



META200 SENSE THE DIFFERENCE

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



meta200 sense the difference

meta200 targets mid & high-rise buildings where design and performance matters.

Offering inspiring designs and German precision-engineering, meta200 brings an all-round premium experience to your building.



Increases your returns

High-performance German engineering makes meta200 a great investment.



Underlines 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 & high-rise buildings

SPECIFICATIONS

Application	MR/MRL
Rated load (kg)	1360, 1632
Max. rated speed (m/s)	2.5
Max. number of stops/landings	38
Max. travel height (m)	125

Increases 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 code compliance make 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 & high-rise buildings across all segments from office, malls and residential. With MR & MRL solutions offering a capacity of 1360 & 1632 kg at a speed up to 2.5 m/s, our elevators are equipped with a diverse range of features to cater to your building's specific requirements.





Sensible safety and security features provide a responsive overall system.

In the event of a power failure, Automatic Rescue Device (ARD) safely releases passengers at the nearest floor for immediate exit. The in-car CCTV camera aids property management in monitoring the situation closely. Additionally, our 5-way intercom and an emergency alarm button in the COP ensure continuous user safety and communication capabilities.

Underlines 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 has meticulously researched the latest trends to present you with a selection of premium-quality cabins. Using high-end materials, we offer a variety of luxurious designs, featuring etched patterns and exceptionally durable finishes. These elements combine to provide a sophisticated visual and tactile experience within the cabins.



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

A 12.1 inch multimedia display with online and offline streaming options keeps passengers entertained and informed 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

High-performance car design with damping devices provides smooth and comfortable travel.

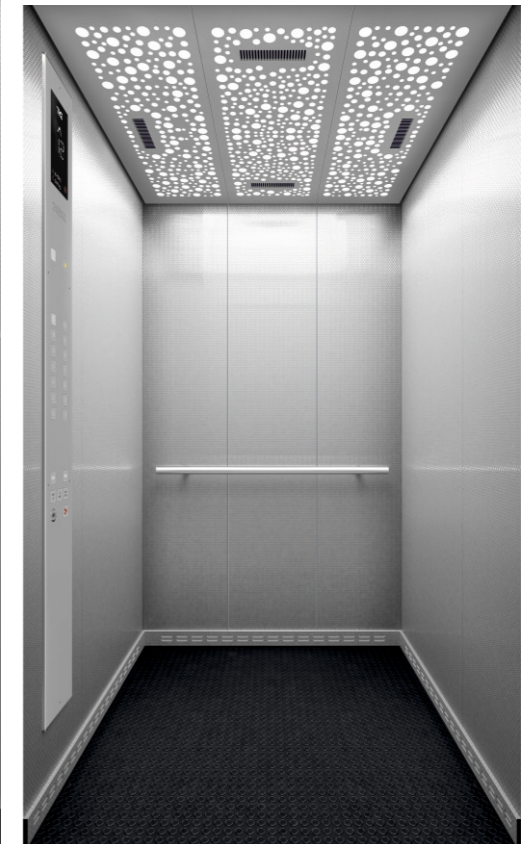
Clear information

Car arrival chime and voice announcement features, with adjustable settings, provide clear passenger information.



STYLISH

Stylish interior design with a touch of luxury.



URBAN MAZE

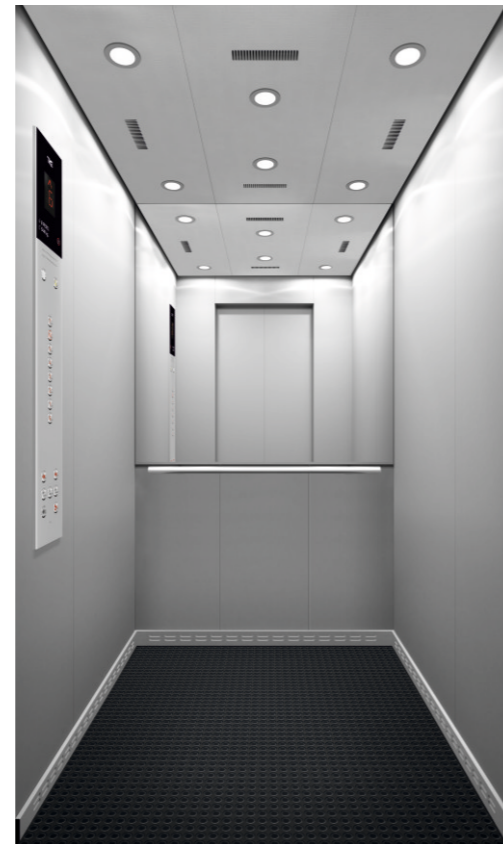
- Ceiling
Starry Light
- Rear Wall
SS Honeycomb
- Side Wall
SS Honeycomb
- Front Wall / Car Door
SS Honeycomb
- Floor
PVC Black Button
- Round Handrail
SS No. 4 Finish

