

**OXFORD**  
ELEVATORS



**OXFORD**<sup>TM</sup>  
ELEVATORS

**Maintenance Agreement Document**



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Presenting **OXFORD** – A world class elevator with the unusual but striking combination of Beauty and German technology, stunning aesthetics. 1st century technology. Overwhelming comfort, coming from **OXFORD** the leader in the elevator business. It is designed to give you the best elevator ride.

What's more, **OXFORD** also gives you a wide range of features, standard as well as optional, with the minutest attention paid to the details. All to ensure that when passengers board the elevator, it is not just convenience that experience envy.

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OXFORD bring together beauty and intelligence with its five premium offerings... CLASSIQUE, LUXURY, STRECH, ROYAL and GRAND.

One has a range of options to choose from:

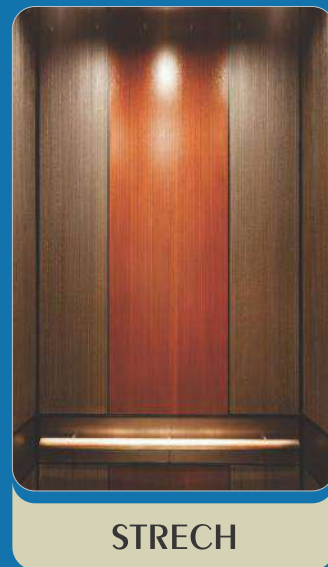
- Panels : Powder coated to exotic stainless steel finishes
  - Floorings : Coloured PVC to elegant marble or granite
  - Designer ceilings : As per OXFORD standard
  - Fixture – Simple LED to attractive scrolling fixtures
- .... All in OXFORD



CLASSIQUE



LUXURY



STRECH



ROYAL



GRAND

Multi-ray Electronic Door Protection System is now a standard feature in OXFORD. While entering or exiting the OXFORD, passengers need not to have the fear of doors touching them. All OXFORD elevators are fitted with Multi-ray Electronic Door Protection System, ensuring ultimate safety and comfort.

PART good looks, PART GENIES ... ALL OXFORDS



#### Cab finish

Base : Powder coated in a choice of colours for aesthetic looks and long life.

Optional: stainless steel hairline finish

Entrance Finish

Base: Powder coated

Optional : Stainless steel hairline finish

#### Handrails

Stainless steel in mirror finish (Optional for 6 passenger capacity)

#### Flooring

Choice of PVC flooring to match your style and choice.

Ceiling

Base : VCD – 51PC

Optional : VCD 55ss

#### Ventilation

Axial fans known to generate airflow in a small circumferential dimensions have been replaced by specially designed overhead ventilation girds that not only add value to aesthetic ambience, but also efficiently circulate the airflow over a larger expanse. Ideal for tropical weather conditions.

Multi-ray entrance protection system

Invisible multi-ray infrared beams facilities the opening of the doors. These sensing rays detect passengers and objects in the path of closing doors within a fraction of second and instantly open the doors before they touch the passengers.

#### Position indicators

Digital seven segment led display is provided in the car and at all landing floors.

#### Liftgard (Optional)

The liftgard a battery operated automatic rescue device that takes over in the event of a power failure and brings the elevator safely to the nearest floor avoiding anxious moments for trapped passengers. Incorporating an electronic controller powered by maintenance free batteries. Lifeguard ensure reliable and safe travel.





↑10

OXFORD ELEVATOR

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#### Cab Finish

Base: Powder coated in a choice of colours for aesthetic looks and long life.

Optional : Stainless steel hairline finish or Metal effects

#### Entrance Finish

Base: Powder coated

Optional: Stainless steel hairline finish or metal effects

#### Handrails

Stainless steel in mirror finish

#### Flooring

Choice of granite Flooring to match your style and choice or recess in platform (25mm) will be provided. This will allow you to provide your own flooring with can be matching with your lobby interior.

#### Ceiling

Choice of three aesthetic ceilings as per Architectural design

Base : VCD55SS

Optional: VCD 51/VCD54

#### Ventilation

Axial fans known to generate airflow in a small circumferential dimensions have been replaced by specially designed overhead ventilation grids that not only add value to aesthetic ambience, but also efficiently circulate the airflow over a larger expanse. Ideal for tropical weather conditions.

#### Multi-ray Entrance Protection System

Invisible multi ray infrared beams facilitate the opening of the doors. These sensing rays detect passengers and objects in the path of closing doors within a fraction of second and instantly open the doors before they touch the passengers...

#### Position Indicators

The Scrolling dot matrix display for that touch of class is provided in car and at ground floor for upper floor.

Base: Digital seven segment LED display

Optional: Scrolling dot matrix display

#### Liftguard (optional)

The liftguard is a battery operated automatic rescue device that takes over in the event of a power failure and brings the elevator safely to the nearest floor avoiding anxious moments for trapped passengers. Incorporating an electronic controller powered by maintenance free batteries. Liftguard ensures reliable and safe travel.

#### Voice Synthesizer

The completely relaxed atmosphere can sometimes make you forget to get off the OXFORD. Trust us to take care of that. A pleasant voice over announces the floor on arrival to give you an additional sense of comfort.



