

# META100 BRINGS EXTRA TO YOUR BUILDING

It comes with a smart  
mechanical setup, optimized  
product design, and  
compact shaft dimensions.





## meta100 brings extra to your building

meta100 focuses on mid and high-rise buildings, providing a cost-effective solution that is quick to install and reduces construction costs.

It elevates every building with vibrant aesthetics and offers peace of mind through reliable German engineering. Step up with meta100 because your building deserves the best.



### Makes business sense

Reduced construction time means reduced construction costs. A smart, cost-efficient choice.



### Gives peace of mind

Reliable German engineering at the highest industry standards.



### Brightens-up your building

Multiple car interior design options to complement your building ambience.

### DESIGNED FOR

- Mid & high-rise buildings

### SPECIFICATIONS

Application	MR/MRL
Max. rated load (kg)	1156
Max. rated speed (m/s)	2.5
Max. number of stops/landings	38
Max. travel height (m)	125

# Makes business sense

meta100 is quick and safe to install, leading to faster rental revenue, thereby making it a smart business choice.

## Maximize your revenue

Compact shaft dimensions increase rentable floor space and boost building area sales revenue.

A faster completion time accelerates occupancy and revenue from tenants.

## Reduced construction cost

meta100's compact size requires a smaller shaft, reducing construction costs.

Its smaller overhead and pit dimensions, along with the MRL solution, further cut material costs.

## Finish your project on time

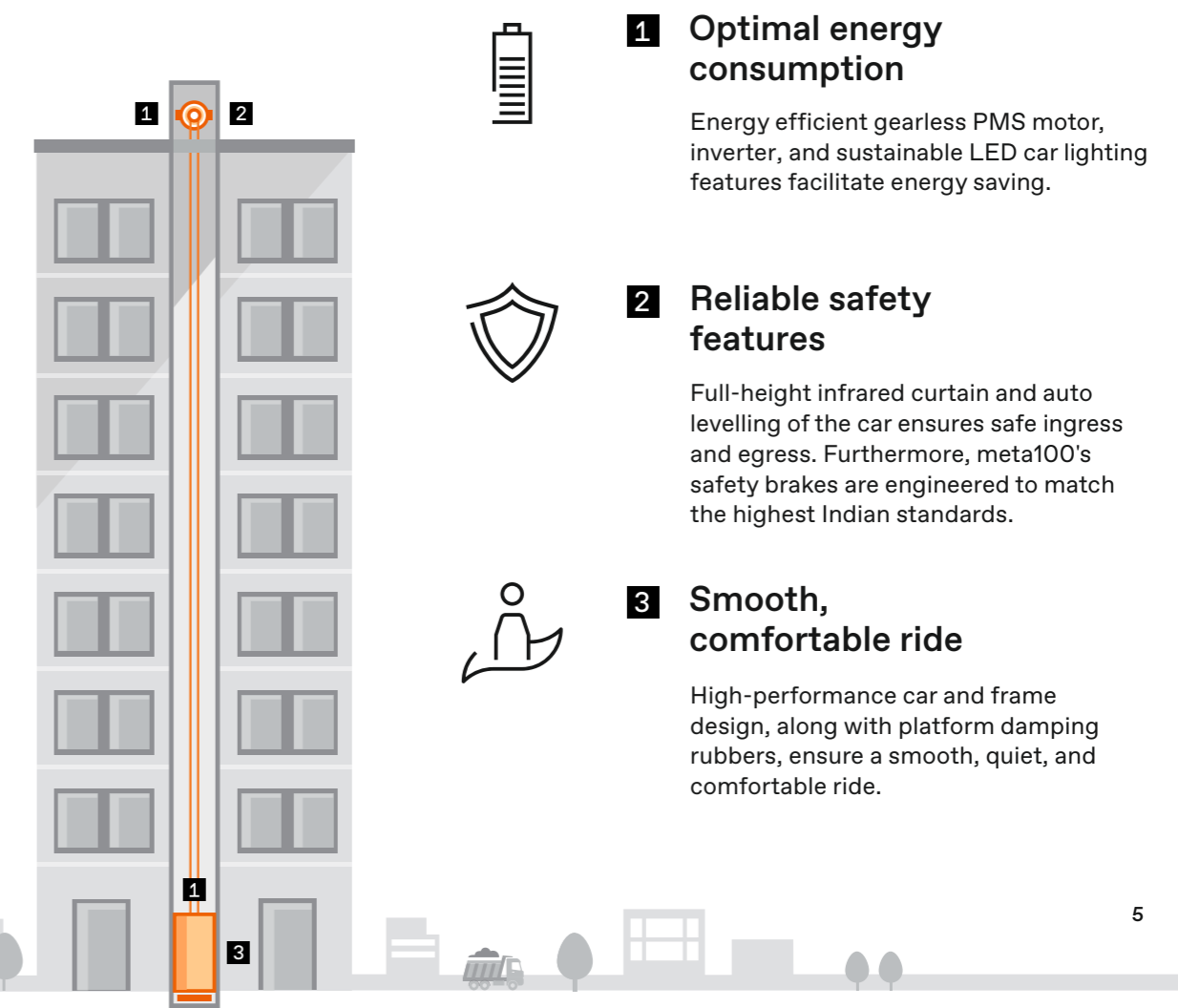
A smart mechanical setup, optimized product design, and an efficient installation methodology make installation safer, simpler, and faster.