URBAN GRACE






- Ceiling
Starry Light
- Rear Wall
SS Linen
- Side Wall
SS Linen
- Front Wall / Car Door
SS Linen

CLASSICS REDEFINED

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







CREAMY FLAIR

-  Ceiling Ball Light
-  Rear Wall Oyster White
-  Side Wall Oyster White
-  Front Wall / Car Door Oyster White
-  Floor PVC Black Button

Round Handrail
SS No. 4 Finish

PRIME





-  Ceiling Ball Light
-  Rear Wall SS No. 4 Finish
-  Side Wall SS No. 4 Finish
-  Front Wall / Car Door SS No. 4 Finish

CONTEMPORARY

Sleek and modern stainless steel etch finishes to elevate your building's ambience.







MAGICAL STRIPES

-  Ceiling Quad Light
-  Rear Wall SS Regal Stripes, SS Mirror
-  Side Wall SS Regal Stripes, SS Mirror
-  Front Wall / Car Door SS Mirror
-  Floor PVC Black Button

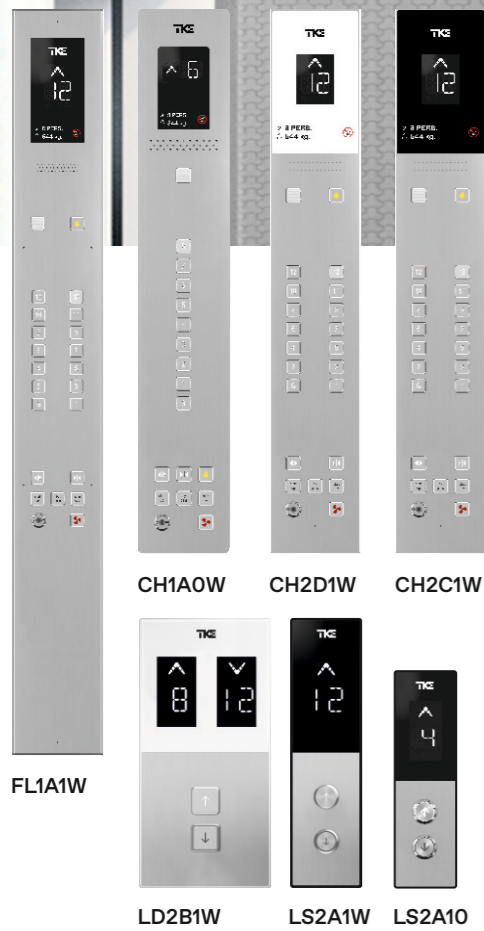
Round Handrail
SS No. 4 Finish

GRAND DESIGNO

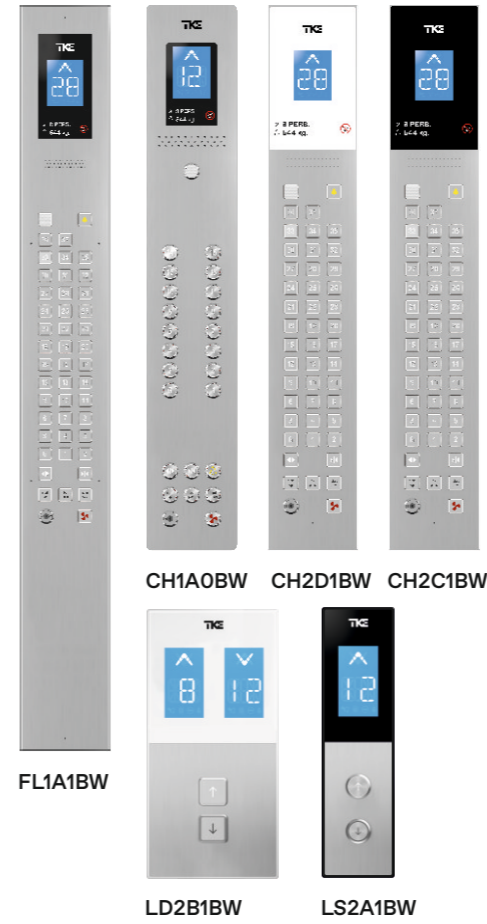
-  Ceiling Quad Light
-  Rear Wall SS Melange, SS Mirror
-  Side Wall SS Melange, SS Mirror
-  Front Wall / Car Door SS Mirror

