

Technology in **Elevators**



Lift Servicing, Installation, Upgrades & Maintenance







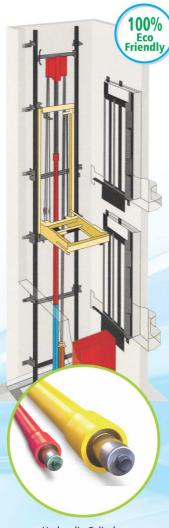
Hydraulic System (MRL)



Geared Traction Machine



Gearless Machine



Hydraulic Cylinder



Feature Rich Elevators

DT ALLIANZ LIFTS PVT. LTD. Passenger Elevators comes with many enviable features*



Door Frames:

DT Allianz Lifts come with elegant door frames in Stainless Steel or Mild Steel finishes that gives strength as well as enlarged appearance.



Infrared Door Detector:

A full height curtain of infrared beams to prevent accidental closing of the door.



Auto Shut off Car Light / Fan:

If there is no call for a specific period, the car lighting and ventilation Fan will automatically turn off to conserve energy.



Regenerative Converter:

For energy conservation, power generated by a traction machine can be used by other electrical systems in the building.



Over Load Indicator:

In case the lift is overloaded than its rated capacity an audible / visual signal turns on.



Supervisory Panel:

Each elevator status and operation can be remotely monitored and controlled through a panel installed in a building's supervisory room etc.



Automatic Rescue Device (ARD):

Automatically takes the lift to the nearest level in case of power interruption, doors open to facilitate the safe evacuation of passengers.



VVVF Controllers:

The Variable Voltage Variable Frequency (VVVF) control ensures 50% energy savings. It also creates a super comfortable ride quality with jerk free starts and stops.

Smooth acceleration and deceleration and no landing variations. In the long run, this prevents wear and tear of components which means less downtime and huge saving on spares.



Stainless Steel Buttons:

Sophisticated design buttons flush with backplate having Orange / Red illumination with engraved numbers. Highly temper resistance with / without braille markings.



VVVF Door Controller:

Silken smooth door movement. Advanced features like adjustable independent times for opening and closing. Slow nudging feature ideal for high traffic situations.



LCD / TFT Position Indicators:

The LCD or TFT display of Car operating panel shows the car position, travel direction and elevator status message.



Floor Annunciator:

Recorded voice with music announces the floor number on arrival.



Inter communication system:

A system which allows communication between passengers inside the car and the building personnel.



Extended Door Open Button:

When the button inside the car is pressed the doors will remain open longer to allow loading and unloading of baggage, a stretcher etc.



Fire Emergency Operation:

To enable fire service personnel to take over complete control over the elevator.



Car Arrival Chime:

Electronic chimes sound to indicate that Car has arrived floor (for duplex only)



Emergency Car Lighting:

Car Lighting which turns on immediately when power fails, providing a minimum level of lighting within the car.



DTA-01 Stainless Steel & Half Glass Designer Cabin

Cabin Designs Freedom of designs

Create the look and feel you like. Combine colors, materials, lighting, mirrors, handrails and fixtures to achieve the ambiance that fits both your ideas and your building.

Choose from one of our four interior design lines or design the whole car to your own taste.



DTA-02 M.S. & Glass Designer Cabin



DTA-03 Wooden & Glass Designer Cabin



DTA-04 Stainless Steel & Glass Designer Cabin





DTA-05 Stainless Steel & Glass Decorative Cabin



DTA-06 S.S. Hairline & Glass Designer Cabin





DTA-07 Rose Gold & Glass Designer Cabin



Design lines, colors and materials. Design that speaks to your senses.



DTA-08 Golden Designer Cabin



DTA-09 Golden Designer Cabin



DTA-10 Golden Designer Cabin







DTA-11 S.S. Hairline & Designer Cabin



DTA-12 Golden Designer Cabin



Center Opening Auto Door (Small Vision)



The Stylish Way to **Brand Your Elevator**

Automatic Door



Hairline Finish Telescopic Autodoor



Center Opening Plain S.S. Door



Rose Gold Center Opening Autodoor



Center Opening Auto Door (Four Panel)



Full Glass Door



Full Vision Glass Door



Half Glass Autodoor

Manual Door



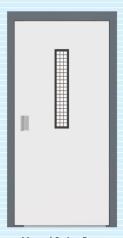
Manual Imperforates Door



Manual Collapsible Door



Manual Telescopic Door



Manual Swing Door



M.S. Powder Coated Frame Full Glass Swing Door





Capsule Elevator

Smooth Operation Comfortable Travel

Our premium capsule elevators fast and highly cost-effective way to create a full-glass elevator solution for your building.

