META200 SENSE THE DIFFERENCE

meta200 brings an all-round premium experience to your building with classy cabins, smooth ride and utmost safety.

Deloitte.
DLF

meta200
sense the difference

meta200 targets mid-rise buildings in the residential and commercial sectors, where design and performance matters.

Offering inspiring designs and German precision-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 building’s vibe into the elevator.

Provides 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

- Machine room and Machineroom-less
- Max. travel height: ≤120 m (MR)
- Max. travel height: ≤80 m (MRL)
- Max. number of stops: ≤24
- Max. rated load: 1632kg
- Rated speed: ≤2.5m/s (MR)
- Rated speed: ≤1.75m/s (MRL)

Increase your returns

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

German precision-engineering and the highest code compliance makes meta200 a great investment to enhance your building's value.

With German precision-engineering and market-leading innovations, TK Elevator is one of the world's principle elevator companies. Built on stringent processes and the highest code compliance, meta200 will enhance any building's value.

Extensive application, specification and features to meet the different requirements of your building segment.

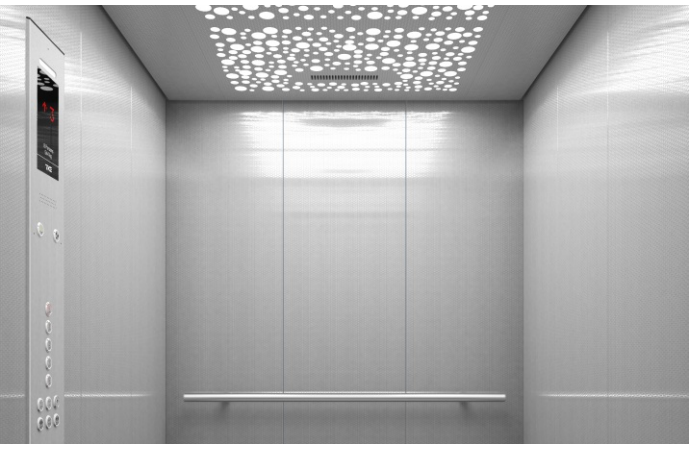
meta200 fits a wide variety of applications, meeting the needs of mid-rise buildings across all segments from office, malls and residential. With MR solutions up to 1632 kg at 2.5 m/s and MRL solutions up to 1632 kg at 1.75 m/s, our elevators are equipped with a wide array of features to meet your building's 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.

Match your building’s style with our trend-based designs.

Our team of experienced designers have studied the latest trends to bring you a range of premium quality cabins that will enhance the look and feel of your building. Using high-end materials, we offer a range of premium designs including etched patterns and highly durable finishes, that add a luxurious visual and tactile dimension to the cabins. Take pride in your building’s unified look from entering the lobby, travelling in the elevator, through to arriving at your desired destination.



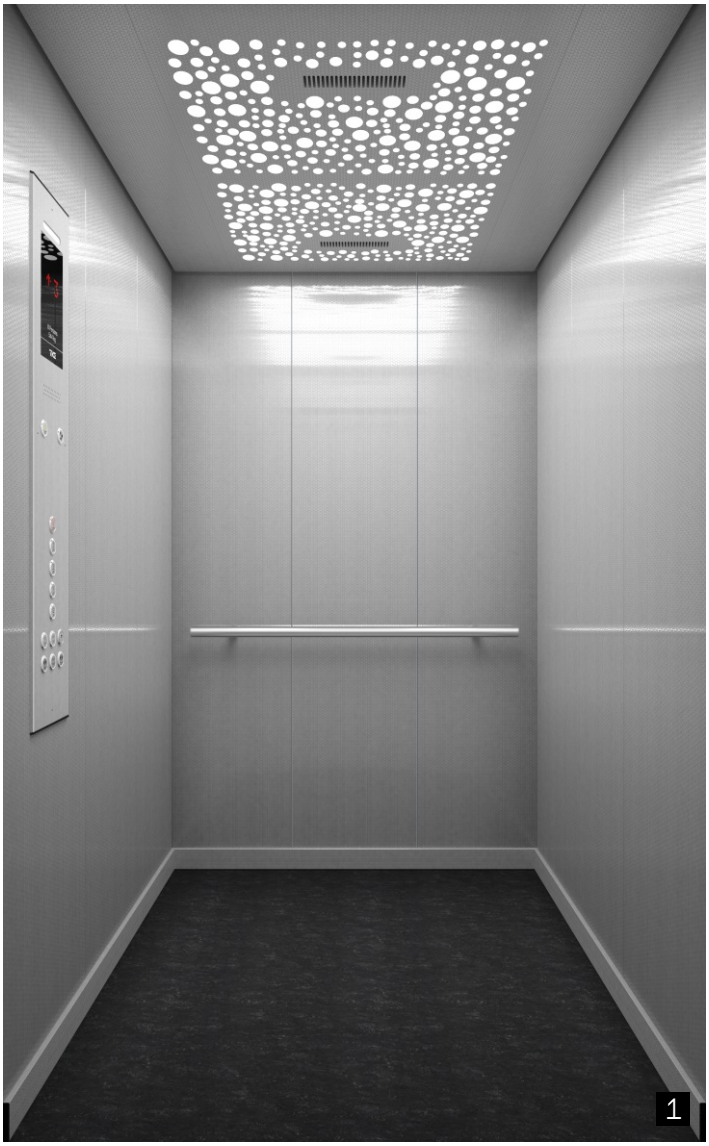
Sensible safety and security features provide a responsive overall system.