Cabins & Landing Fixtures:

Refined Aesthetics, Reliable Function



Panel SS No.4 Finish
Indicator Seg. White-LED
Button Square & Round button with white Illumination



Panel SS No.4 Finish
Indicator Seg. Blue/White-LCD
Button Square & Round button with white Illumination



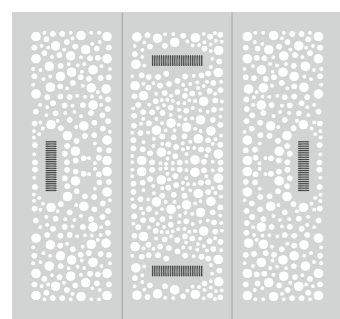
Panel SS No.4 Finish
Indicator Seg. Red-LED
Button Square & Round button with red Illumination

Seg. Red-LED COP available in 4.3" & 5.7" display.
 Seg. Blue/White-LCD COP available in 5.7" display

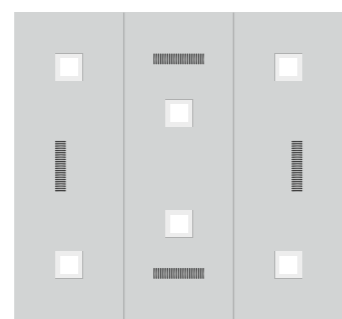
ACCESSORIES

Designed with the same precision as our mechanical engineering, ensuring exceptional quality and satisfaction.

Ceiling



Starry Light



Quad Light



Ball Light

- Ceiling Finish:
Suspended Ceiling:
Powder-coated Cabin- Signal White
Stainless Steel Cabin- SS No. 4 Finish

Mirror



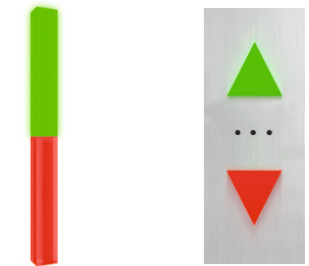
Full-width, Half-height

Round Handrail



SS No. 4 Finish (On rear wall & side walls)

Hall Lantern

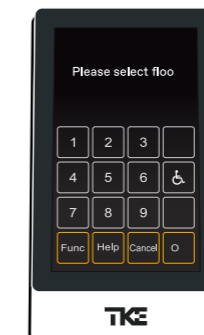


Name HL107 BFK212

Destination Selection Control & Multimedia Display



DSC Keypad
(Flush mounted)



7 inch DSC
Touchscreen Panel
(Surface mounted)



12.1 inch Multimedia Display

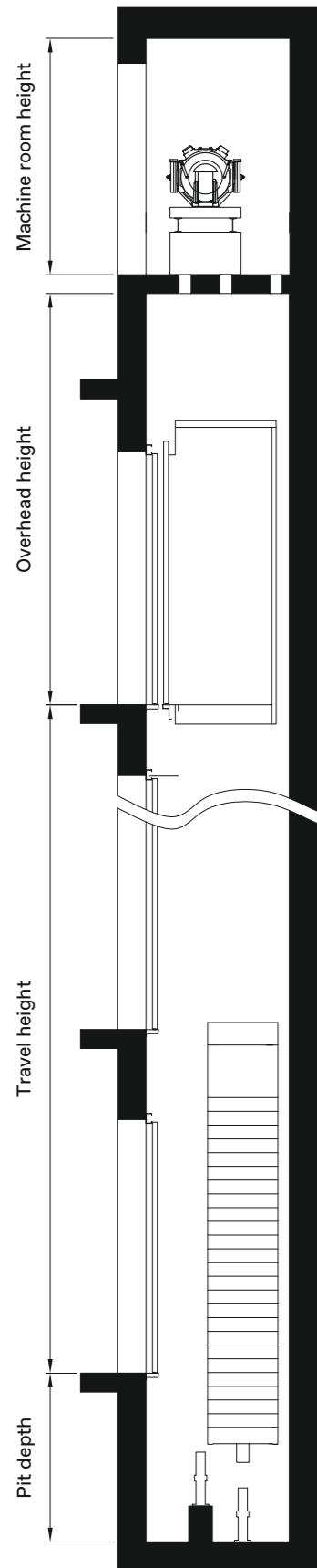
The above-shown DSC models are also available in an angle-mounted design