There are multiple car models to choose from, as well as a wide range of interior design options and other customization possibilities.

Available Rated Speed :

1.0, / 1.5 / 2 MPS

Max Travel Height:

66 M

Available Rated Capacity : Max Passengers :

408 to 1088 Kgs

06 to 16 Passengers

"



Square Glass Cabin



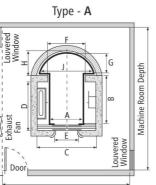
Five Side Glass Cabin



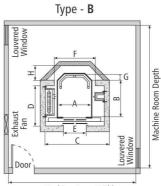
S.S. Round Glass Cabin



Powder Coted Round Glass Cabin



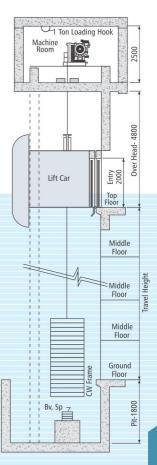
Machine Room Width



Machine Room Width

Type -	Α									
Load	d		Car Ins	side			Lef	Entrance		
Person	Kgs.	Α	В	J	G	С	D	F	Н	Е
8	544	1000	1200	1250	600	2000	1225	1230	1000	800
10	680	1100	1300	1400	650	2200	1325	1330	1100	900
13	884	1200	1400	1550	700	2400	1425	1430	1100	1000
16	1068	1300	1500	1700	750	2800	1525	1530	1200	1200

Type -	В								
Load	t	C	ar Insid	le		Left	Well		Entrance
Person	Kgs.	А	В	G	С	D	F	Н	Е
6	408	1000	1100	200	1800	1250	1230	470	700
8	544	1150	1200	200	2000	1380	1350	520	800
10	680	1250	1300	250	2200	1450	1480	580	900
13	884	1400	1400	300	2400	1550	1630	650	1000
16	1068	1550	1500	350	2800	1780	1650	790	1200







Safe





Robust

Lots of Options for

Passenger Elevator

Manual Door

Manual door elevators are durable by design and accurate by technology. We have a wide range of these elevators which are most reliable and designed to suit every construction requirement and provide best vertical transportation solutions, with trouble free performance and low maintenance cost.

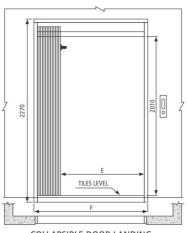
These elevators are a perfect blend of Cost friendly and robust performance elevator applications. They have an excellent record of customer satisfaction.

"

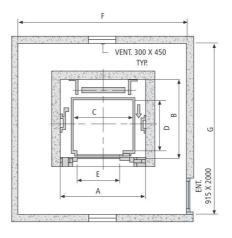
"

Available Rated Speed Max Travel Height **Available Rated Capacity** Max Passengers

0.63 / 1.0, / 1.5 / 2 MPS 66 M 272 to 1360 Kgs 04 to 20 Passengers



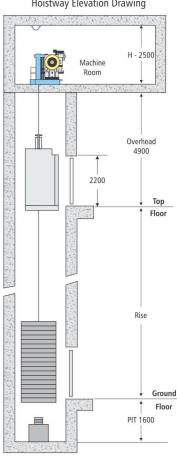
COLLAPSIBLE DOOR LANDING



Hoistway Machine Room Plan For Manual Door

Load		Lift Well		Car Inside		Entrance	Machine Room		om
Person	Weight	Width	Depth	Width	Depth		Width	Depth	Height
In K	g.	Α	В	С	D	E	F	G	Н
4	272	1600	1250	1100	700	700	3000	3000	2500
5	340	1600	1300	1100	850	750	3000	3200	2500
6	408	1670	1370	1100	1000	750	3000	3500	2500
8	544	1800	1600	1300	1100	750	3200	3500	2500
10	680	1850	1800	1350	1300	1000	3500	4000	2500
13	884	2500	1600	2000	1100	1000	4000	4200	2500
16	1088	2500	1800	2000	1300	1000	4500	4800	2500
20	1360	2500	2050	2000	1550	1000	5000	5000	2500

Hoistway Elevation Drawing





DT ALLIANZ LIFTS
PRIVATE LIMITED
(Formely Known as Alliance Elevators)

Passenger Elevator

Auto Door

Automatic doors at grocery stores and office buildings mainly exist for convenience. The automatic doors in an elevator, on the other hand, are absolutely essential—they keep people from falling down an open shaft.