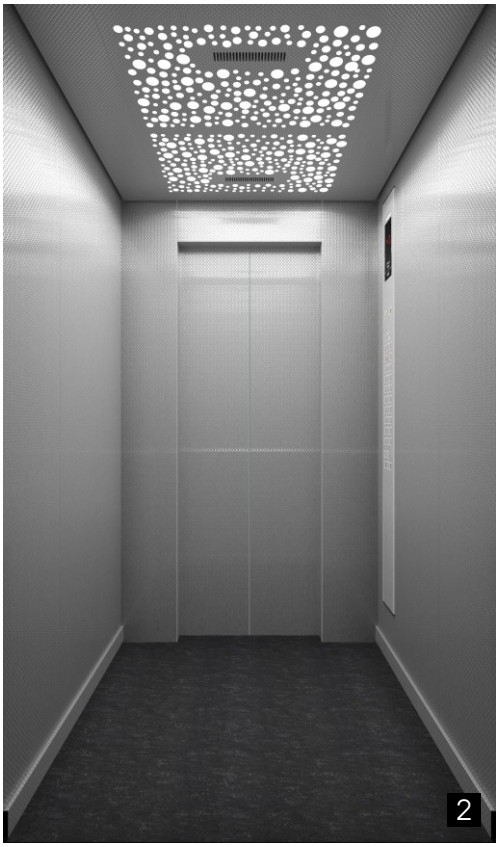
Should power fail, the Automatic Rescue Device (ARD) releases passengers on the nearest floor for immediate exit. Our in-car CCTV camera* helps property management to monitor the situation and our 3-way intercom (elevator cabin, controller and lobby) and an alarm button in the COP always ensures user safety.

*Optional feature

STYLISH

Stylish interior design with a touch of luxury.





1 URBAN MAZE

Ceiling
Moon Light, Silver Comb (SS Honeycomb)

Side Wall
Silver Comb
(SS Honeycomb)

Rear Wall
Silver Comb
(SS Honeycomb)

Front Wall
Silver Comb
(SS Honeycomb)

Door
Silver Comb
(SS Honeycomb)

Floor
PVC Forbo Real Black - 2939

2 URBAN GRACE

Ceiling
Moon light, Silver Star (SS Linen)

Side Wall
Silver Star
(SS Linen)

Rear Wall
Silver Star
(SS Linen)

Front Wall
Silver Star
(SS Linen)

Door
Silver Star
(SS Linen)

Floor
PVC Forbo Real Black - 2939

COP
Red LED
dot matrix

CLASSICS REDEFINED

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

1 VERVE

Ceiling
Round Light, Daffodil Ivory (PC - RAL 1013)

Side Wall
Daffodil Ivory
(PC - RAL 1013)

Rear Wall
Daffodil Ivory
(PC - RAL 1013)

Front Wall
Daffodil Ivory
(PC - RAL 1013)

Door
Daffodil Ivory
(PC - RAL 1013)

Floor
PVC Forbo Real Black - 2939

2 SILVER GRACE

Ceiling
Round Light, Silver Sky (SS Hairline)

Side Wall
Silver Sky
(SS Hairline)

Rear Wall
Silver Sky
(SS Hairline)

Front Wall
Silver Sky
(SS Hairline)

Door
Silver Sky
(SS Hairline)

Floor
PVC Forbo Real Black - 2939

COP
Red LED
dot matrix

CONTEMPORARY

Minimalistic interior design, influenced by local taste.

1 REGAL BLUE

Ceiling
Square Light, Silver Brunia (PC - RAL 7035)

Side Wall
Silver Brunia
(PC - RAL 7035)

Rear Wall
Indian Lily
(PC - RAL 5012)

Front Wall
Silver Brunia
(PC - RAL 7035)

Door
Silver Brunia
(PC - RAL 7035)

Floor
PVC Forbo Serene Grey - 3146

2 DEEP BLUE

Ceiling
Square Light, Floral White (PC - RAL 9003)

Side Wall
Indian Lily
(PC-RAL 5012)

Rear Wall
Indian Lily
(PC-RAL 5012)

Front Wall
Indian Lily
(PC-RAL 5012)

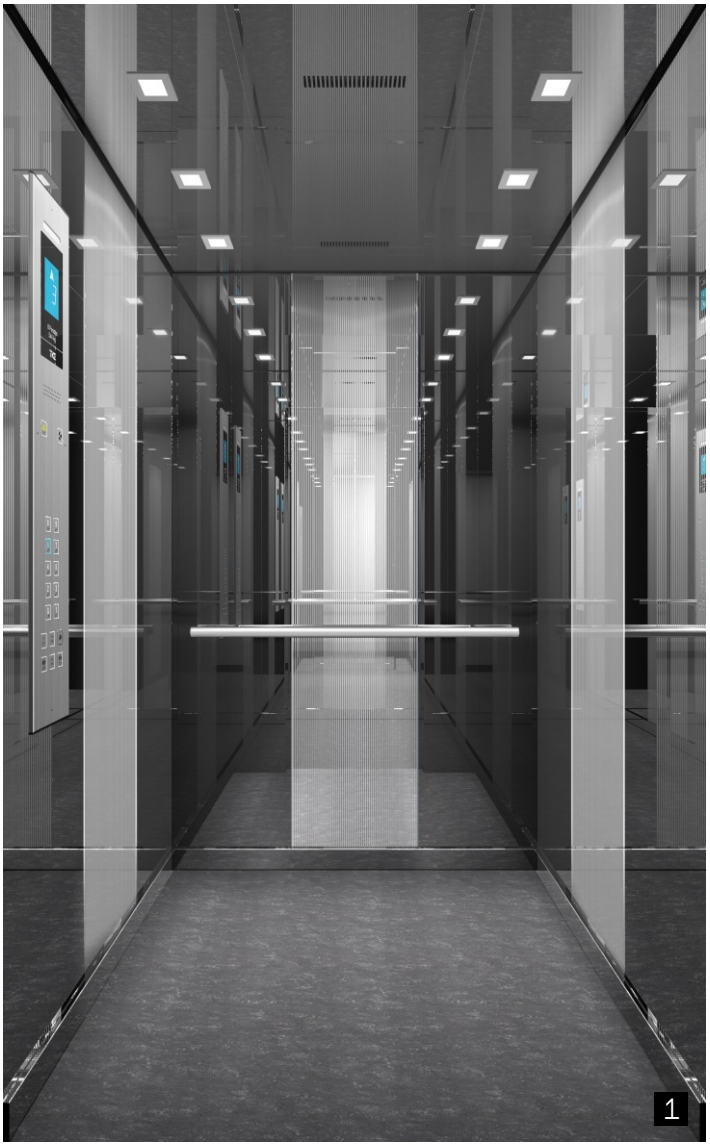
Door
Indian Lily
(PC-RAL 5012)