#### Cab Finish

Base : Powder coated in a choice of colours for aesthetic looks and long life.

Optional : Stainless steel hairline finish or metal effects

#### Entrance Finish

Base : Powder coated

Optional : Stainless steel hairline finish or metal effects

#### Handrails

Stainless steel in mirror finish

#### Flooring

Choice of granite flooring to match your style and choice or recess in platform (25mm) will be provided. This will allow you to provide your own flooring which can be matching with your lobby interior.

#### Ceiling

Choice of three aesthetic ceilings as per architectural design

Base: VCD55SS

Optional: VCD51/VCD54

#### Ventilation

Axial fans known to generate airflow in a small circumferential dimensions have been replaced by specially designed overhead ventilation grids that not only add value to aesthetic ambience, but also efficiently circulate the airflow over a larger expanse. Ideal for tropical weather conditions.

Multi-ray entrance protections system Invisible multi-ray infrared beams facilitate the opening of the doors. These sensing rays detect passengers and objects in the path of closing doors within a fraction of second and instantly open the doors before they touch the passengers...

#### Position indicators

The scrolling dot matrix display for that touch of class is provided in car and at ground floor for the upper floors.

Base: digital seven segment LED display

Optional: Scrolling dot matrix display

#### Liftguard (Optional)

The liftguard is a battery operated automatic rescue device that takes over in the events of a power failure and brings the elevator safely to the nearest floor avoiding anxious moments for trapped passengers. Incorporating an electronic controller powered by maintenance free batteries. Liftguard ensures reliable and safe travel.

#### Voice synthesizer

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## A ROOM WITH A VIEW

OXFORD Grand is a solution to one who believes in enjoying the best view at all times. Most suitable for residential complex with picturesque surrounding. Architects have the flexibility to design the elevator shafts, to allow the residents to get the view not only from their apartments but also while traveling to them.

### Cab Finish

Base : Powder coated side panels  
Optional : Stainless steel hairline finish or metal effect side panels rear panel with metallic frames.

### Entrance Finish

Base: Powder coated  
Optional: Stainless steel hairline finish or metal effects

### Handrails

Stainless steel in mirror finish

### Flooring

Choice of granite flooring to match your style and choice or recess in platform (25mm) will be provided. This will allow you to provide your own flooring which can be matching with your lobby interior.

### Ceiling

Base : VCD 35PC  
Optional: VCD 31/VCD 35 SS/VCD 34

### Ventilation

Axial fans known to generate airflow in a small circumferential dimensions have been replaced by specially designed overhead ventilation grids that not only add value to aesthetic ambience, but also efficiently circulate the airflow over a larger expanse. Ideal for tropical weather conditions.

### Multi-ray Entrance protection System

Invisible multi-ray infrared beams facilitate the opening of the doors. These sensing rays detect passengers and objects in the path of closing doors within a fraction of second and instantly open the doors before they touch the passengers.

### Position Indicators

Base: Dot matrix display is provided in car and at ground floor.

Base : Digital 7 segment LED display  
Optional: Dot matrix display

### Liftguard (Optional)

The Liftguard is a battery operated automatic rescue device that takes over in the event of a power failure and brings the elevator safely to the nearest floor avoiding anxious moments for trapped passengers. Incorporating an electronic controller powered by maintenance free batteries. Liftguard ensures reliable and safe travel.

### Voice Synthesizer

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OXFORD Stretch, elevator that can accommodate a standard stretcher, utility value for this will be appreciated in residential towers (12/ 16 stop) and medium rise nursing homes.

#### Cab Finish

Base: Powder coated  
Optional : Stainless steel hairline finish or metal effects

#### Handrails

Stainless steel in mirror finish

#### Flooring

Base: PVC  
Optional : Aluminum checkered plate.

#### Ceiling

Base : VCD 51PC  
Optional : VCD 55SS/VCD 51/VCD 54

#### Ventilation

Axial fans known to generate airflow in a small circumferential dimensions have been replaced by specially designed overhead ventilation grids that not only add value to aesthetic ambience, but also efficiently circulate the airflow over a larger expanse. Ideal for tropical weather conditions.

#### Multi-ray Entrance Protection System

Invisible multi-ray infrared beams facilitate the opening of the door. These sensing rays detect passengers and objects in the path of closing doors within a fraction of second and instantly open the doors before they touch the passengers.