Elevators use two different sets of doors: doors on the cars and doors opening into the elevator shaft. The doors on the cars are operated by an electric motor, which in turn is operated by the elevator computer.



Top grade door machine system

Fully computerized VVVF closed-loop control mode fulfills the smooth operation. It needs no position switch. Internal self-tuning function records various floor door widths by memory. It ensures the accurate and proper door-opening.

Available Rated Speed
Max Travel Height

66 M

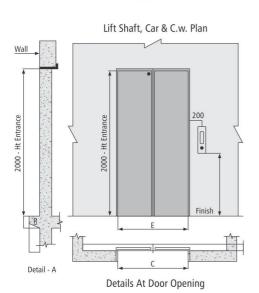
Available Rated Capacity

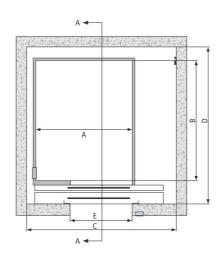
272 to 1360 kgs.

0.63 / 1.0, / 1.5 / 2 MPS

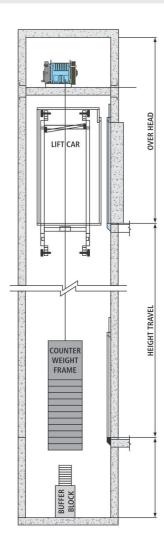
Max Person

04 to 20 Passengers





Loa	Load Car Inside		Lift Well		Entrance		Pit	Overhead		
Person	Kgs	Width	Depth	Height	Width	Depth	Width	Height	Depth	Height
6	408	1100	1000	2150	1850	1400	700	2000	1600	4800
8	544	1100	1300	2300	1950	1700	800	2000	1600	4800
10	680	1300	1350	2300	2050	1750	800	2000	1600	4800
13	884	1300	1700	2300	2100	2100	900	2000	1600	4800
16	1088	1500	1750	2300	2350	2150	1000	2000	1600	4800
20	1360	1500	2000	2300	2350	2400	1000	2000	1600	4800









Noise Reducing



Smooth and Comfortable

Hospital Elevator

Can Save Time for Quick Rescue

- The Hospital Elevator is designed Especially for Patient Vertical Transportation in Hospital.
- In Elevator Cabin Wheelchair & Stretcher Can be Accomoted.
- · No Jerk is experienced at the Starting & Stopping of Elevator.
- Size of Elevator Cabin & Doors can be Adjustable as Availability of Hoistway.
- Elevator Car with two Opposite Side Opening is Possible, if required.
- · Cabin is washable with Wet Cloth.

Available Rated Speed Max Travel Height **Available Rated Capacity** Max Passengers

0.63 / 1 MPS 66 M 544 to 1768 Kgs 08 to 26 Passengers



Hoistway Elevation Plan 300 300 Machine Room Width

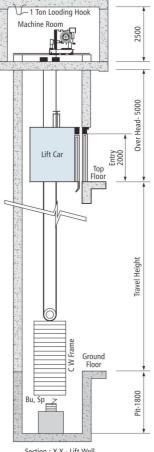
Automatic Centre Opening Door

Capa	city	Shaft W	Shaft D	Car W	Car D	Shaft W	Shaft D	Car W	Car D	Entrance
Person	KG.	Α	В	C	D	А	В	C	D	Е
10	680	1900	3000	1000	2400	1700	3000	1000	2400	700
15	1020	1900	3000	1000	2400	1700	3000	1000	2400	800
20	1360	2300	3000	1300	2400	1950	3000	1300	2400	900
26	1768	2600	3000	1600	2400	2100	3000	1600	2400	1000

Collapsible Door Can Be Provided If Required.

Automatic Telescopic Door

Hoistway Elevation Drawing



Section : X-X - Lift Well



DT ALLIANZ LIFTS
PRIVATE LIMITED
(Formely Known as Alliance Elevators)

Goods Elevator

Save Valuable Time as Well As Energy

Special Features:

- Goods Lifts are amalgamation of Cranes and lift technology.
- Mechanisms Mounted on Fabricated Frame
- All Door entries fitted with collapsible doors.
- Cabin height not less than 2100mm.
- Cabin floors are covered with chequer plate.
- If one rope fails another rope holds the cabin from falling.
- If any gate Is opened Goods Lift Will not operate.
- All floor doors are fitted With limit switches.





