Inca Empire.

Material feature



Main entrance

Other entrance

# VENICE

Sparkling blues and mother-of-pearl blend with silver/gray elements reminiscent of the palazzos and waters of the canal city.









#### CABIN DESIGN

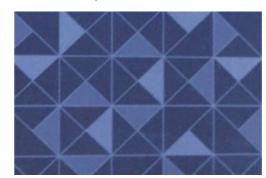
Ceiling	CE-SB1C			
Wall	STS Mirror, Supervib (Silver), Texcoat (Navy) + Seashell panel, Texcoat (Navy), Fine art (NFA-04)			
Door	Fine art (NFA-05)			
COP	DS-G-TK77G / HAS-G-TK77G (for disabled)			
Handrail	HRR-01B			
Floor	Decotile (DET6258)			



#### Material feature



An abstract twist on mother-of-pearl and glass adds Venetian sophistication.



Rich blues express the city's timeless link with the sea.









# MANHATTAN

Sleek, dynamic and monochrome, the epitome of metropolitan style and success.









#### CABIN DESIGN

Ceiling	CE-SA1C	
Wall	STS Mirror, Supervib (Silver), Hi-Touch (Rain)	
Door	Hi-Touch (HT-01SV)	
COP	DS-H-TK11NB / HAS-H-TK11NB (for disabled)	
Handrail	HRR-01G	
Floor	Decotile (DET2905)	





Silver, mirrors and steel. Urban sensibility with a New York attitude.



Main entrance Other entrance

# MILANO

Taking inspiration from the capital of Italian style and design, calming textures and simple geometries beautifully combined.







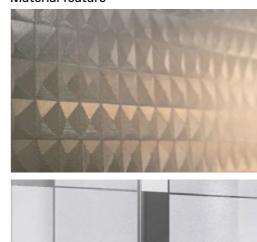


#### CABIN DESIGN

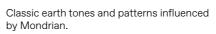
Ceiling	FX-01	
Wall	STS Mirror, Supervib (Silver), Hi-Touch (Gold)	
Door	STS Mirror, Hi-Vib, Bead + Laser cutting (LM-20VB)	
COP	DS-G-TK77G, HAS-G-TK77G (for disabled)	
Handrail	HRR-01G	
Floor	Decotile (DET2991, DET6239)	



#### Material feature









Main entrance

Other entrance

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# Underlines your building's premium

Elegance that sets your building apart

and feel of every building.

Slim fixtures with tactile and striking features include operating panels and indicators that integrate perfectly with contemporary and classic lobby designs that complement the look

Beautifully crafted cabin options, inspiring fixtures and luxury materials combine to ensure that enta200 extends your building's premium into the elevator.

# © No State of the state of the

#### A choice of hall doors

Choose from 12 different hall or floor door patterns, each of which coordinates perfectly with our cabin designs and match your building's interior design floor-by-floor.

# HALL DOORS





Other entrance

#### FIRENZE/BELLAGIO

Door	Main	Superteel (Bronze) + Laser graphic (ST-02BZ)
	Other	Silk metal (SP-02BR)
Transom		Supervib (Bronze)
Jamb	Main	Supervib (Bronze)
	Other	Supervib (Bronze)
LIOP	Main	BSK-TT44
	Other	BSK-TT44D
Indicator		HD-S-20D

#### INCA

Door	Main	Silk metal (SP-03BR)
	Other	Silk metal (SP-03BR)
Transom		Supervib (Bronze)
Jamb	Main	Supervib (Bronze)
	Other	Supervib (Bronze)
LIOP	Main	BSK-TT44
	Other	BSK-TT44D
Indicator		HD-S-20D



/lain entrance



ner entrance

# HALL DOORS





#### VENICE

Door	Main	Fine art (NFA-05)
	Other	Texcoat (Navy)
Transom		Texcoat (Navy)
Jamb	Main	Supervib (Silver)
	Other	Supervib (Silver)
LIOP	Main	BSM-TT44A
	Other	BSM-TT44AD
Indicator		HD-S-30D