#### Position Indicators

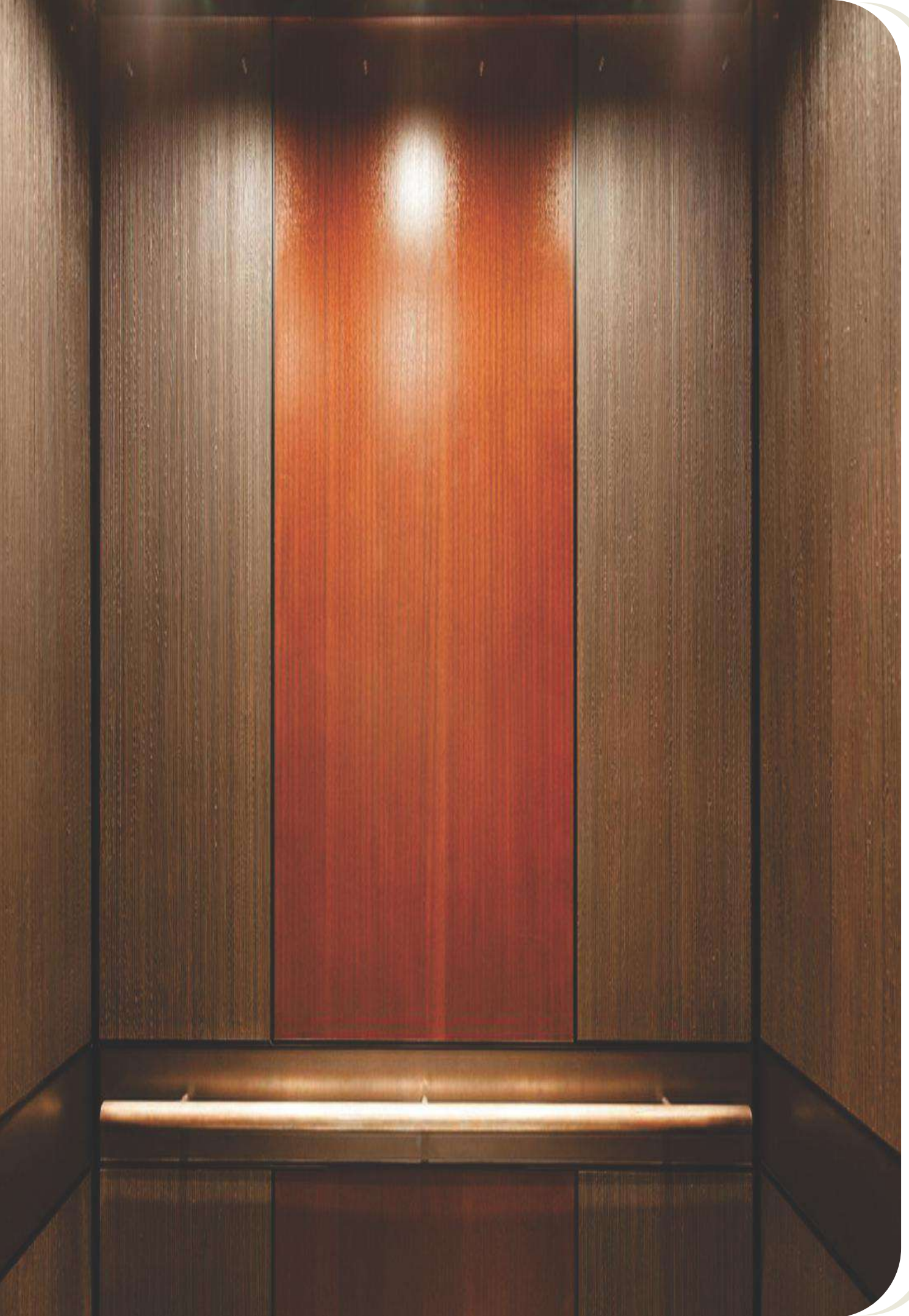
Base : Digital seven segment indicator is provided in car and at all landing floors  
Optional: Scrolling dot matrix display

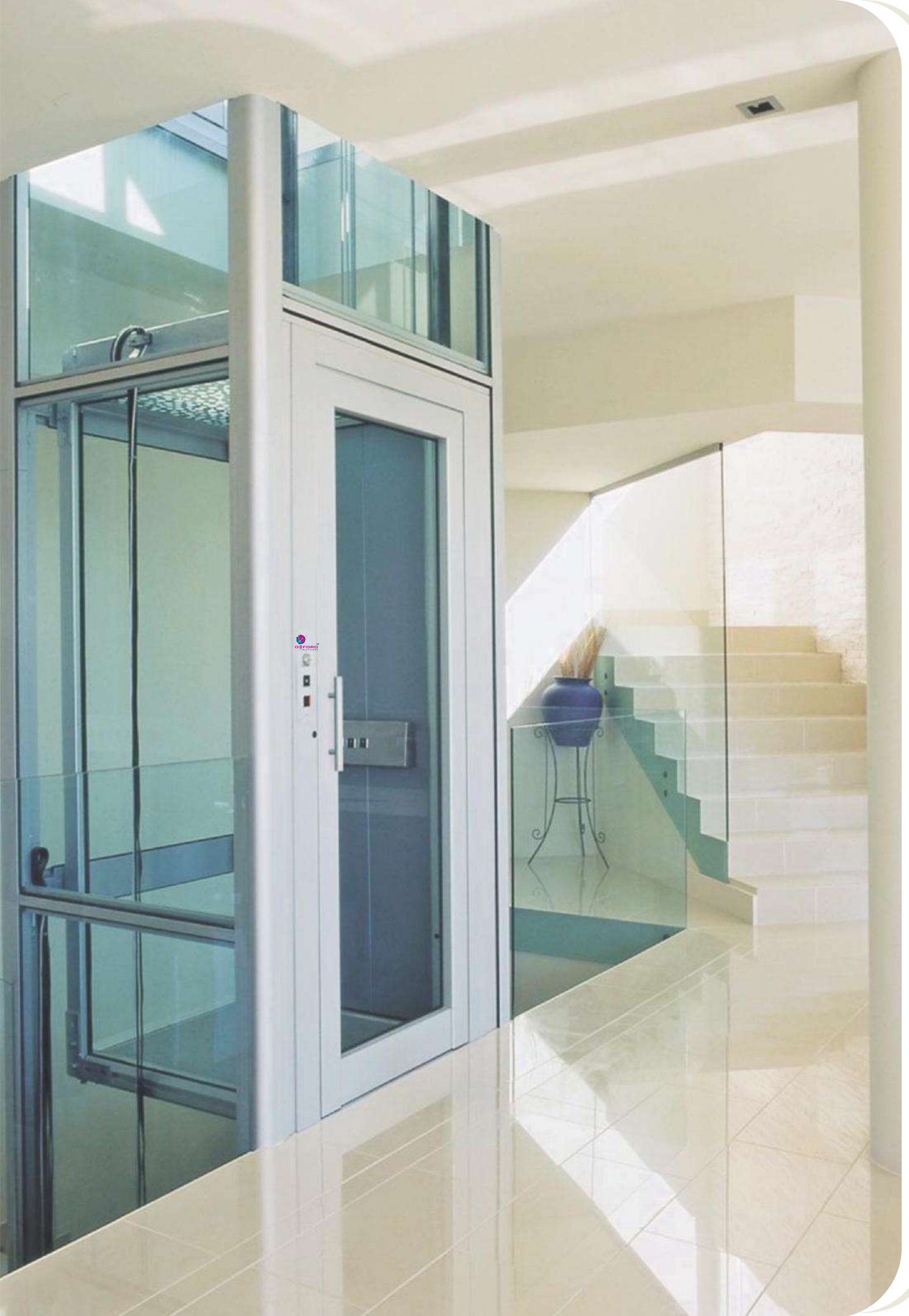
#### Liftguard (Optional )