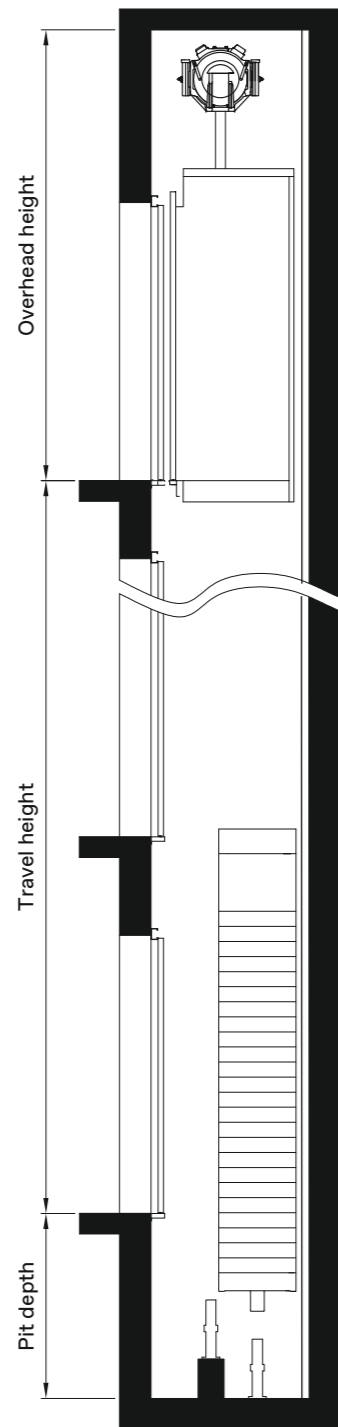
15 inch DSC Touchscreen Panel
(Pedestal mounted)

LAYOUT

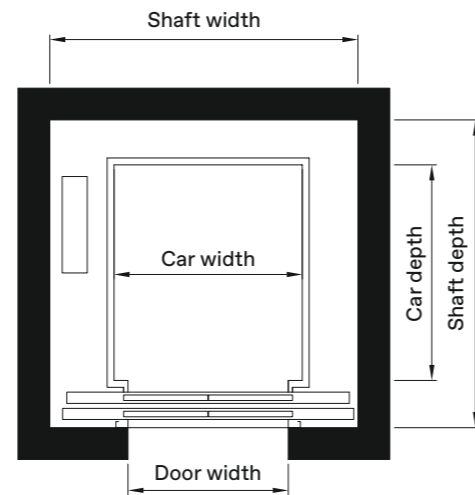
MR Shaft Vertical Section



MRL Shaft Vertical Section



Elevator Plan



PLANNING DIMENSIONS

RATED LOAD (KG)	PAX CAPACITY	DOOR TYPE	DOOR WIDTH (DW) (MM)	CAR SIZE (CW X CD) (MM)	SHAFT SIZE (MIN) (SW X SD) (MM)
1360	20	ACO	1000	1800 x 1700	2550x2055
		ACO	1100	1800 x 1700	2550x2055
		ACO	1000	2000 x 1550	2750x1980
		ACO	1100	2000 x 1550	2750x1980
		ACO	1000	1300 x 2400	2200x2755
		ATO	1000	1300 x 2400	2050x2795
		ATO	1100	1300 x 2400	2050x2795
		ATO	1200	1300 x 2400	2170x2795
1632	24	ACO	1000	1900 x 1900	2650x2255
		ACO	1100	1900 x 1900	2650x2255
		ACO	1000	2000 x 1800	2750x2205
		ACO	1100	2000 x 1800	2750x2205
		ACO	1000	1500 x 2400	2275x2755
		ACO	1100	1500 x 2400	2400x2755
		ATO	1100	1500 x 2400	2250x2795
		ATO	1200	1500 x 2400	2250x2795

*For Big vision glass door additional shaft depth of 10 mm & 40 mm is required for ACO & ATO doors respectively.