Other entrance

#### MANHATTAN

Door	Main	Hi-Touch (HT-01SV)
	Other	Supervib (Silver)
Transom		Supervib (Silver)
Jamb	Main	Supervib (Silver)
	Other	Supervib (Silver)
LIOP	Main	BSK-TT44
	Other	BSK-TT44D
Indicator		HD-S-20D

#### MILANO

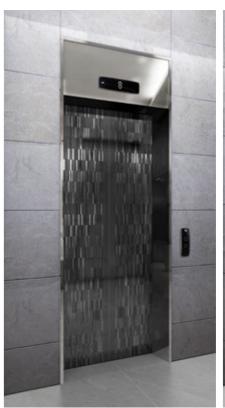
Door	Main	STS Mirror, Hi-Vib + Laser Cutting (LM-20V)
	Other	Supervib (Gold)
Transom		Supervib (Silver)
Jamb	Main	Supervib (Silver)
	Other	Supervib (Silver)
LIOP	Main	BSK-TT44
	Other	BSK-TT44D
Indicator		HD-S-20D



Other entrance

#### OPTIONAL DOORS

Door	Main	Fine art (NFA-03)
	Other	Supervib (Silver) + Laser Graphic (LM-09)
Transom		STS Mirror
Jamb	Main	STS Mirror
	Other	Supervib (Silver)
LIOP	Main	BSK-TT44
	Other	BSK-TT44D
ndicator		HD-S-20D





Main entrance

Other entrance

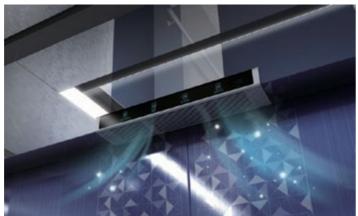
# Provides a stylish experience

With spacious cabins, smooth journeys and clear controls designed for low-rise buildings, all users travel in comfort and style.

#### Total clarity and comfort

With a focus on usability, the colorful LCD display makes information easier to read. The image moves in the direction of the elevator to give a reassuring 'visual sense' of movement.





#### A comfortable atmosphere

Not just a relaxing, stylish passenger environment, each enta200 cabin incorporates an integrated air conditioning and purification system.



#### Easy boarding

LED hall sills flash to indicate arrival and doors closing, supplementing hall lanterns and chimes for extra clarity. Intelligent in-car announcements are all fully adjustable to communicate cabin status clearly and calmly.



#### 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.

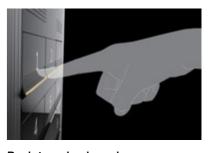


Welcome light
When the doors are opening or closing,
a blue welcome light blinks to alert
the user.



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.



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

#### Pioneering slim designs

Unlike conventional flat fixture designs, these curved hall buttons have been meticulously designed to enhance the premium quality of any building. They deliver a superior user experience in terms of both look and feel.





#### DESIGN FEATURES



**Slim look**Designed for an enhanced sense of proportion.



**Touch button**Simplified UP/DOWN graphic design and state-of-the-art touch button.



Push button
Rounded button design in stylish sapphire-white.

#### Slim LOP / LIOP with LCD display



#### Slim LOP / LIOP with matrix display



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#### **Dynamic TFT LCD display**

Crystal clear, vibrant graphics put passengers at ease and guide them to their destination.







TICE

Side lighting with LED illumination Dynamic LCD display supports background motion when the elevator is moving High quality sound through sunburst pattern speaker and integral microphone



dynamic LCD display

#### COP assisting the disabled





HAS-G-TK77G HAS-H-TK11NB

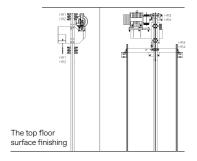
#### Push button LOP / LIOP

This neat, rectangular design comes in stainless steel or smart black. Designed as a premium accent to any building.