Aluminum Checker Plate

M.S. Checker Plate



Available Rated Speed

Available Rated Capacity

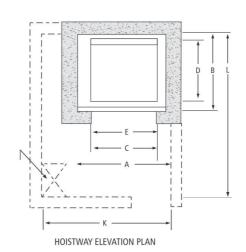
Max Travel Height



Heavy Duty Traction Machine



Accurate Leveling

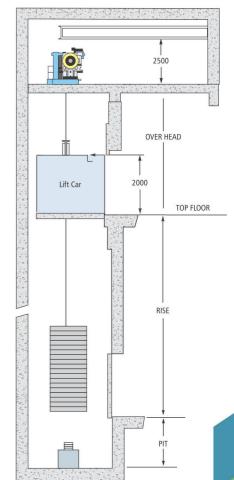


0.50 / 1.00 / 1.50 MPS

500 to 3000 Kgs

66 M

Load	Lift '	Lift Well		Car Inside		Entrance		Machine Room		UPTO 0.7 M / SEC.	
Weight	Wid	th	Depth	Width	Depth	Width	Depth	Height	Pit	O.H.	
IN KG	А	В	C	D	Е	F	G	Н	K	М	
500	1900	1500	1100	1200	750	3000	3800	2500	1600	4800	
1000	2300	2100	1400	1800	1000	3000	4000	2500	1600	4800	
1500	2600	2300	1700	2000	1250	3200	4200	2500	1600	4800	
2000	2600	2800	1700	2500	1500	3200	4200	2500	1600	4800	
2500	2900	2800	2000	2500	1500	3500	4400	2500	1600	4800	
3000	2900	3300	2000	3000	2000	3500	4500	2500	1600	4800	
4000	3400	3300	2500	3000	2000	4000	4600	2500	1600	4800	
5000	3400	3900	2500	3600	2500	4500	4500	2500	1600	4800	







MRL Elevator

Machine Roomless Elevator

Less Space Less Energy More Flexibility

Brings you a revolutionary concept in the field of elevators to give you absolute freedom in designing-MRL-Machine Room Less Elevators. Our exclusive Machine room less elevators brings aesthetic enhancements for your structure.

Available Rated Speed Max Travel Height Available Rated Capacity Max Passengers

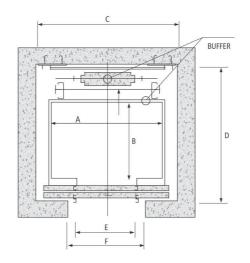
1.00 / 1.50 / 2 MPS 66 M 340 to 1768 Kgs

05 to 26 Person

"



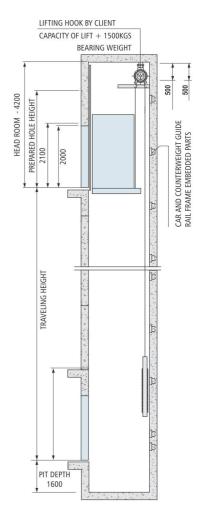
New generation permanent magnet synchronous gearless traction machine



Construction Parameters

Constitu	Construction Farameters								
Сар	Capacity		Car Inside			ift 'ell	Clear Entrance	Clear Opening At Landing	
Person	KGS	А	В	С	D	Е	F Auto Door	F Manual Telescopic	
6	408	1200	900	1800	1400	700	780 / 2100	1450 / 2350	
8	544	1300	1100	1900	1600	800	880 / 2100	1600 / 2350	
10	680	1300	1300	1900	1800	800	880 / 2100	1600 / 2350	
13	884	1600	1400	2200	1900	900	980 / 2100	1700 / 2350	

- Above dimension may very as per different types of and equipments.
- All dimensions are in mm.







Home Elevator

Luxury and Convenience in Your Home

Home Elevator is designed to meet vertical transportation needs in private bungalows. It is the ideal solution for elderly and impaired persons who can finally move autonomously and free from stairs.

It is a modern product, designed and manufactured to meet a wide range of needs from the garage to the roof, you can move effortlessly up to 4 floors.