The Liftguard is a battery operated automatic rescue device that takes over in the event of a power failure and brings the elevator safely to the nearest floor avoiding anxious moments for trapped passengers. Incorporating an electronic controller powered by maintenance free batteries. Liftguard ensures reliable and safe travel.

#### Voice Synthesizer

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OXFORD EasyLift can be customized as per your requirements and suits to your comfort. Utility value for this will be appreciated in residential Bungalows/ Villas / Apartments (2/3/4 stops), Show rooms & Nursing homes.

OXFORD, introduce our new prestigious product 'EasyLift'. This is our unique and ingenious product of vertical transport (lift) with hydraulic lifting mechanism / traction lifting mechanism for the exclusive use for low rise buildings up to four floors with convenient stops in between. This can be adaptable to new and old buildings alike. "EasyLift" is stylish & Elegant with fabricated of "Stainless steel model / ACP / MS powder coated with toughened glass", as very compact and most reliable for years of trouble free performance. The design features enables the erection of the elevator without any additional civil work. The unique design feature enables structural fitting without any alteration / modification or any addition to civil structure. EasyLift can be tailor made to suit your available space and taste. This can be erected with ease, without a 'duct', 'pit' or a 'machine room'. This equipment is incorporated with all safety features matching with international standards, thus ensures a safe and comfortable levitation with very easy to install, operate & maintain.

#### Cab Finish

Base: Powder coated  
Optional : Stainless steel hairline finish or metal effects.

#### Handrails

Stainless steel in mirror finish

#### Flooring

Base: PVC  
Optional : Aluminum checkered plate.

#### Ceiling

Base : VCD 51PC  
Optional : VCD 55SS/VCD 51/VCD 54

#### Ventilation

Axial fans known to generate airflow in a small circumferential dimensions have been replaced by specially designed overhead ventilation grids that not only add value to aesthetic ambience, but also efficiently circulate the airflow over a larger expanse. Ideal for tropical weather conditions.

#### Position Indicators

Base : Digital indicator is provided in car and at all landing floors  
Optional: Scrolling dot matrix display

#### Liftguard (Optional )

The Liftguard is a battery operated automatic rescue device that takes over in the event of a power failure and brings the elevator safely to the nearest floor avoiding anxious moments for trapped passengers. Incorporating an electronic controller powered by maintenance free batteries. Liftguard ensures reliable and safe travel.

#### Voice Synthesizer

The completely relaxed atmosphere can sometimes make you forget to get off the OXFORD. Trust us to take care of that . A pleasant voice over announces the floor on arrival to give you an additional sense of comfort.



OXFORD offer innovative multilevel parking solutions that can be customized to suit your requirements as per site plan & constraints.

OXFORD, Introduce new unique product of "OXFORD Stack Parking" for four wheeler parking. All the your necessity for parking will be fulfilled with our product range of two pole stacker, four pole stacker, puzzle parking, multilevel parking. Our system will be provided as per the client's requirement with features as totally enclosed compact power pack system with rubber bush fittings for reduced noise levels. Photo sensor for the bottom car stack to prevent accidental lowering of upper stack. Electromagnetic locking mechanism to prevent unwanted lowering of upper stack. Limit switches for each slot to prevent damages to the car on the upper stack. Remote switch box with key/push button for easy operation. Emergency shutdown switch.