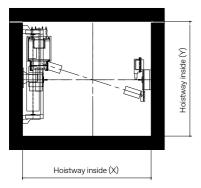


# PLANNING INFORMATION

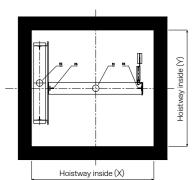
#### Overhead section



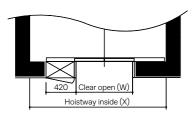
#### Overhead floor plan



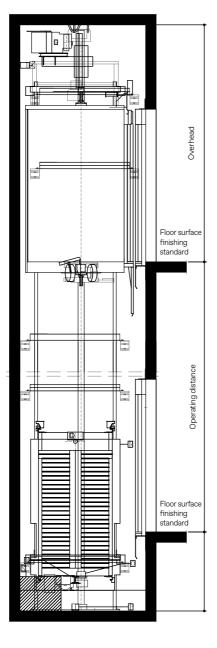
Pit floor plan



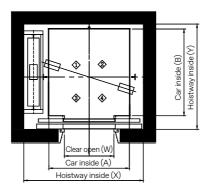
Detailed map of the three-sided top floor



**Hoistway section** 



Hoistway floor plan



#### STANDARD SIZE (MINIMUM SIZE) & POWER CAPACITY

SPEED (M/S)	LOADING CAPACITY (KG)	DOOR OPENING (MM)	CAR SIZE (A×B) (MM)	CO SHAFT SIZE (X×Y) (MM)	2S SHAFT SIZE (X×Y) (MM)	MOTOR CAPACITY (KW)	MCCB CAPACITY (A)	HOOK APPLICATION LOAD (KG)
1.00	320	700 × 2100	850 × 1000	1600 × 1450	1440 × 1510	2.8	_	
	450		1000 × 1200	1750 × 1550	1630 × 1610	4.0		
	550 a		1100 × 1250	1800 × 1570	1680 × 1630			
	550 b		1200 × 1180	1850 × 1490	1780 × 1550		20	1500
	630 a		1100 × 1400	1800 × 1710	1680 × 1770			
	630 b	- 800 × 2100	1200 × 1250	1850 × 1570	1780 × 1630	-		
	680	-	1200 × 1350	1850 × 1690	1780 × 1750	- - - 6.3 -		
	750 a		1300 × 1400	1900 × 1710	1900 × 1770			3000
	750 b	_	1200 × 1450	1850 × 1760	1780 × 1820			
	800	-	1350 × 1400	2070 × 1710	1960 × 1770			
	900	900 × 2100	1600 × 1350	2200 × 1690	2230 × 1750			
	1000 a	_	1600 × 1400	2200 × 1710	2210 × 1800			
	1000 b	800 × 2100	1100 × 2100	1850 × 2410	1710 × 2470			
	(Deep car)	900 × 2100	1100 × 2100	2000 × 2410	1710 × 2470			
	1150 a	1000 × 2100	1800 × 1450	2400 × 1760	-	8.0	-	
	4450.1	900 × 2100	1600 × 1650	2200 × 1960	-		— 40	
	1150 b	1000 × 2100	1600 × 1650	2300 × 1960	-			
	1200 a	1000 × 2100	1800 × 1450	2400 × 1760	-			
		900 × 2100	1600 × 1650	2200 × 1960	-	- 8.3 -		
	1200 b	1000 × 2100	1600 × 1650	2300 × 1960	-			
	550 a		1100 × 1250	1800 × 1570	1680 × 1630	- - 6.0 -	40	3000
	550 b	- - 800 × 2100 - -	1200 × 1180	1850 × 1490	1780 × 1550			
	630 a		1100 × 1400	1800 × 1710	1680 × 1770			
	630 b		1200 × 1250	1850 × 1570	1780 × 1630			
	680		1200 × 1350	1850 × 1690	1780 × 1750	- - - - 9.5 - -		
	750 a		1300 × 1400	1900 × 1710	1900 × 1770			
	750 b		1200 × 1450	1850 × 1760	1780 × 1820			
	800	900 × 2100	1350 × 1400	2070 × 1710	1960 × 1770			
	900		1600 × 1350	2200 × 1690	2230 × 1750			
1.50	1000 a		1600×1400	2200 × 1710	2210 × 1800			
	1000 b	800 × 2100	1100 × 2100	1850 × 2410	1710 × 2470			
	(Deep car)	900 × 2100	1100 × 2100	2000 × 2410	1710 × 2470			
	1150 a	1000 × 2100	1800 × 1450	2400 × 1760	-			
	1150 b	900 × 2100	1600 × 1650	2200 × 1960	-	12.0		
		1000 × 2100	1600 × 1650	2300 × 1960	-			
	1200 a	1000 × 2100	1800 × 1450	2400 × 1760	-	-	_	
	1200 b	900 × 2100	1600 × 1650	2200 × 1960	-	- 12.5 -		
		1000 × 2100	1600 × 1650	2300 × 1960	-			