"

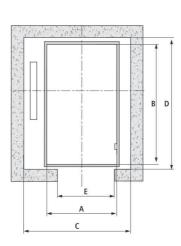
"

Available Rated Speed Max Travel Height Available Rated Capacity Max Passengers 0.30 / 0.63 MPS 12 M 300 to 450 Kgs 4 to 6 Passengers

Main feature and benefits :

- Runs with single phase power supply.
- Required very compact overhead space and pit area.
- Saves up 40% energy compared to hydraulic elevator.
- Noiseless and vibration free.
- Easy to install and maintain.





Door Operation	Loa	d	Lift	Well	Car I	nside	Entrance	Speed	Pit	Over Head
	Persons	KGS	С	D	А	В	Е	(MPS)		
Manual Door	3	204	1100	1200	810	700	700	0.3	550	3100
Manual Door	4	272	1300	1400	800	1200	700	0.3	550	3100
Auto Door	3	204	1250	1250	810	700	700	0.3	550	3100
Auto Door	4	272	1300	1600	850	1150	700	0.3	550	3100

Mini Gearless Machine

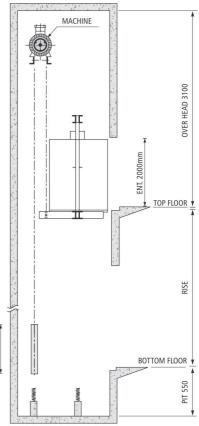








HOISTWAY ELEVATION PLAN





Car Elevator

The Most Reliable Parking Assistants

Car elevators help to alleviate the problems of finding sufficient parking space in busy areas, and save on costly land in commercial space.

These lifts smoothly transport vehicles to the tops of building, or to basements and showrooms.

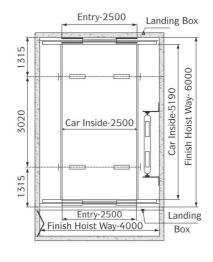
They are carefully engineered for independent access of vehicles in private homes or multi-family residences where space is valuable.

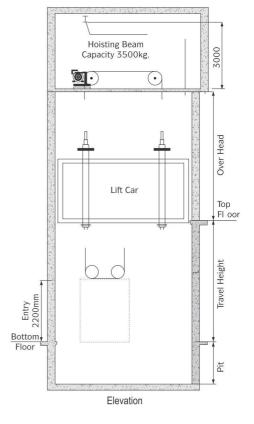
Available Rated Speed Max Travel Height Available Rated Capacity 0.30 / 0.50 MPS 30 M 2500 to 4000 Kgs



Bi-Partical Door

Vertical Transportation for Cars/ LMVs
Industrial applications & Car Parks
100 (Solutions available for higher travel)
500 - 5000 Kg (Solutions available for higher capacities)
0.5 mps (Solutions available for other speeds)





Different Type Car Parking Lift



Two Car Parking System



Car Puzzle Parking



Electric Scissor Car Lift





Hydraulic Elevator For Low Rise

Looking for a low-maintenance elevator Hydraulic elevator provide the advantages of being relatively inexpensive, safe and easy to maintain. They're very convenient and cost-effective solution for low-rise buildings with low traffic.

Hydraulic elevators have been rated the safest option for home elevators. They boast superb user friendliness and easy access machine room located at the basement. Once they are put in place, hydraulic elevators provide the smoothest rides possible.

Available Rated Speed Max Travel Height **Available Rated Capacity Max Passengers**

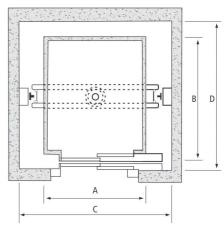
0.30 MPS 30 M 204 to 408 Kgs 3 to 6 Passengers







HOLE TYPE ACTING



It is a directly acting suspension with a simple or split piston. It is the simplest solution of suspension for any load.



Service Goods Lift

Persons	Capacity	Car-W	Car-D	Shaft-W	Shaft-D
	Kg	(A)	(B)	(C)	(D)
3	225	800	1100	1500	1500
4	300	850	1050	1550	1550
5	375	1000	1200	1600	1600
6	450	1100	1250	1700	1700
8	600	1200	1500	1700	1800
10	750	1200	1700	1700	2000
12	900	1300	1800	1900	2100
15	1125	1300	2200	2000	2500
20	1500	1400	2500	2100	2800
24	1800	1500	2500	2200	2800



A wide variety of operating panels for lifts with great flexibility in special construction.