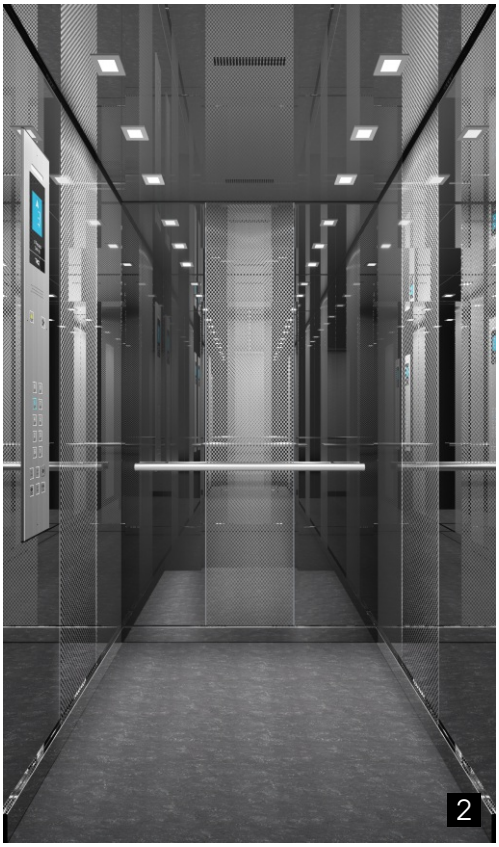
Floor
PVC Forbo Eternity - 3866

COP
Blue-White
LCD

CONTEMPORARY

Minimalistic interior design, influenced by local taste.





1 MAGICAL STRIPES

Ceiling
Square Light, Imagica (SS Mirror)

Side Wall
Imagica (SS Mirror) (F), SS Regal (M) Imagica (SS Mirror) (R)

Rear Wall
Imagica (SS Mirror) (L), SS Regal (M) Imagica (SS Mirror) (R)

Front Wall
Imagica (SS Mirror)

Door
Imagica (SS Mirror)

Floor
PVC Forbo Real Black - 2939

2 GRAND DESIGNO

Ceiling
Square Light, Imagica (SS Mirror)

Side Wall
Imagica (SS Mirror) (F), SS Melange (M) Imagica (SS Mirror) (R)

Rear Wall
Imagica (SS Mirror) (L), SS Melange (M) Imagica (SS Mirror) (R)

Front Wall
Imagica (SS Mirror)

Door
Imagica (SS Mirror)

Floor
PVC Forbo Real Black - 2939

COP
Blue-White
LCD

Provides a stylish experience

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

Keep the users entertained

12.1 inch Multimedia LCD* with the option of offline streaming keeps the passengers entertained during travel.

The VIP operation

The VIP operation* feature helps the building management reserve an elevator for times when a special guest is expected.

Smooth ride

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

Clear information

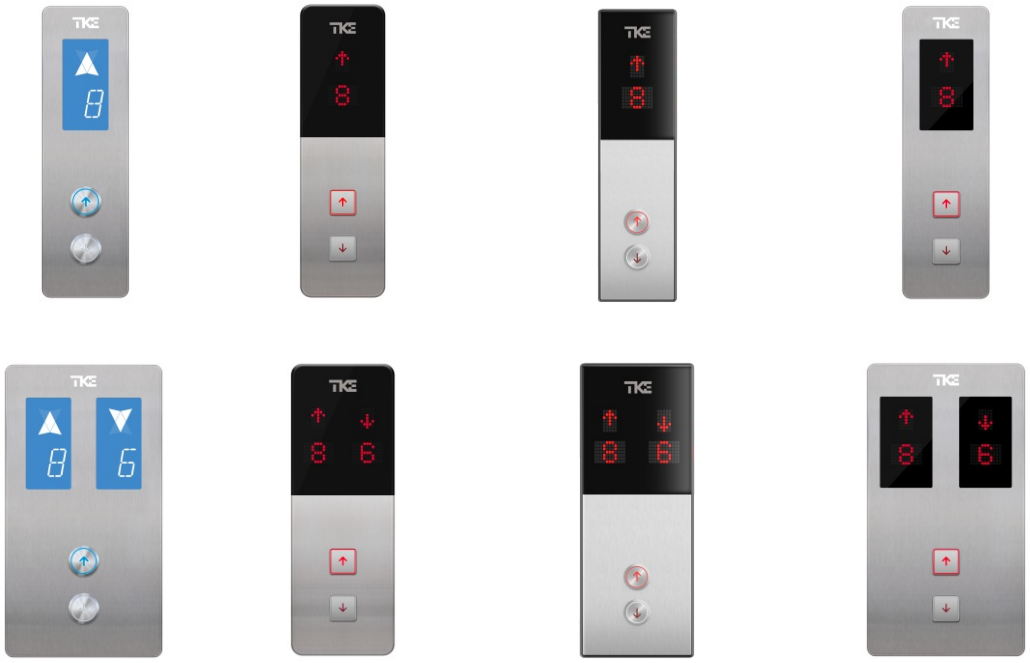
Car arrival chime* and voice announcement* features with adjustable sound effects and volume provides clear information.

* Optional configuration

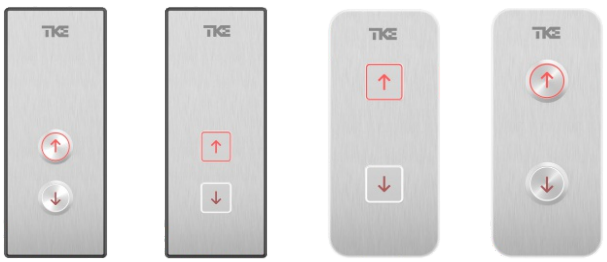
FIXTURES & ACCESSORIES

Multiple options to match your cabin design.