#### Technical Specifications :

Model	Capacity	Space Required L X W X H	Max. Car Dimension L X W X H	Drive Mode
VSP II / IV	2000 Kgs.	5500 x 3000 x 3100 in mm	5000 x 2000 x 1600 in mm	Electrical oil Pressure

Operation Mode	Power Mode	Time Movement	Safety	Net Weight
Push Button or Key type	3 Phase AC - 220/400	Up - 55 Sec. Down - 20 Sec.	Mechanical Lock	1000 kg.

#### General Discriptions

VSP II / IV provides dependent parking spaces for two cars one on top of the other. The lower vehicle is parked directly on the floor the vehicle parked on the bottom must be driven out before lowering the platform.



## Oxford Elevator Stack Parking



## ASP II/IV



# Multilevel Parking Systems



OXFORD ELEVATOR





**OXFORD**<sup>TM</sup>  
ELEVATORS

## High Speed Gearless System

### DIMENSIONAL DETAILS FOR HIGH SPEED GEARLESS (WITH MACHINE - ROOM) ELEVATORS

Load Kg (Person)	Speed	Car size W x D x H	Lift Shaft Size W x D	Etrance W x H	Opning Type	Max Stops	Max Travel (Mts)	Pit	Overhead
900(13)	3.00	1600 X 1350 X 2400	2350 X 2200	900 X 2100	CO	50	200	3200	4800
	3.50							3450	5100
	4.00								
1020(15)	3.00	1600 X 1500 X 2400	2350 X 2350	900 X 2100				3200	4800
	3.50							3450	5100
	4.00								
1156(17)	3.00	2600 X 1350 X 2400	2750 X 2200	900 X 2100				3200	4800
	3.50			1100 X 2100				3450	5100
	4.00								
1350(19)	3.00	2600 X 1500 X 2400	2750 X 2350	900 X 2100				3200	4800
	3.50			1100 X 2100	3450	5100			
	4.00								
1360(20)	3.00	1800 X 1700 X 2400	2550 X 2550	900 X 2100	3200	4800			
	3.50	2000 X 1550 X 2400	2750 X 2400	1100 X 2100	3450	5100			
	4.00								
1564(23)	3.00	2000 X 1750 X 2400	2750 X 2600	1100 X 2100	3200	4800			
	3.50				3450	5100			
	4.00								
1632(24)	3.00	2000 X 1800 X 2400	2750 X 2650	1100 X 2100	3200	4800			
	3.50				3450	5100			
	4.00								

BENEFITS GALORE

**STANDARD DIMENSIONS MANUAL ELEVATOR**

PERSONS	LOAD(KG)	SPEED(MPS)	Dimensions (MM)				
			CAR INSIDE (AxB)	HOISTWAY SIZE (CxD)	OPENING WIDTH (E)	PIT DEPTH	OVER HEAD
5	340	0.6 MPS	1170x800	1600x1200	700	1500	4000
6	408		1170x920	1600x1400	800		
8	544		1300x1080	1800x1500	800		

**STANDARD DIMENSIONS AUTOMATIC ELEVATOR**

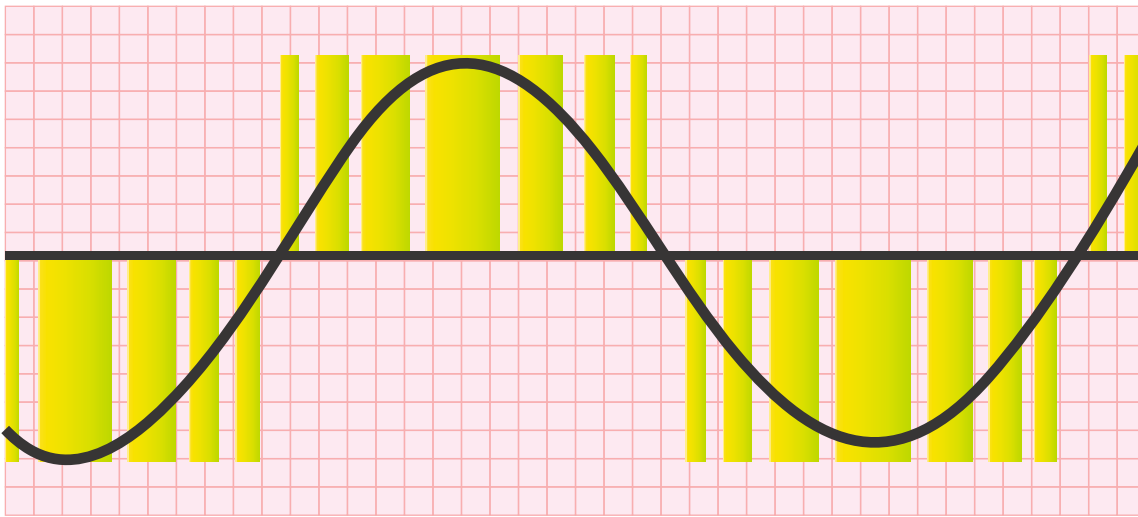
PERSONS	LOAD(KG)	SPEED(MPS)	Dimensions (MM)				
			CAR INSIDE (AxB)	HOISTWAY SIZE (CxD)	OPENING WIDTH (E)	PIT DEPTH	OVER HEAD
6	408	UPTO 1.0 MPS	1000 x 1050	1600 x 1600	700	1500	4200 - 4800
8	544		1100 x 1300	1850 x 1800	800		
10	680		1300 x 1350	1900 x 2000	800		
13	884		1100 x 2000	1900 x 2500	800		
16	1088		1300 x 2000	1900 x 2700	900		
20	1360		1550 x 2000	2150 x 2900	900		
24	1632		1800 x 2000	2500 x 2900	900		