Push Button



COP & LOP Car

Car Operating Panel & Landing Operating Panel



EL 03 COP - LOP



SM: GRAND COP-LOP

A 19

Vertical Display Effect





Horizontal Display Effect



TFT Color Display



Monochrome



SM: Classic COP-LOP



♠♥

SM: I TOUCH Black COP-LOP



Green Installment Saving Environment Friendly









Gearless Traction Machine







MRL Gearless Machine

Mini Gearless Machine

Lift Duty Reduction Geared Machine Units



Montanari Heavy Duty Traction Geared Machine



M67 Geared Traction Machine



CAULDRON - 135NGeared Traction Machine

Controller

The safe and More Energy-Saving Integrated control









CONTROLLER with ARD



STEP®
Elevator Serial
Integrated Controller

Aesthetics that Create Style and Harmony



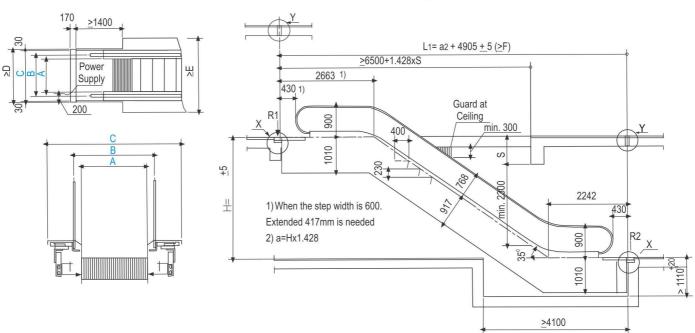
Escalator

S310-35K COMMERCIAL ESCALATOR

- Escalator suitable for hotels, office buildings, super markets, and airports.
- ► The step width can be 600mm, 800mm and 1000mm.
- ► The inclination can be 30°& 35°.
- ► The alternative function includes VVVF, auto-lubrication & error analysis.
- ► The requirements can be customized.

Functions

- Automatic inspection status transformation
- ► Handrail entrance device
- Up and down start key
- ► Emergency button/operation brake control
- ► Broken step chain safety device
- Comb safety device/ Protection from over speed
- ► Non-reversing safety device
- ► Inspection device
- Overload protection
- ► Control device for handrail breakage
- Phase monitoring relay
- Auxiliary brake [H>6.0ml]



Superb performance comes from stringent design





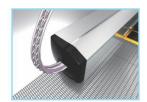


Long Service Life



Quiet Running -Quiet Drive Units

	S310-35K60	S310-35K80	S310-35K100
Α	600	800	1000
В	838	1038	1238
С	1200	1400	1600
D	1260	1460	1660
Е	1838	2038	2238
F	18500	16900	15700



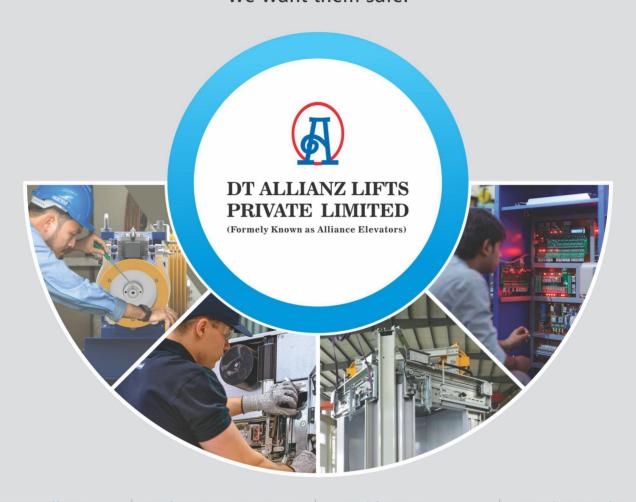






Safety is everything.

When passengers ride our elevators we want them safe.



New Installation

Installation works are carried out after discussions on the type of lifts required to meet the demands of the buildings, using the latest technology and equipment.

Maintenance Contract

We are one of the reliable and well know service providers for elevators maintenance. We offer our clients' annual maintenance contract for all types of lifts.

Modification

We modify our clients elevator with the latest and updated techniques, technology, design and compact features to ensure maximum safety and to reduce the energy cost.

Repair & Service

We posses dynamic professionals to provide repairing and other maintenance service at market price for better functioning of the elevators and its inner devices.



































DT ALLIANZ LIFTS PRIVATE LIMITED

(Formely Known as Alliance Elevators)

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Himachal Pradesh:

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