LIOP/LOP

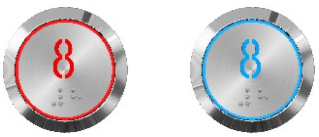


Type	LS1A & LD1A	LS2C & LD2C	LS3A & LD3A	LS1A & LD1A
Faceplate	SSHL	SSHL	SSHL	SSHL
Indicator	Blue White LCD	Red LED Dot Matrix	Red LED Dot Matrix	Red LED Dot Matrix
Button/ Illumination	AN180/ Blue	MT42/ Red	AN180/ Red	MT42/ Red

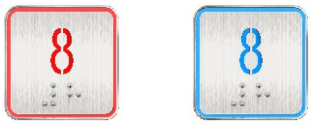


Type	LB3A	LB3A	LB2C	LB2C
Faceplate	SSHL	SSHL	SSHL	SSHL
Button/ Illumination	AN180/ Red	MT42/ Red	MT42/ Red	AN180/ Red

Buttons



AN180



MT42

COP

Variety of COPs, Hall Indicators and Hall Lanterns to suit your building.

Type	Full Length	Full Length
Faceplate	SSHL	SSHL
Indicator	Blue White LCD	Red LED Dot Matrix
Button/ Illumination	AN180/ Blue	MT42/ Red

Ceiling

Center LED

Square LED

Round LED

Type	Half Length	Small
Faceplate	SSHL	SSHL
Indicator	Blue White LCD	Red LED Dot Matrix
Button/ Illumination	MT42 Blue	MT180 Red

* Available in Red LED Dot Matrix as well.
* Up to 8 stops and only comes with Red LED Dot Matrix.

Hall Indicator

Type	LI3A	LI2C
Indicator	Red LED Dot Matrix	Red LED Dot Matrix

Hall Lantern

Type	HL107	HL104	HL101
Illumination	Green/Red	White	White

- Actual colours of the product may vary from the printed brochure.
- SS Handrail (on rear wall) and Mirror (full width, half length) is optional.

FUNCTION LIST

CATEGORY	NO.	FUNCTION	STANDARD / OPTION
Enhanced Car Function	1	ACVVVFclosed loop drive	S
	2	Automatic operation for car fan	S
	3	Full load by-pass	S
Group/Duplex control	4	Continuity of service: car experiencing trouble withdrawn from group	S
	5	2-8 Car group, with independent operation feature	O
	6	Dispersed waiting and Peak service function	O
Human Machine Interface	7	Dot matrix scrolling display in COP, LIOP	S
	8	Door open/door close buttons in car operating panel	S
	9	Car arrival chime on car top	O
	10	Hall indicator with scrolling dot matrix display in red color (landing operating panel will be w/o display)	O
	11	Hall lantern (applicable for duplex only)	O
	12	LCD in car/ landing operating panel (5.7"/ 4.3" blue and white)	O
	13	Provision for music system wiring (in travelling cable)	O
	14	Voice announcement unit (English language only)	O
Monitoring	15	Intercom 3-way (elevator car, controller and lobby/security)	S
	16	Interface to Building Monitoring System (BMS) through potential free contacts / RS485	O
Passenger Comfort	17	Anti-nuisance (car call cancellation at direction reversal)	S
	18	Braille on push buttons	S
	19	Car call cancellation by double pressing floor button in car operating panel	S
	20	Home landing	S
	21	Adjustable waiting time for opening door at the main landing	S
	22	Next landing: onward travel to the next stop in the case of a non-opening door	S
	23	Anti-nuisance "limit number of car call when empty load"	S
	24	Automatic operation for car fan and light	S
	25	Re-levelling with door open (for car travel >30m)	S
	26	Re-levelling with door open (for car travel <=30m)	O
	27	Advance door opening	O

meta200

FUNCTION LIST

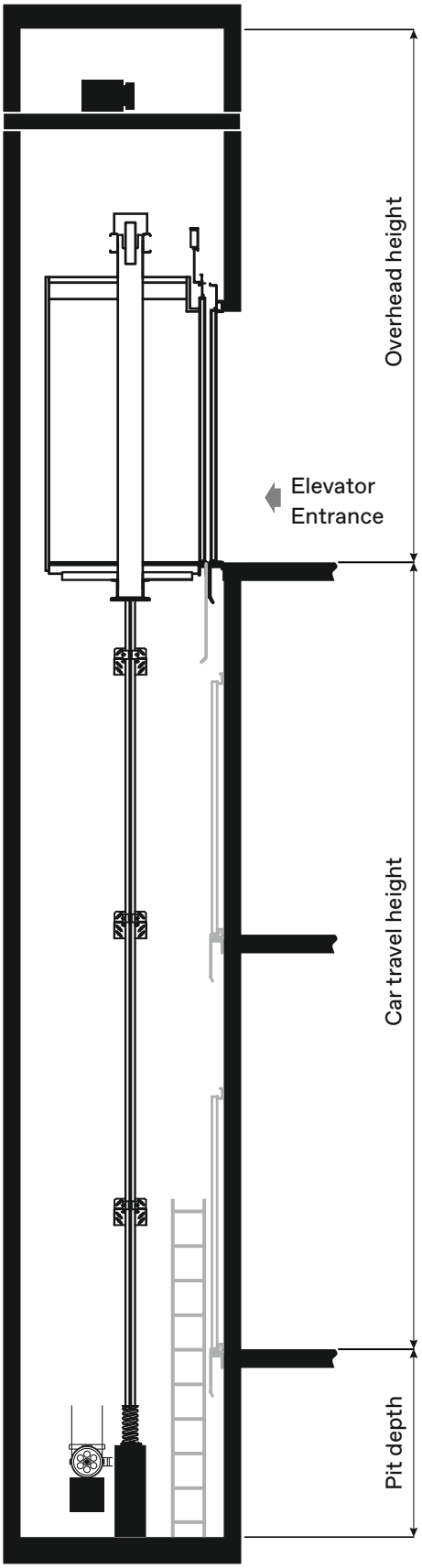
CATEGORY	NO.	FUNCTION	STANDARD / OPTION
	28	Floor blocking (floor out of service)	O
	29	Parking operation (key switch in landing operating panel)	O
	30	Re-level to nearest floor at power on	O
	31	2nd COP in car (for 13 pax and above)	O
Safety & Emergency Function	32	Alarm button in COP with battery back-up	S
	33	Adjustable door open time	S
	34	Door closing retries	S
	35	Emergency light in COP	S
	36	2D Infra-red screen for car door	S
	37	Inspection operation from controller and car top	S
	38	Jammed landing operating panel call button by-pass	S
	39	Motor overheat protection	S
	40	Overload function with audio-visual indication in car operating panel	S
	41	Phase failure and Phase reversal protection	S
	42	Fire emergency return	S
Security	43	Fireman operation	O
	44	Auto rescue device in case of power failure (Standard for MRL)	O
	45	3D infra-red screen for car door	O
	46	Door nudging	O
	47	Earthquake function (earthquake sensors by customer)	O
	48	VIP Operation (landing operating panel VIP Function)	O
	49	Compulsory stop floor	O
	50	Attendant control	O
	51	Independent operation (car VIP function)	O
	52	Provision for CCTV camera signals (in travelling cable)	O