This integrated approach improves safety, speeds up project execution, and enables quicker building readiness.



# Gives peace of mind

Reliable and stringent German design and engineering.



## 1 Optimal energy consumption

Energy efficient gearless PMS motor, inverter, and sustainable LED car lighting features facilitate energy saving.

## 2 Reliable safety features

Full-height infrared curtain and auto levelling of the car ensures safe ingress and egress. Furthermore, meta100's safety brakes are engineered to match the highest Indian standards.

## 3 Smooth, comfortable ride

High-performance car and frame design, along with platform damping rubbers, ensure a smooth, quiet, and comfortable ride.



## Fixtures

Every user interaction point is an opportunity to delight.

## Trends

Selected by our in-house design team for your personal composition.

## Brightens-up your building

Choice of 9 stylish car interiors delivers a brighter in-car journey.

## Accessories

A chance to enhance the user experience through design detail.









# STYLISH

Stylish interior designs with a touch of luxury.



## GOLDEN GLOW

- Ceiling  
Starry Light
-   Rear Wall  
Pearl Gold, Oyster White
-   Side Wall  
Pearl Gold, Oyster White
-  Front Wall / Car Door  
Oyster White
-  Floor  
PVC Black Button

  
Round Handrail  
SS No. 4 Finish

## VOGUE





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

# CONTEMPORARY

Stylish and sophisticated SS finishes to accentuate your building's ambience.






## 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  
Quad Light
-  Rear Wall  
SS Linen
-  Side Wall  
SS Linen
-  Front Wall / Car Door  
SS Linen

# CONTEMPORARY

Inspired by contemporary Scandinavian interiors, fused with local flavours.



## MAGICAL STRIPES

- Ceiling  
Ball 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 DESIGN

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

A contemporary and vibrant interior setting to complement your building's ambience.



## OCEAN BLUE

- Ceiling  
Starry Light
- Rear Wall  
Light Blue
- Side Wall  
Light Grey
- Front Wall / Car Door  
Light Grey
- Floor  
PVC Black Button






Round Handrail  
SS No. 4 Finish

# CLASSIC

A mix of soothing classic colours and elegant SS finishes for that modern twist.