**Minimum Civil Dimensions For Freight Elevators**

LOAD	SPEED (MPS)	CAR INSIDE		LIFT WELL		ENTRANCE	PIT DEPTH	OVER HEAD
		A	B	C	D			
KG	UPTO 1.0 MPS	A	B	C	D	E	1600	4800
500		1100	1200	1900	1750	800		
1000		1400	1800	2300	2350	1200		
1500		1700	2000	2600	2550	1200		
2000		1700	2500	2600	3050			
2500		2000	2500	2900	3050	1200		

**STANDARD DIMENSIONS EASYLIFT**

PERSONS	LOAD(KG)	SPEED(MPS)	Dimensions (MM)				
			CAR INSIDE (AxB)	HOISTWAY SIZE (CxD)	OPENING WIDTH (E)	PIT DEPTH	OVER HEAD
2	136	UPTO 0.3 MPS	900x600	1250x1250	600	150 - 1500	MRL
3	204		900x900	1250x1400	700		
5	340		1100x1000	1500x1500	700		



## TECHNICAL ADVANCES IN OXFORD 220 VF OFFER YOU A HOST OF BENEFITS

### Technical advance in OXFORD offer you a host of benefits.

#### Reduces Power Consumption

Reduced power consumption improved power factor and low starting current result in about 50% energy saving over conventional systems.

#### Higher Efficiency

Imported digital software controlled VVVF inverter with a high speed switching device IGBT (Insulated gate bipolar transistor) provides higher efficiency.

#### Greater Reliability

Improved advanced microprocessor technology coupled with digital software controlled fully imported VVVF drive makes it a sturdy elevator. Maintenance and repairs, if any, are faster and easier due to an intelligent self diagnostic program, hence reduced down time.

#### Programmable Controller

Microprocessor – based digital controller allows greater flexibility in changing installation parameters to meet changing traffic and customer needs.

#### Comfortable Ride

Comfortable ride pulse with modulation (PWM) ensures smooth acceleration and deceleration for silent operation and excellent ride quality.

#### Smooth Elevator Operation Control

The pulse width modulation (PWM) is the heart of the VVVF control. It makes possible the control of a lternative current and the supply frequency to the AC motor simultaneously.

This ensures that the elevator closely follows the set speed pattern. The PWM and closed loop system guarantees smooth control during acceleration\deceleration and optimum travel time, regardless of passenger load variations.



TECHNOLOGY WITH ECONOMY

**Sophisticated and compact Machine**

OXFORD traction machines bring you much more. Designed and manufactured using OXFORD state-of-the-technology, OXFORD traction machines are synonymous with easy and stable brake adjustment and well-maintained acceleration and deceleration limited for comfortable speed transition.

With minimum number of moving parts, they also make the ride more comfortable and hassle-free.



TECHNOLOGY WITH FLEXIBILITY

**Controller**

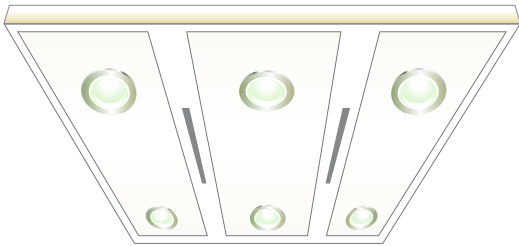
The state- the art , fully computerized control system is designed for variable frequency control geared elevators up to a speed of 1.0 meter per second. Most often used in medium rise apartment, hotels, hospitals and office buildings, it incorporates the most advanced variable voltage variable frequency (VVVF) drive for motion control.

By virtue of its site programmability it offers the flexibility to meet changing customer needs. On the other hand, its field test mechanism for easy and quick fault diagnosis outperforms other conventional elevator control systems. The powerful microprocessor provides more flexibility and efficiently controls all elevator functions for better passenger comfort and maximum safety.

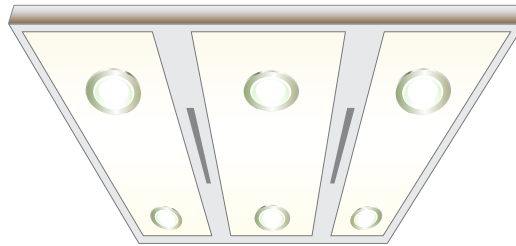
## OXFORD CEILING

Ceiling has light diffusers that give a special soothing ambience inside the car. Specially designed overhead ventilation grids provides optimum air flow to the passengers below. The result is a pleasant soothing and cooling effect a welcome feature in tropical weather conditions.