All product specifications and parameters specified in this brochure are recorded according to the data valid at the time it was printed. TK Elevator India is entitled to, upon its sole discretion, adjust the relevant technical specifications and/or other parameters according to the actual production situation. Kindly contact the local representative or the nearest sales branch of TK Elevator when purchasing our products. TK Elevator India reserves the sale and exclusive interpretation right on any and all content in this brochure.

Note: S - Standard O - Option

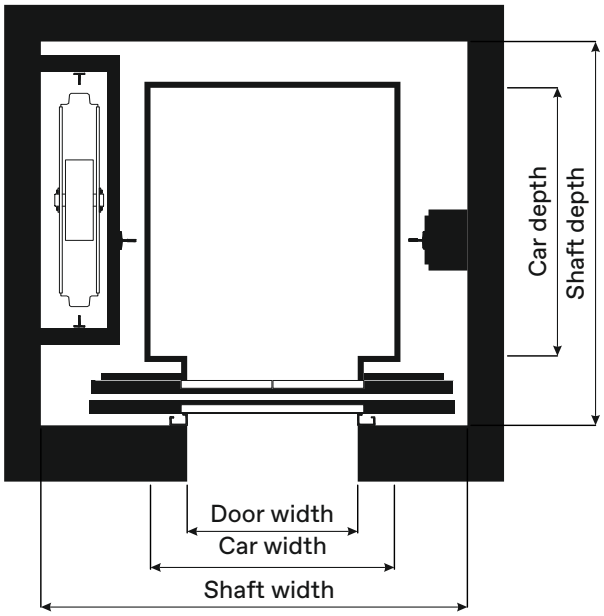
LAYOUT

Shaft vertical section

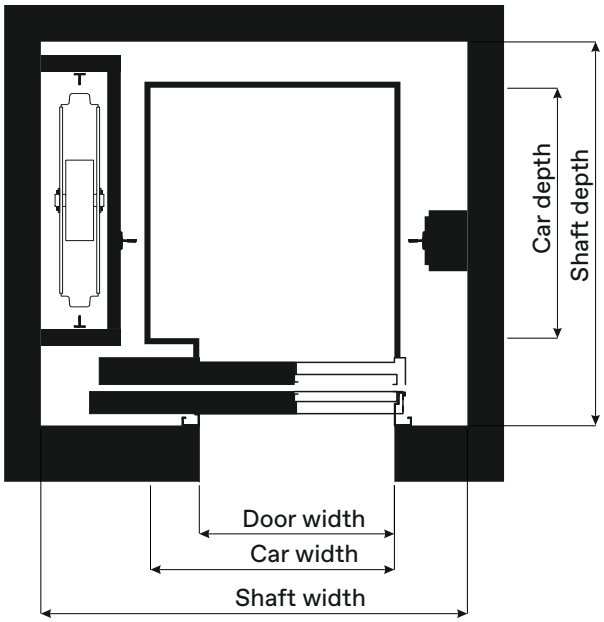


An illustration of
Automatic center opening door.