## CREAMY FLAIR

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

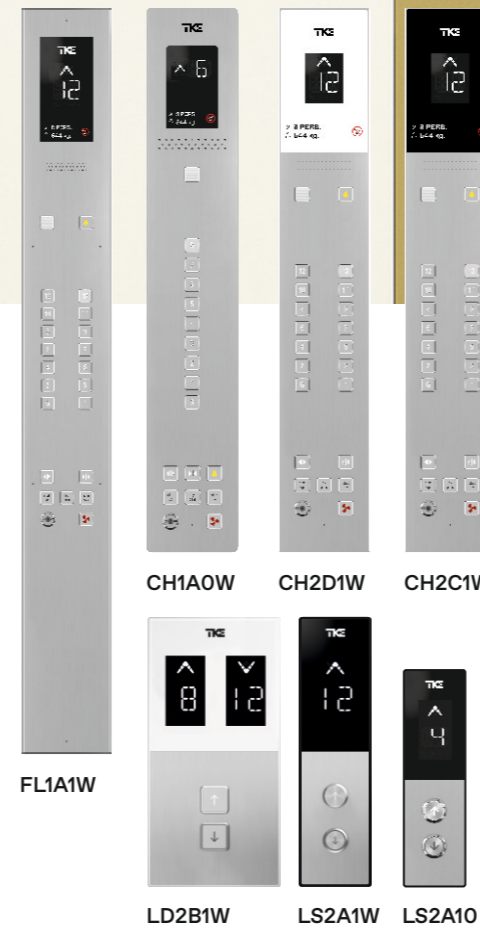
Round Handrail  
SS No. 4 Finish

## PRIME

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

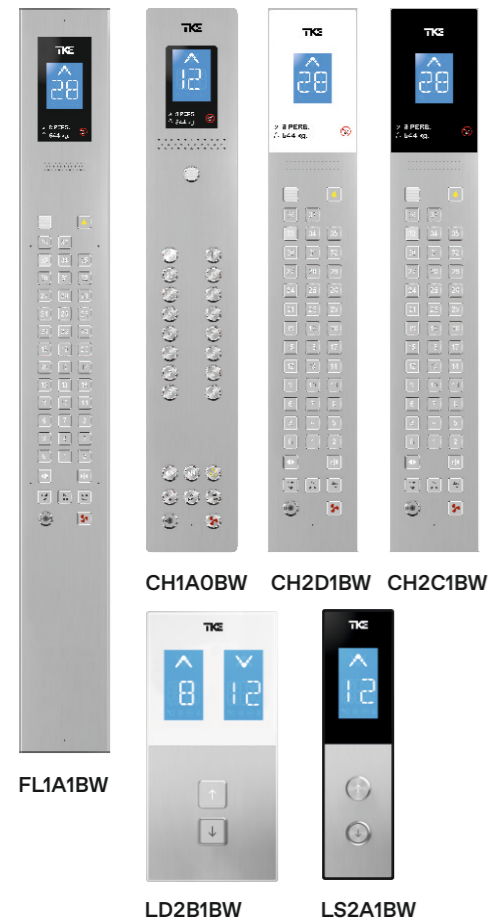
## Cabins & Landing Fixtures:

Refined Aesthetics, Reliable Function



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

Seg. White-LED COP available in 4.3" / 5.7" display.



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.