GENERAL PLANNING DATA

Minimum Overhead (OH) mm

CLEAR CAR HEIGHT (CCH) MM	MR					MRL				
	1.0 m/s	1.50 m/s	1.75 m/s	2.0 m/s	2.5 m/s	1.0 m/s	1.50 m/s	1.75 m/s	2.0 m/s	2.5 m/s
2100	4000	4050	4150	4400	4700	4000	4100	4200	4850	5150
2200	4100	4150	4250	4400	4700	4100	4150	4250	4850	5150
2300	4200	4250	4350	4450	4700	4200	4250	4350	4850	5150
2400	4300	4350	4450	4550	4750	4300	4350	4450	4850	5150
2500	4400	4450	4550	4650	4850	4400	4450	4550	4850	5150
2600	4500	4550	4650	4750	4950	4500	4550	4650	4850	5150
2700	4600	4650	4750	4850	5050	4600	4650	4750	4850	5150
2800	4700	4750	4850	4950	5150	4700	4750	4850	4950	5150

BASIC PARAMETERS

RATED SPEED (M/S)	1.0	1.5	1.75	2.0	2.5
Rated Load (kg):	1360 / 1632	1360 / 1632	1360 / 1632	1360 / 1632	1360 / 1632
Max. Stops / Landing:	16 / 16	26 / 26	31 / 31	32 / 32	38 / 38
Travel Height (mm):	50000	75000	90000	110000	125000
Min. Pit Depth (PD) (mm):	1600	1700	1700	1700	2000
Door Type:	ACO & ATO				
Door Height (DH) (mm):	2000 / 2100 / 2200 / 2300 / 2400				
Min. Floor to Floor Height (mm):	DH + 600				
Machine Room Dimensions (mm):	Machine Room Height: MRH = 2500 Machine Room Width: MRW = SW Machine Room Depth: MRD = SD + 500 (Machine Room Front side extension as per GAD)				

STRUCTURAL LIMITS FOR LIFT SW & SD				
Shaft Height (SH) (mm)	≤30000	>30000 ≤60000	>60000 ≤90000	>90000
Permitted deviation (mm)	0~+25	0~+35	0~+50	0~+50 for any 100 m portion of the shaft

Notes:

- MRL (Machine-Room-Less) Application
The shaft side wall in the overhead area shall be constructed in RCC.
- Group elevator Installations (Side-by-Side Elevators)
The common wall thickness between adjacent shafts shall be 250 mm. An additional 25 mm shall be provided over the minimum shaft width specified in the standard shaft size table.
- For floor-to-floor height greater than 11,000 mm, an emergency landing must be provided.
- The elevator shaft shall be absolutely plumb (zero vertical deviation) throughout its height.
- Actual product colours may vary from those shown in printed brochures.
- Kindly contact the Sales Representative for the overhead and pit depth requirements applicable to the West Bengal region.

Abbreviations:

2D: Two Dimensional, 3D: Three Dimensional, ACO: Automatic Center Opening, ACVVVF: Alternating Current Variable Voltage Variable Frequency, ARD: Automatic Rescue Device, ATO: Automatic Telescopic Opening, CCH: Clear Car Height, CCTV: Closed Circuit Television, CD: Car Depth, COP: Car Operating Panel, CW: Car Width, CWT: Counterweight, DH: Door Height, DSC: Destination Selection Control, DW: Door Width, FFL: Finished Floor Level, FTFH: Floor To Floor Height, HL: Hall Lantern, LCD: Liquid-Crystal Display, LED: Light Emitting Diode, Max: Maximum, MR: Machine Room, MRD: Machine Room Depth, MRH: Machine Room Height, MRL: Machine Room-less, MRW: Machine Room Width, OH: Overhead, P: Empty Car Side Weight, Pax: Passenger, PD: Pit Depth, PVC: Poly Vinyl Chloride, Q: Rated Load, RCC: Reinforced Cement Concrete, SD: Shaft Depth, SDH: Structural Door Height, SDW: Structural Door Width, SEED: School for Educational Evolution and Development, Seg.: Segmented, SS: Stainless Steel, SW: Shaft Width, TH: Travel Height, V: Rated Speed, VIP: Very Important Person.