Top floor elevator plan



Car plan-ACO with side cwt frame



Car plan-ATO with side cwt frame

meta200 MRL

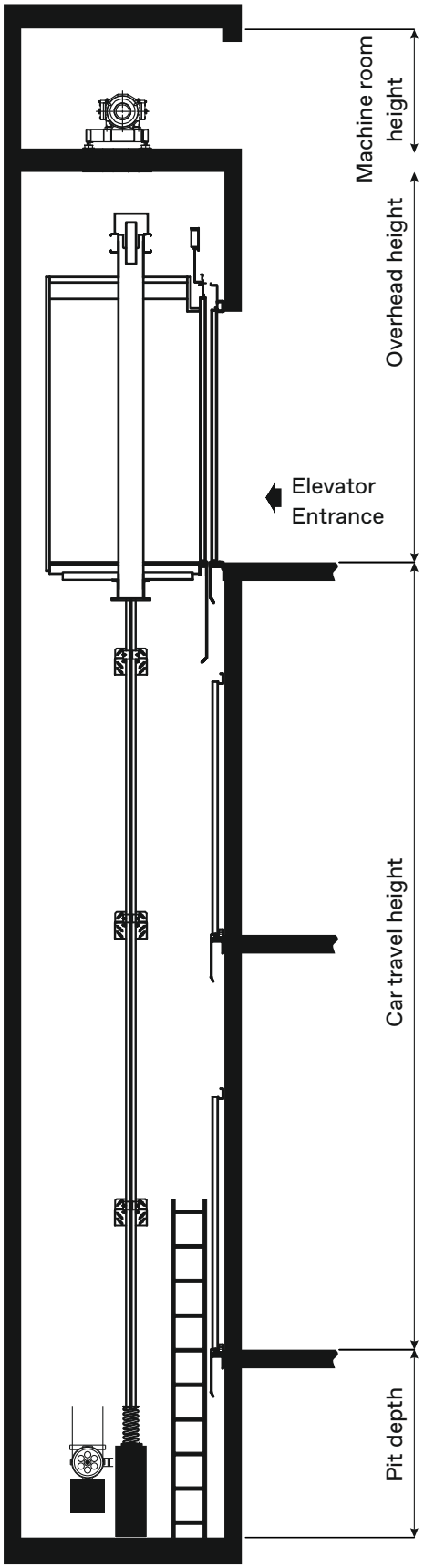
TECHNICAL SPECIFICATIONS

RATED LOAD (KG)	PAX CAPACITY	DOOR TYPE	DOOR WIDTH (DW) MM	CAR SIZE (CW X CD) (MM)	SHAFT SIZE (MIN) (SW X SD) (MM)	SHAFT SIZE (MAX) (SW X SD) (MM)
408	06	ACO	700	1000 x 1100	1650 x 1575	2175 x 2125
		ACO	800	1000 x 1100	1800 x 1575	2175 x 2125
		ACO	700	1100 x 1000	1725 x 1525	2275 x 2125
		ACO	800	1100 x 1000	1800 x 1525	2275 x 2125
		ACO	700	950 x 1200	1625 x 1625	2125 x 2125
		ACO	800	950 x 1200	1800 x 1625	2125 x 2125
544	08	ACO	800	1100 x 1300	1800 x 1675	2275 x 2250
		ATO	800	1100 x 1300	1775 x 1750	2275 x 2250
		ACO	800	1300 x 1100	1925 x 1575	2475 x 2250
		ATO	800	1300 x 1100	1975 x 1650	2475 x 2250
680	10	ACO	800	1350 x 1300	1975 x 1675	2525 x 2550
		ATO	800	1350 x 1300	2025 x 1750	2525 x 2550
		ACO	800	1100 x 1600	1800 x 1975	2275 x 2550
		ATO	800	1100 x 1600	1775 x 2050	2275 x 2550
884	13	ACO	900	1100 x 2000	2000 x 2375	2275 x 2950
		ATO	900	1100 x 2000	1825 x 2450	2275 x 2950
		ACO	900	1550 x 1400	2275 x 1775	2725 x 2950
		ATO	900	1550 x 1400	2275 x 1850	2725 x 2950
		ACO	900	1600 x 1350	2300 x 1725	2775 x 2950
		ATO	900	1600 x 1350	2325 x 1800	2775 x 2950
		ACO	900	2000 x 1100	2675 x 1600	3175 x 2950
1020	15	ACO	900	1600 x 1500	2300 x 1875	2775 x 3350
		ATO	900	1600 x 1500	2325 x 1950	2775 x 3350
	15 BED	ACO	900	1000 x 2400	2000 x 2775	2175 x 3350
		ATO	900	1000 x 2400	1725 x 2850	2175 x 3350
1088	16	ACO	1000	1600 x 1600	2300 x 1975	2775 x 2550
		ATO	1000	1600 x 1600	2325 x 2050	2775 x 2550
		ACO	1000	2000 x 1300	2700 x 1675	3175 x 2550
1360	20 BED	ACO	1000	1300 x 2400	2200 x 2775	2475 x 3350
		ATO	1000	1300 x 2400	2000 x 2850	2475 x 3350
	20	ACO	1000	1800 x 1700	2500 x 2075	2975 x 3350
		ACO	1000	2000 x 1550	2700 x 1925	3175 x 3350
1632	24	ACO	1000	2000 x 1800	2675 x 2200	3175 x 2700

Abbreviations:
CW: Car width, CD: Car depth, CH: Car height (Car inside clear height),
DW: Door width, DH: Door height, SW: Shaft width, SD: Shaft depth, ACO: Automatic center opening, ATO: Automatic telescopic opening, FTFH: Floor to floor height, TH: Travel height, OH: Overhead, PD: Pit depth, MR: Machine room, MRW: Machine room width, MRD: Machine room depth, MRH: Machine room height

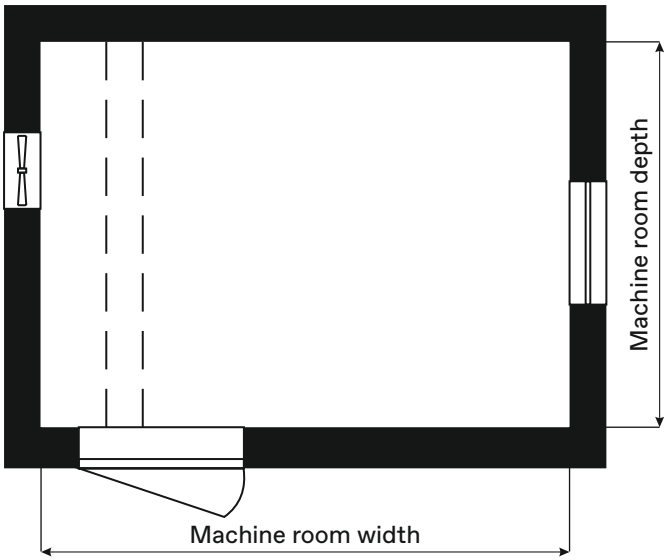
LAYOUT

Shaft vertical section

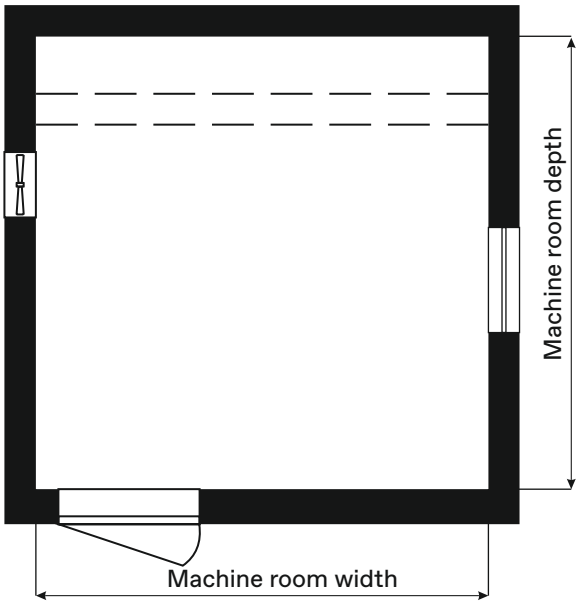


An illustration of Automatic center opening door.