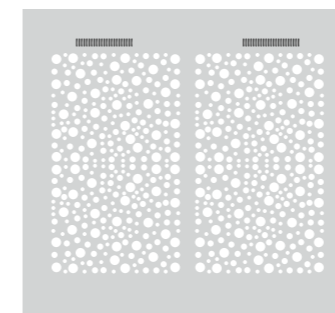
# ACCESSORIES

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

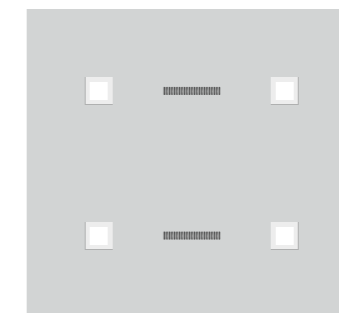
## Ceiling



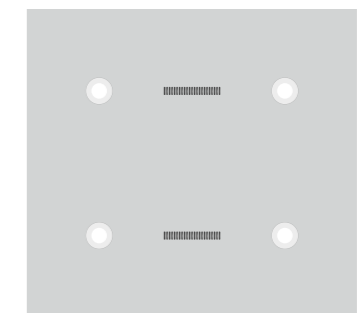
### Suspended ceiling patterns



Starry Light

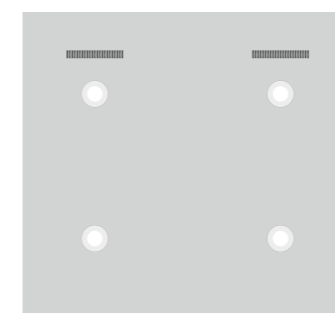


Quad Light



Ball Light

### Integrated ceiling pattern



Ball Light

- The above representation of suspended ceiling is for car width  $\leq 1200$  mm. For car width  $> 1200$  mm suspended ceiling is available in a two-piece design
- 544 & 612 kg Pax capacities are with one ventilation blower
- **Ceiling Finish:**  
**Integrated Ceiling:** Powder-coated cabin- Signal white, Stainless steel cabin- Silver Metallic Glossy  
**Suspended Ceiling:** Powder-coated cabin- Signal white, Stainless steel cabin- SS No. 4 finish

meta100 MR & MRL  
LAYOUT

Mirror



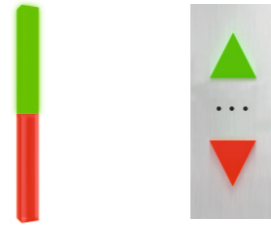
Full-width, Half-height

Round Handrail



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

Hall Lantern

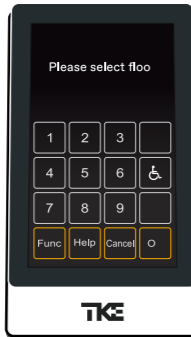


Name HL107 BFK212

Destination Selection Control & Multimedia Display



DSC Keypad (Flush mounted)



7 inch DSC Touchscreen Panel (Surface mounted)