ATE 51 PC



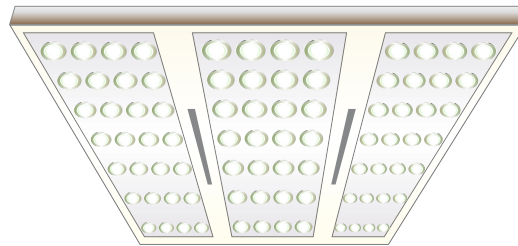
ATE 55 SS



ATE 51



ATE 52



## HANDRAIL

While passengers get the comfort feeling of holding on the handrail during travel, the special mirror finish also adds to the aesthetic appeal.

Mirror stainless steel finish



Beauty with precision

Escalators provide quick, continuous, safe and reliable movement of people between floors.

Airports, rail transit systems, hotels, shopping and commercial complexes – all benefit from escalators. Escalators have come to be an important feature of many such projects. They become a center of attraction leading added prestige to the buildings and increased comfort and convenience to users.

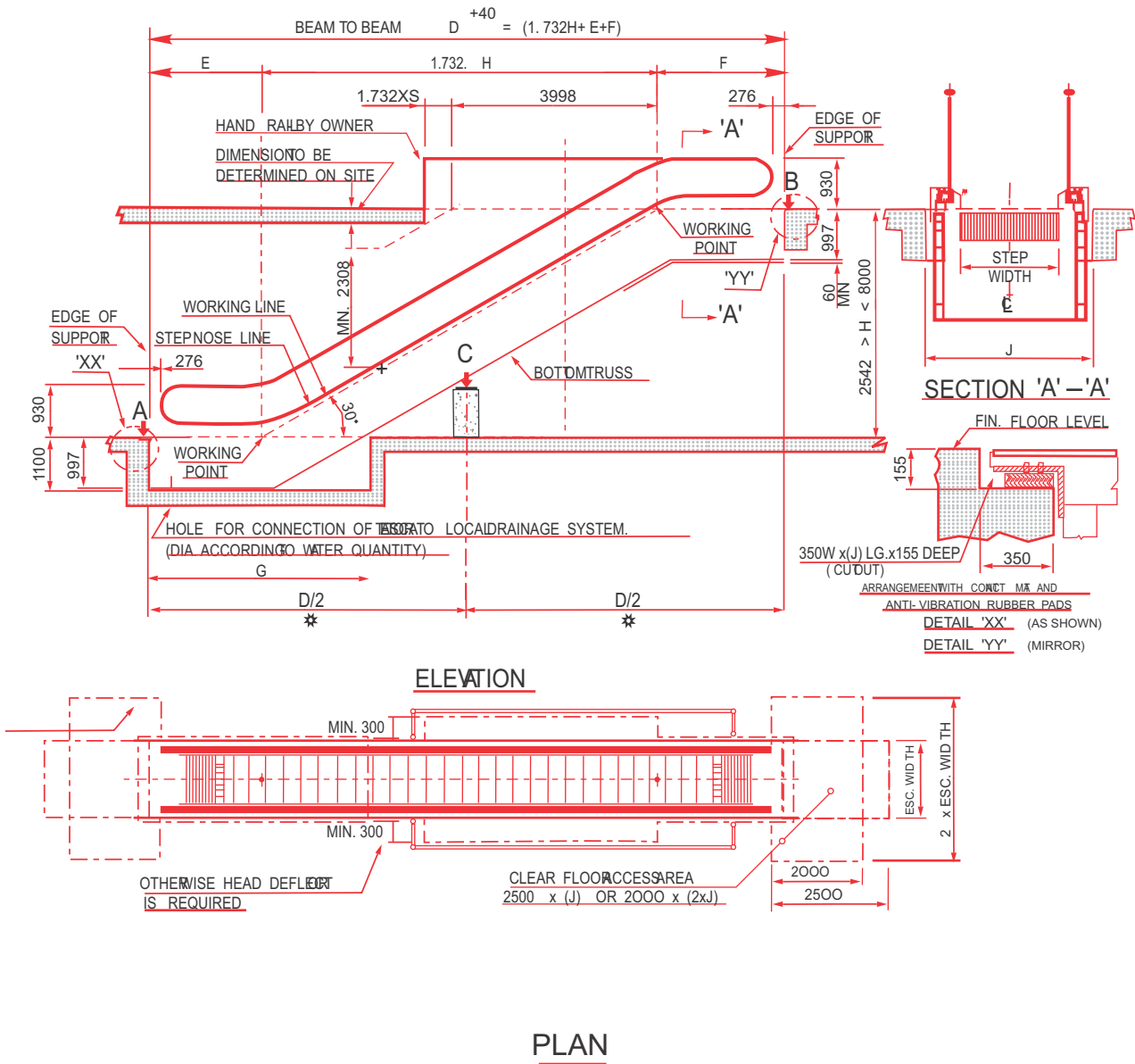
Escalators encourage movement. They keep large crowds moving and prevent congestion. They have an inviting ready-to-serve-you appearance that induces people to travel freely.

Unlike elevators, escalators offer what is called zero interval service. Escalators offer smooth ride, quiet operation, durability, style and most of all complete safety.