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Remark: These dimensions are valid for elevators following the EN81-20/50 code

#### MACHINE BEAM REACTION VALUE & PIT REACTION VALUE

#### UNIT: KG

LOADING CAPACITY (KG)	GOV-AXIS CAPACITY (WALL- HORIZONTAL WEIGHT)	GOV-AXIS CAPACITY (WALL- VERTICAL WEIGHT)	TM-AXIS CAPACITY (WALL- HORIZONTAL WEIGHT)	TM-AXIS CAPACITY (WALL- VERTICAL WEIGHT)	CAR-AXIS BUFFER IMPULSE LOADING	CWT-AXIS BUFFER IMPULSE LOADING	CAR-AXIS IMPULSE LOADING AT EMERGENT STOP	GUID SHOE REAC	
	HR1	HR2	HR3	HR4	R1	R2	R3	FX	FY
320	- - - - - 650 - -	300	1250	750	4430	3700	3500	- - - 88	
450					5230	4200	4000		
550 a					6100	4750	4520		00
550 b					6150	4790	4550		90
630 a					6610	5070	4860		
630 b					6610	5070	4860		
680					7290	5630	5320	- - - 175 22 -	225
750 a					7790	5970	5740		
750 b					7670	5850	5650		
800					8460	6530	6180		
900					9640	7470	6930		
1000 a					10140	7750	7220		
1000 b (Deep car)					10140	7750	7220		
1150 a	- 800 -	450	1500	900	10770	8030	7550		
1150 b								215	260
1200 a					10980	8120	7660	=	

#### **OVERHEAD & PIT**

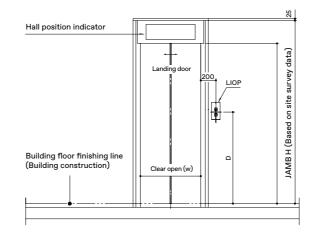
SPEED (M/S)	OVERHEAD* (MM)	OVERHEAD* (MM)			
SPEED (IVI/S)	BELOW 1000KG	EXCEED 1000KG	—— PIT (MM)		
1.00	3800	3900	1150		
1.50	3900	4000	1500		

<sup>\*</sup>The overhead size needs to be adjusted when an air-conditionner is added to the car.

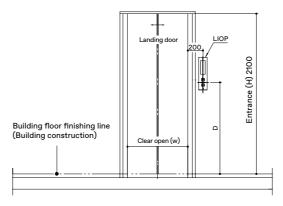
Remark: Marble floor and air-conditioner cannot be installed at the same time due to load limit.

# **ENTRANCE**

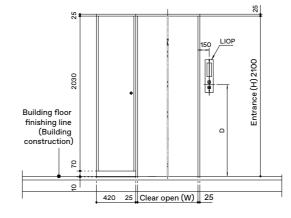
#### Main entrance (with transom)



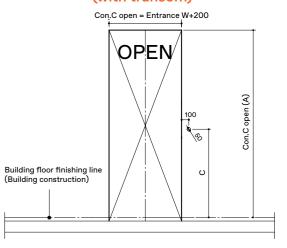
### Other entrance (without transom)



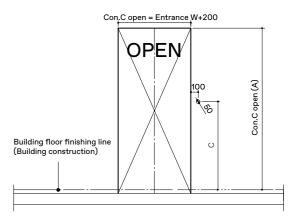
## Entrance (top floor) with control panel



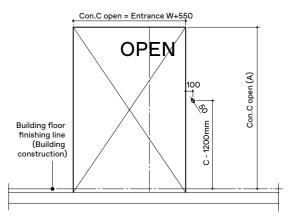
#### Structural opening (with transom)



# Structural opening (without transom)



#### Structural opening (top floor)



	WITH TRANSOM	WITHOUT TRANSOM	FOR THE DISABLED
Opening area height (A)	2500mm	2200mm	-

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locations

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24,000+



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