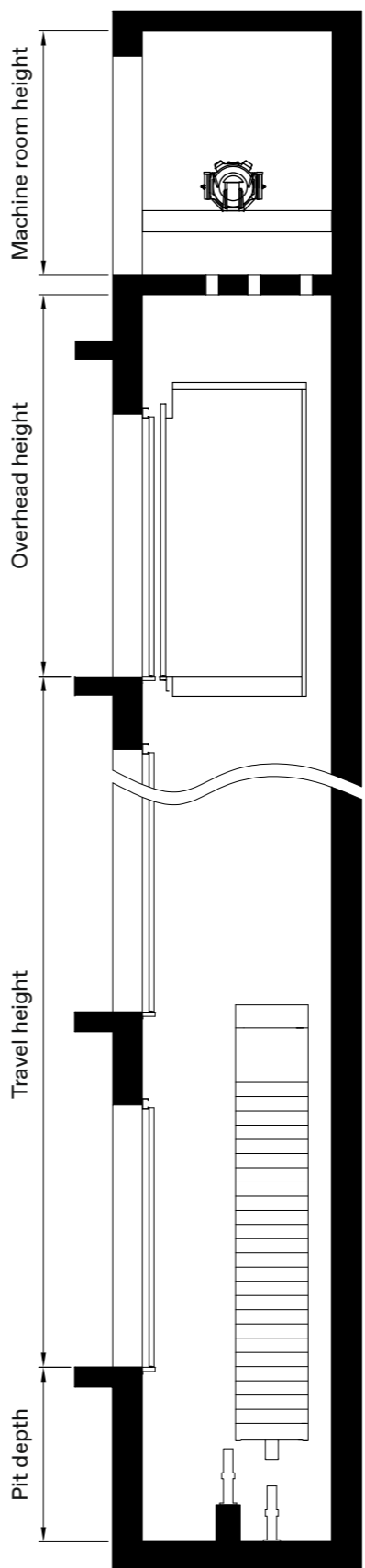
12.1 inch Multimedia Display

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

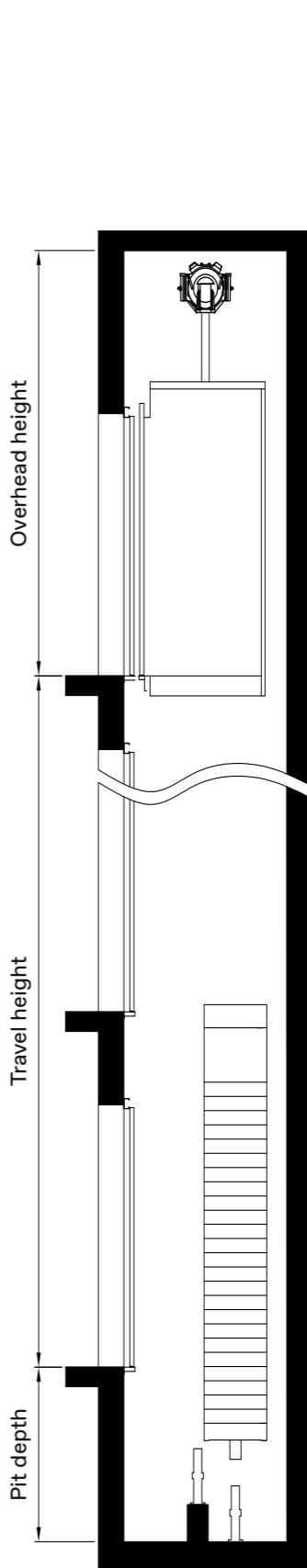


15 inch DSC Touchscreen Panel (Pedestal mounted)

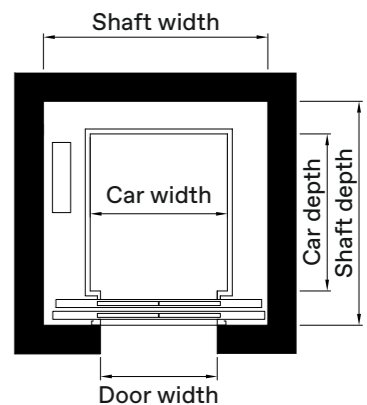
MR Shaft Vertical Section



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)
544	8	ACO	800	1100 x 1300	1770 x 1770
		ATO	800	1100 x 1300	1725 x 1810
612	9	ACO	800	1100 x 1400	1770 x 1820
		ATO	800	1100 x 1400	1725 x 1860
680	10	ACO	800	1100 x 1600	1770 x 1955
		ATO	800	1100 x 1600	1725 x 1995
		ACO	800	1200 x 1400	1825 x 1820
		ATO	800	1200 x 1400	1825 x 1860
		ACO	800	1300 x 1350	1925 x 1795
		ATO	800	1300 x 1350	1925 x 1835
		ACO	800	1100 x 2000	1770 x 2355
		ATO	800	1100 x 2000	1725 x 2395
884	13	ACO	900	1100 x 2000	1940 x 2355
		ATO	900	1100 x 2000	1745 x 2395
		ACO	900	1400 x 1500	2025 x 1870
		ATO	900	1400 x 1500	2025 x 1910
		ACO	900	1600 x 1400	2225 x 1820
		ATO	900	1600 x 1400	2225 x 1860
		ACO	1000	1600 x 1400	2225 x 1820
		ATO	1000	1600 x 1400	2225 x 1860
1020	15	ACO	800	1000 x 2400	1740 x 2755
		ATO	900	1000 x 2400	1695 x 2795
		ACO	800	1100 x 2200	1770 x 2555
		ATO	800	1100 x 2200	1725 x 2595
		ACO	900	1100 x 2200	1940 x 2555
		ATO	900	1100 x 2200	1745 x 2595
		ACO	900	1600 x 1500	2225 x 1870
		ATO	900	1600 x 1500	2225 x 1910
1088	16	ACO	900	1200 x 2100	1940 x 2455
		ATO	900	1200 x 2100	1825 x 2495
		ACO	1100	1800 x 1400	2455 x 1820
		ATO	1100	1800 x 1400	2425 x 1860
1156	17	ACO	900	1200 x 2200	1940 x 2555
		ATO	900	1200 x 2200	1825 x 2595
		ACO	1100	1800 x 1500	2455 x 1870
		ATO	1100	1800 x 1500	2425 x 1910

\*For Big vision glass door, additional shaft width of 30 mm and shaft depth of 10 mm is required for ACO doors & additional shaft width of 10 mm and shaft depth of 40 mm is required for ATO doors