FUNCTION LIST

CATEGORY	NO.	FUNCTION	STANDARD /OPTION
Enhanced Car Function	1	AC VVVF closed-loop drive	S
	2	Automatic operation for the car fan and light	S
	3	Full load by-pass	S
Group control	4	Continuity of service: car experiencing trouble withdrawn from group	S
	5	Dispersed waiting and Peak service function (4-8 car group)	S
	6	Dispersed waiting and Peak service function (3 car group)	O
	7	2-8 Car group	O
	8	Destination Selection Control (DSC)	O
Human Machine Interface	9	Door open/door close buttons in the car operating panel	S
	10	Voice announcement unit (English language only)	S
	11	Seg. White-LED display in the car operating panel/landing indicator panel	S
	12	Seg. Red-LED display in the car operating panel/landing indicator panel	O
	13	Seg. Blue/White-LCD display in the car operating panel/landing indicator panel	O
	14	12.1 inch Multimedia Display in the car operating panel	O
	15	Hall lantern	O
	16	Hall indicator with Seg. White-LED display (landing operating panel w/o display)	O
	17	Hall indicator with Seg. Red-LED display (landing operating panel w/o display)	O
	18	Hall indicator with Seg. Blue/White-LCD display (landing operating panel w/o display)	O
	19	Car arrival chime on the car top	O
	20	Provision for music system wiring (in travelling cable)	O
Monitoring	21	Intercom 5-way (controller, car top, car, pit & lobby/security)	S
	22	Interface to Building Monitoring System (BMS) through Potential free contacts/Modbus/ Potential free contacts + Modbus	O
Passenger Comfort	23	Anti-nuisance "limit the number of car calls when empty load"	S
	24	Anti-nuisance (car call cancellation at direction reversal)	S
	25	Alarm button in COP with battery back-up	S
	26	Car call cancellation by double pressing floor button in car operating panel	S
	27	Home landing	S
	28	Adjustable waiting time for opening door at the main landing	S
	29	In case of non-opening of the door, the lift will travel to the next landing	S

CATEGORY	NO.	FUNCTION	STANDARD /OPTION
Passenger Comfort	30	Re-set to the nearest floor at power on (for car travel >30 m)	S
	31	Re-levelling with the door open (for car travel >30 m)	S
	32	Re-levelling with the door open (for car travel <=30 m)	O
	33	Braille inscription on car & landing operating buttons	O
	34	Advance door opening	O
	35	Floor blocking (floor out of service)	O
	36	Parking operation (key switch in landing operating panel)	O
	37	Auxiliary COP in car	O
	38	Auto rescue device in case of power failure	S
	39	Door closing retries	S
	40	Emergency light in COP	S
	41	2D infrared screen for car door	S
Safety & Emergency Function	42	Inspection operation	S
	43	Jammed landing call by-pass	S
	44	Motor overheat protection	S
	45	Overload function with an audio-visual indication in the car operating panel	S
	46	Phase failure protection	S
	47	Fire emergency return	S
	48	Fireman operation	O
	49	3D infrared screen for car door	O
	50	Door nudging	O
	51	Attendant control	O
	52	Earthquake function (earthquake sensors by customer)	O
	Security	53	Independent operation (car VIP function)
54		VIP Operation (landing operating panel)	O
55		Compulsory stop floor	O
56		Provision for CCTV camera analog / digital signals (in travelling cable)	O

Note: S-Standard feature, O-Optional feature.

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 sole and exclusive interpretation rights to any content in this brochure.