Top floor elevator plan



Machine room plan for side cwt position



Machine room plan for rear cwt position

meta200 MR

TECHNICAL SPECIFICATIONS

RATED LOAD (KG)	PAX CAPACITY	DOOR TYPE	DOOR WIDTH (DW) MM	CAR SIZE (CW X CD) (MM)	SHAFT SIZE (MIN) (SW X SD) (MM)	SHAFT SIZE (MAX) (SW X SD) (MM)
408	06	ACO	700	1000 x 1100	1600 x 1700	2125 x 1975
		ACO	800	1000 x 1100	1800 x 1700	2125 x 1975
		ACO	700	1100 x 1000	1600 x 1600	2225 x 1875
		ACO	800	1100 x 1000	1800 x 1600	2225 x 1875
		ACO	700	950 x 1200	1600 x 1800	2075 x 2075
		ACO	800	950 x 1200	1800 x 1800	2075 x 2075
544	08	ACO	800	1100 x 1300	1800 x 1900	2225 x 2175
		ATO	800	1100 x 1300	1550 x 1975	2225 x 2250
		ACO	800	1300 x 1100	1800 x 1700	2425 x 1975
		ATO	800	1300 x 1100	1750 x 1775	2425 x 2050
680	10	ACO	800	1350 x 1300	1800 x 1900	2475 x 2175
		ATO	800	1350 x 1300	1800 x 1975	2475 x 2250
		ACO	800	1100 x 1600	1800 x 2200	2225 x 2475
		ATO	800	1100 x 1600	1550 x 2275	2225 x 2550
884	13	ACO	900	1100 x 2000	2000 x 2375	2275 x 2375
		ATO	900	1100 x 2000	1800 x 2450	2275 x 2450
		ACO	900	1550 x 1400	2000 x 2050	2675 x 2300
		ATO	900	1550 x 1400	2000 x 2125	2675 x 2375
		ACO	900	1600 x 1350	2000 x 2000	2725 x 2250
		ATO	900	1600 x 1350	2025 x 2075	2725 x 2325
		ACO	900	2000 x 1100	2400 x 1750	3125 x 2000
1020	15	ACO	900	1600 x 1500	2000 x 2150	2725 x 2400
		ATO	900	1600 x 1500	2025 x 2225	2725 x 2475
	15 BED	ACO	900	1000 x 2400	2000 x 2775	2175 x 2775
		ATO	900	1000 x 2400	1725 x 2850	2175 x 2850
1088	16	ACO	1000	1600 x 1600	2200 x 2250	2725 x 2500
		ATO	1000	1600 x 1600	2050 x 2325	2725 x 2575
		ACO	1000	2000 x 1300	2400 x 1950	3125 x 2200
1360	20 BED	ACO	1000	1300 x 2400	2225 x 2775	2475 x 2775
		ATO	1000	1300 x 2400	2000 x 2850	2475 x 2850
	20	ACO	1000	1800 x 1700	2200 x 2350	2925 x 2600
		ACO	1000	2000 x 1550	2400 x 2200	3125 x 2450
1632	24	ACO	1000	2000 x 1800	2400 x 2450	3125 x 2700

Abbreviations:
CW: Car width, CD: Car depth, CH: Car height (Car inside clear height),
DW: Door width, DH: Door height, SW: Shaft width, SD: Shaft depth, ACO: Automatic center opening, ATO: Automatic telescopic opening, FTFH: Floor to floor height, TH: Travel height, OH: Overhead, PD: Pit depth, MR: Machine room, MRW: Machine room width, MRD: Machine room depth, MRH: Machine room height

meta200

GENERAL PLANNING DATA

MRL

FEATURES	DESCRIPTION
Minimum overhead (OH) mm	
1 m/s speed	4250 (upto 16P)/4350 (>16P)*
1.5 & 1.75 m/s speed	4500 (upto 16P)/4700 (>16P)*
Minimum Pit depth (PD) (mm)	
1.00 m/s speed	1500 (upto 10P)/1600
	(>10P~16P)/1700 (>16P)
1.50 & 1.75 m/s speed	1700 (upto 10P)/1800 (>10P)
2.00 m/s speed	NA
2.50 m/s speed	NA
Minimum floor to floor height (mm)	Door height + 600
Maximum floor to floor height (mm)	11000
Maximum travel height (TH) (m)	
1 m/s speed	50
1.5 & 1.75 m/s speed	80
Door height (mm)	2000/2100/2200/2300/2400
Car height (mm) (Upto Sus. Ceiling)	2100/2200/2300/2400/2500

MR

FEATURES	DESCRIPTION
Minimum overhead (OH) mm	
1 m/s speed	4000 (upto 24P)*
1.5/1.75/2 m/s speed	4300 (upto 24P)*
2.5 m/s speed	4700 (upto 24P)*
Minimum Pit depth (PD) (mm)	
1.00 m/s speed	1500
1.50 & 1.75 m/s speed	1600 Upto 20P/1700 >20P
2.00 m/s speed	1700
2.50 m/s speed	1850
Minimum floor to floor height (mm)	Door height + 600
Maximum floor to floor height (mm)	11000
Maximum travel height (TH) (m)	
1 m/s speed	50
1.5 & 1.75 m/s speed	80
2.00 m/s speed	110 (upto 15P)/120 (16P~24P)
2.50 m/s speed	120 (upto 24P)
Door height (mm)	2000/2100/2200/2300/2400
Car height (mm) (Upto Sus. Ceiling)	2100/2200/2300/2400/2500
Machine Room Height	2500
Machine Room Dimension	
MRW	SW + Extn.
MRD	SD + Extn.

- 500 mm machine room extension required at machine side
- In case of car height 2200/2300/2400/2500 mm, additional OH is required as 100/200/300/400 mm respectively to min OH mentioned above for 2100 mm car height
- 2 mps & 2.5 mps from 10P onwards & maximum shaft width x depth dimension shown shall be 50 mm minus.

PERMITTED DEVIATION FOR SW & SD				
Shaft height (SH) mm	Sh≤30 m	30 m<SH≤60 m	60 m<SH≤90 m	90 m<SH≤200 m
Permitted deviation	0~+25mm	0~+35mm	0~+50mm	0~+100mm

- Please follow the dimensions and tolerances provided above when planning your elevator shaft.
- If you require any further information, our sales representatives will be happy to help.