## GENERAL PLANNING DATA

Minimum Overhead (OH) mm

CLEAR CAR HEIGHT (CCH) (MM)	MR					MRL						
	Integrated Ceiling	Suspended Ceiling	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	-	-	3500	3550	3650	3750	3950	3800	3900	3950	4200	4400
2200	2100	-	3600	3650	3750	3850	4050	3800	3900	3950	4200	4400
2300	2200	-	3700	3750	3850	3950	4150	3800	3900	3950	4200	4400
2400	2300	-	3800	3850	3950	4050	4250	3800	3900	3950	4200	4400
2500	2400	-	3900	3950	4050	4150	4350	3900	3950	4050	4200	4400
2600	2500	-	4000	4050	4150	4250	4450	4000	4050	4150	4300	4500
2700	2600	-	4100	4150	4250	4350	4550	4100	4150	4250	4400	4600
-	2700	-	4200	4250	4350	4450	4650	4200	4250	4350	4500	4700

## BASIC PARAMETERS

RATED SPEED (M/S)	1.0	1.5	1.75	2.0	2.5
Rated Load (kg):	680/884/1020/ 1088/1156	544/612/680/884/ 1020/1088/1156	544/612/680/884/ 1020/1088/1156	544/612/680/884/ 1020/1088/1156	544/612/680/884/ 1020/1088/1156
Max. Stops / Landing:	16/16	26/26	31/31	32/32	38/38
Travel Height (mm):	45000	75000	90000	110000	125000
Min. Pit Depth (PD) (mm):	1450	1550	1600	1650	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 + 500 (Machine room side extension as per GAD) Machine Room Depth: MRD = SD				

### 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 100m portion of the shaft

#### Notes:

- MRL (Machine-Room-Less) Application  
The shaft side wall in the overhead area shall be constructed in RCC.
- 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/Duplex 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	Destination Selection Control (DSC)	O
	8	Door open/door close buttons in the car operating panel	S
	9	Voice announcement unit (English language only)	S
	10	Seg. White-LED display in the car operating panel/landing indicator panel	S
Human Machine Interface	11	Seg. Red-LED display in the car operating panel/landing indicator panel	O
	12	Seg. Blue/White-LCD display in the car operating panel/landing indicator panel	O
	13	Hall lantern	O
	14	Hall indicator with Seg. White-LED display (landing operating panel w/o display)	O
	15	Hall indicator with Seg. Red-LED display (landing operating panel w/o display)	O
	16	Hall indicator with Seg. Blue/White-LCD display (landing operating panel w/o display)	O
	17	Car arrival chime on the car top	O
	18	Provision for music system wiring (in travelling cable)	O
Monitoring	19	Intercom 5-way (controller, car top, car, pit & lobby/security)	S
	20	Interface to Building Monitoring System (BMS) through Potential free contacts/Modbus/ Potential free contacts + Modbus	O
Passenger Comfort	21	Anti-nuisance "limit the number of car calls when empty load"	S
	22	Anti-nuisance (car call cancellation at direction reversal)	S
	23	Alarm button in COP with battery back-up	S
	24	Car call cancellation by double pressing floor button in car operating panel	S
	25	Home landing	S
	26	Adjustable waiting time for opening door at the main landing	S
	27	In case of non-opening of the door, the lift will travel to the next landing	S