BENEFITS GALORE





ESCALATOR							ANGLE : 30° - SPEED : 0.5 m/s					
DIMENSIONS PARAMETER IN mm							REACTION TO SUPPORT IN KN (D IN m) (1KN= 100Kg)					
STEP WIDTH	FLAT STEPS	E	F	G	H	J	FLAT STEPS	WITHOUT INTERMEDIATE SUPPORT		* WITH IN INTERMEDIATE SUPPORT		
800	2	2212	2440	4350	MIN. 2542	1430	2	2542 > H < 6000		6000 > H < 8000		
1000						1630						
800	3	2612	2840	4750	MAX. 8000	1430	STEP WIDTH	A	B	A	B	C
1000						1630	800	4.89xD	4.89xD+10	1.832xD	1.832xD+12	5.689xD
							1000	5.566xD	5.566xD+10	2.075xD	2.075xD+12	6.34xD

- NOTE :-
- 1) IN CASE OF ESCALATORS WITH SIDE BY SIDE ARRANGEMENT, THE MINIMUM CLEARANCE REQUIRED BETWEEN TWO ESCALATORS SHOULD BE 210 mm.
  - 2) IF ESCALATORS ARE EXACTLY ONE ABOVE THE OTHER, MIN FLOOR TO FLOOR HEIGHT REQUIRED IS 3600mm.
  - 3) FOR RISE ABOVE 6M. IT IS ESSENTIAL TO HAVE 3 FLAT STEPS AT BOTH LANDINGS.
  - 4) IF H > 6 METERS, ADD MID SUPPORT AT THE MIDDLE OF BEAM TO BEAM DISTANCE.

REFER OXFORD DETAILED DRAWING FOR ADDITIONAL INFORMATION

ALL DIMENSIONS ARE IN mm

## STAINLESS STEEL FULL HEIGHT CAR OPERATING PANEL

Simple, sleek, minimalist expression that's what OXFORD car operating panel is about.

Several innovation operations make this panel even more adorable:

- One- touch micro-stroke transparent buttons with illuminated LED's or the sophisticated metallic braille buttons make your journey more exciting.
- Anti-glare lens cover for the display on the car position indicator leading to easy visibility from any position inside the car

## DISPLAYS –OPTIONAL

Expect the OXFORD to offer the latest in aesthetic technology.

LCD display – Rollo vision

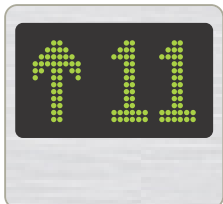


The monochrome LCD display option comes with a host of friendly features.

- View area: 132 mmW X 76mmH
- Scrolling arrow
- Floor indication
- Real time clock date
- Standard elevator messages

## SCROLLING DOT MATRIX DISPLAY – SCROLLO VISION

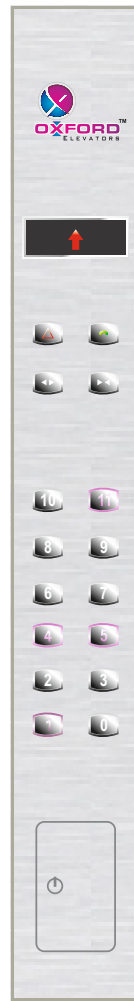
The Scrolling dot matrix display for that touch of class.



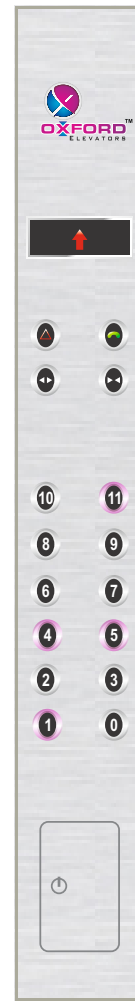
- standard elevator new age
- Floor digit height : 18 × 38 mm
- Scrolling numbers – alpha numeric
- Arrow & digit in green colour.

## CAR FIXTURES

ATE - 56



ATE - 55



COP buttons



ATE B1

Braille marking



ATE B2

## HAL FIXTURE

Combined hall button with position indicator and direction arrows.



ATE S4



ATE S5

## OXFORD Cabins



ATE - 101



ATE - 102



ATE - 103



ATE - 104



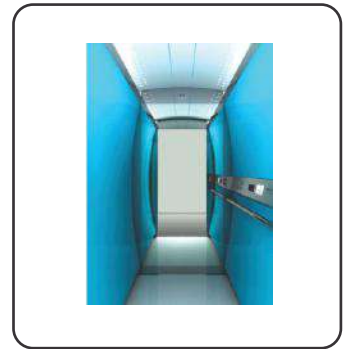
ATE - 105



ATE - 106



ATE - 107



ATE - 108

## OXFORD Doors



Telescopic Powder Coated Door



Telescopic SS Auto door



Semi Automatic Swing door



Collapsible Gate



MS Center Auto Door



SS Auto Door



Semi Automatic Swing door



Imperforated Manual door



Sr. No. 846, Plot No. 118 B,  
Dattavihar, Vajai Pune - 412207

Phone : +91 9860547979 , +91 9555059898  
E-mail : [info@oxfordelevator.co.in](mailto:info@oxfordelevator.co.in)/[sales@oxfordelevator.co.in](mailto:sales@oxfordelevator.co.in)

[www.oxfordelevator.co.in](http://www.oxfordelevator.co.in)

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