YOUR INNOVATION PARTNER

elevators and escalators in service

1,400,000+

countries serviced

100+

employees

50,000+

service available for customers

24/7

locations

1,000+

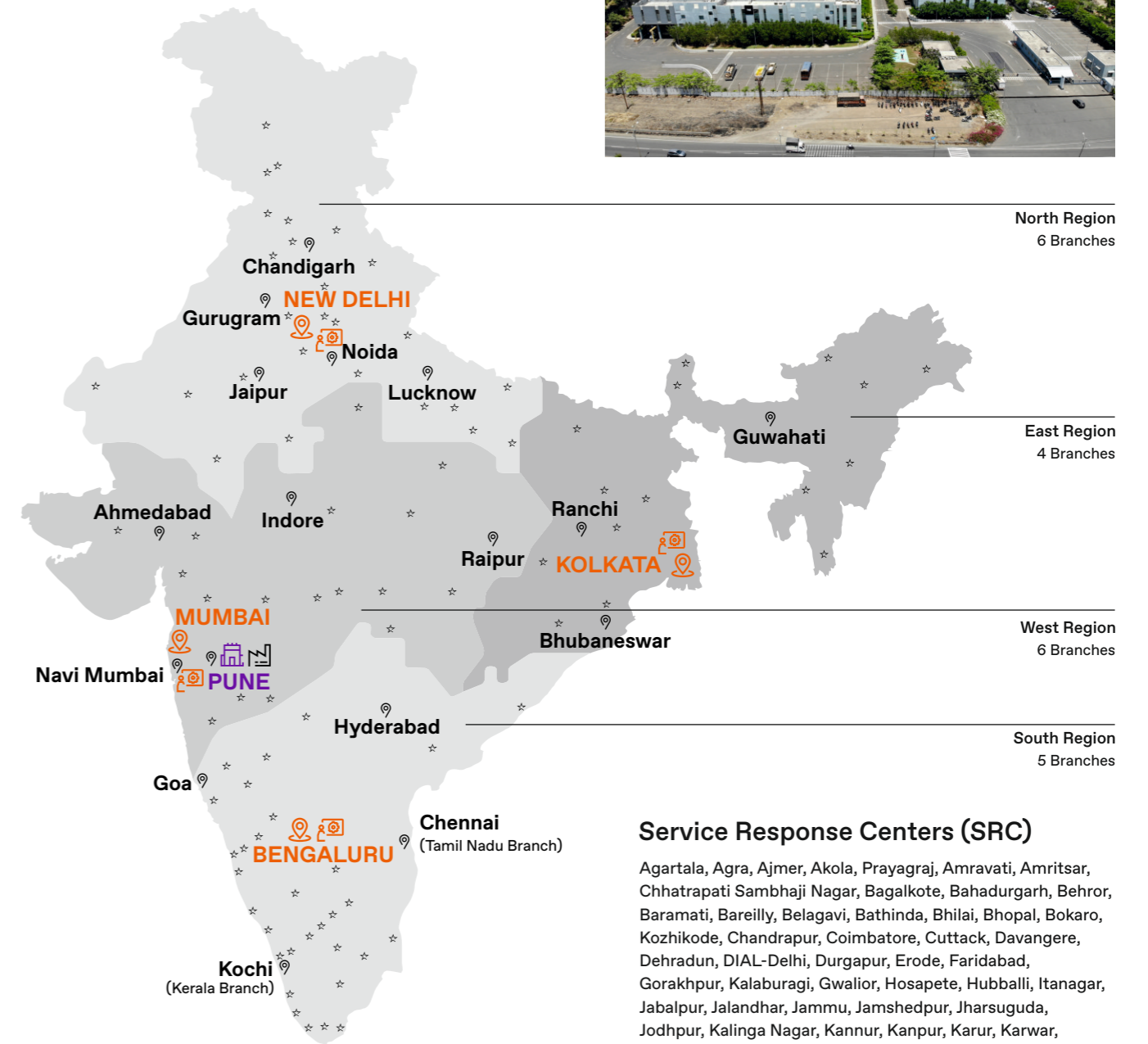
service technicians

25,000+

PAN India Network

A Nation-wide network of 4 Regional Offices, 4 Regional Training Centers, 21 Branches and 84 Service and Response Centers.

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



Service Response Centers (SRC)

- Agartala, Agra, Ajmer, Akola, Prayagraj, Amravati, Amritsar, Chhatrapati Sambhaji Nagar, Bagalkote, Bahadurgarh, Behror, Baramati, Bareilly, Belagavi, Bathinda, Bhilai, Bhopal, Bokaro, Kozhikode, Chandrapur, Coimbatore, Cuttack, Davangere, Dehradun, DIAL-Delhi, Durgapur, Erode, Faridabad, Gorakhpur, Kalaburagi, Gwalior, Hosapete, Hubballi, Itanagar, Jabalpur, Jalandhar, Jammu, Jamshedpur, Jharsuguda, Jodhpur, Kalinga Nagar, Kannur, Kanpur, Karur, Karwar, Kolhapur, Kollam, Kota, Kottayam, Ludhiana, Madurai, Mangaluru, Manipal, Mysuru, Nagpur, Nashik, Palakkad, Panipat, Patna, Puducherry, Raebareli, Rajkot, Salem, Satna, Shimla, Shivamogga, Sikkim, Siliguri, Solapur, Srinagar, Surat, Thrissur, Tirunelveli, Tiruppur, Tiruchirappalli, Thiruvananthapuram, Thoothukudi, Udaipur, Udhampur, Udupi, Vadodara, Varanasi, Vijayawada, & Visakhapatnam

- BSC
- MPF
- RO
- RTC
- BO
- SRC



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