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

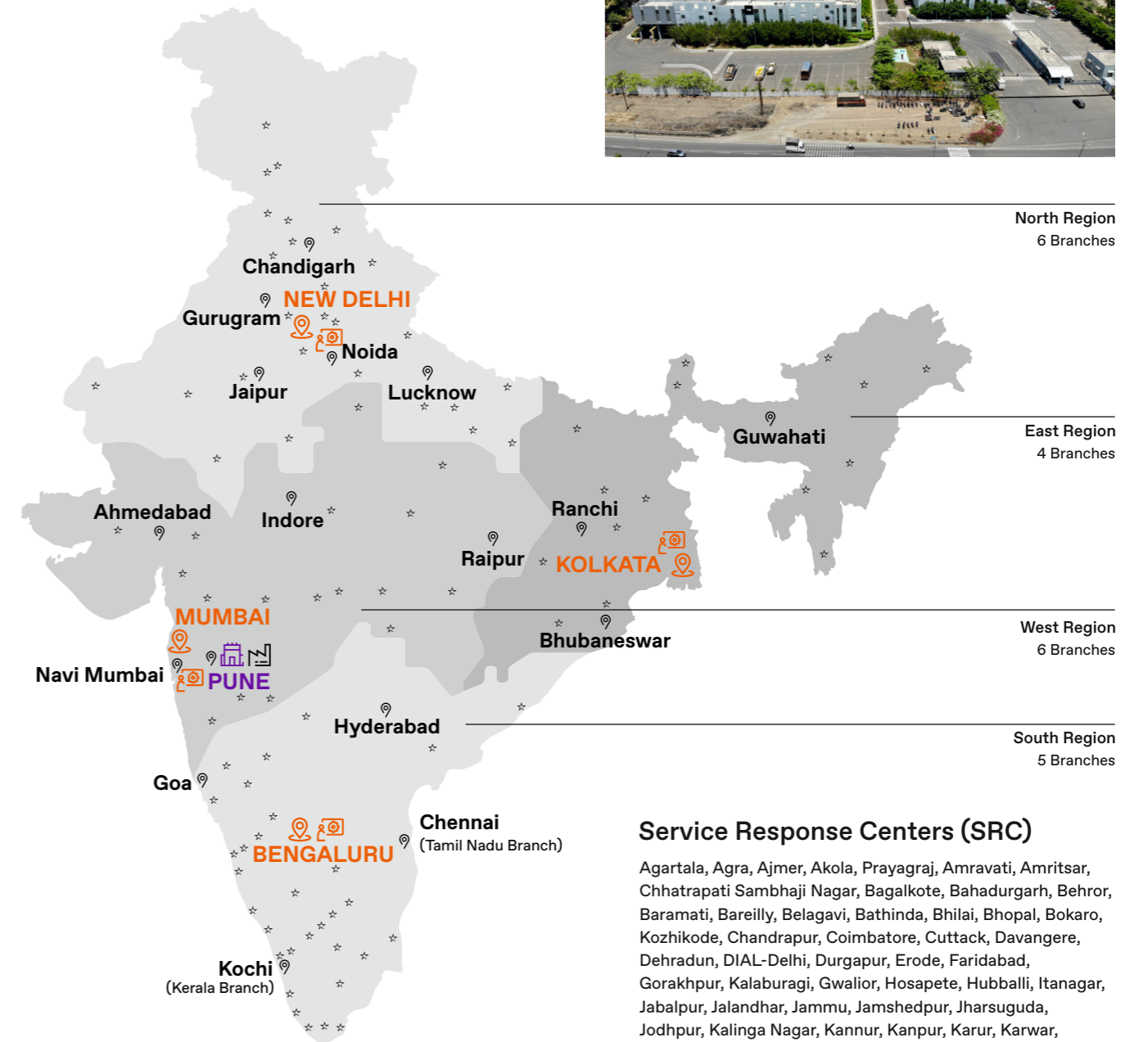
CATEGORY	NO.	FUNCTION	STANDARD /OPTION
Passenger Comfort	28	Re-set to the nearest floor at power on (for car travel >30 m)	S
	29	Re-levelling with the door open (for car travel >30 m)	S
	30	Re-levelling with the door open (for car travel <=30 m)	O
	31	Braille inscription on car & landing operating buttons	O
	32	Advance door opening	O
	33	Floor blocking (floor out of service)	O
	34	Parking operation (key switch in landing operating panel)	O
	35	Auxiliary COP in car (for 13 pax and above)	O
	36	Door closing retries	S
	37	Emergency light in COP	S
Safety & Emergency Function	38	2D infrared screen for car door	S
	39	Auto rescue device in case of power failure	S
	40	Inspection operation	S
	41	Jammed landing call by-pass	S
	42	Motor overheat protection	S
	43	Overload function with an audio-visual indication in the car operating panel	S
	44	Phase failure protection	S
	45	Fire emergency return	S
	46	Fireman operation	O
	47	3D infrared screen for car door	O
Security	48	Door nudging	O
	49	Attendant control	O
	50	Earthquake function (earthquake sensors by customer)	O
	51	Independent operation (car VIP function)	O
	52	VIP Operation (landing operating panel)	O
	53	Compulsory stop floor	O
	54	Provision for CCTV camera analog / digital signals (in travelling cable)	O

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# 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





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