* Door height+100 or Door height+200 is the car clear height.

YOUR INNOVATION PARTNER

Elevators and escalators under maintenance

1,200,000

Customers in countries

100+

Employees

50,000+

Service available for customers

24/7

Locations

1,000+

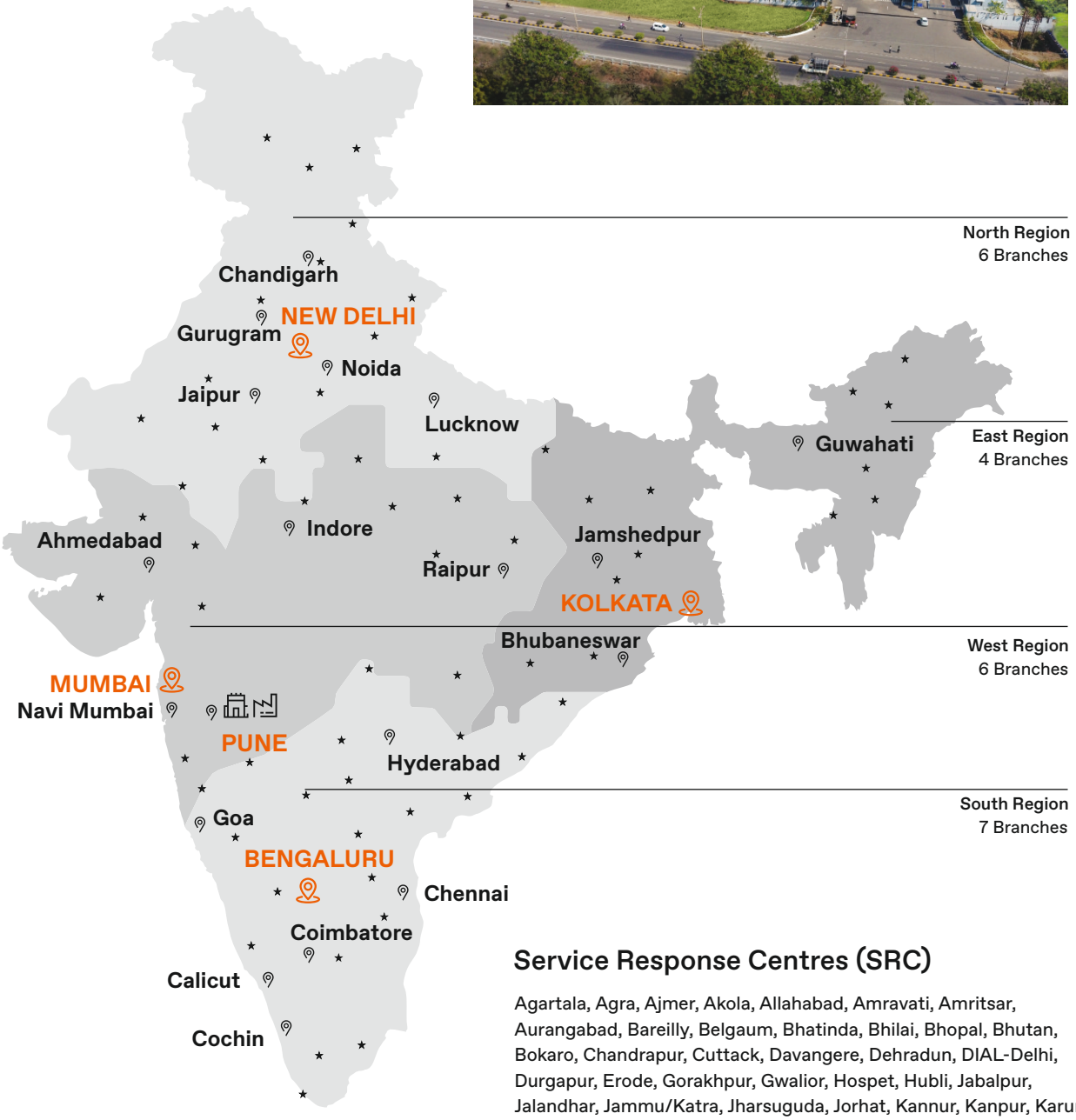
Service technicians

24,000+

PAN India network

Nation-wide network of 4 Regional Offices,
23 Branches and 74 Service and Response Centres.

State-of-the art, Multi-Purpose Facility with HQ, Production Facility, Central Warehouse, Centralized Call Center, Experience Center, Training Center/SEED, Product Showroom and Test Shafts at Chakan, Pune.



HQ RO Branch SRC MPF

Service Response Centres (SRC)

Agartala, Agra, Ajmer, Akola, Allahabad, Amravati, Amritsar, Aurangabad, Bareilly, Belgaum, Bhatinda, Bhilai, Bhopal, Bhutan, Bokaro, Chandrapur, Cuttack, Davangere, Dehradun, DIAL-Delhi, Durgapur, Erode, Gorakhpur, Gwalior, Hospet, Hubli, Jabalpur, Jalandhar, Jammu/Katra, Jharsuguda, Jorhat, Kannur, Kanpur, Karur, Karwar, Kolhapur, Kollam, Kota, Kottayam, Ludhiana, Madurai, Mysore, Nagpur, Nashik, Palakkad, Panipat/Sonipat, Patna, Pondicherry, Rajkot, Raichur, Ranchi, Salem, Satna, Shaktinagar, Shimoga, Sikkim, Siliguri, Solan, Srinagar, Surat, Thrissur, Tirunelveli, Tirupati, Tirupur, Trichy, Trivandrum, Tuticorin, Udaipur, Udupi, Manipal, Valsad, Varanasi, Vijayawada, Visakhapatnam & Vadodara.

WWW.TKELEVATOR.COM/IN-EN/

meta200 English (04/2021) TK Elevator Innovation and Operations GmbH Asia Pacific Office
The details quoted in this brochure can only be viewed as binding when confirmed expressly in writing. Reproduction, reprint and storage only with authorization of the editor.