**A Pinnacle in Elevator Excellence**

**APEX TEAM**
Best-organized team of elevator professional & engineers.

**PRICES**
Economical & affordable price range.

**INDIAN STANDARD (BIS)**
We follow BIS standard for material & installation.

**APEX STRENGTHS**
- Technically superior products.
- Customization to suit your building & budget.
- Latest features.
- Global sourcing of key components.

**TECHNICAL COMPETENCY**
- Elevators are complex integrated systems that combine electro-mechanical components, electronics & software.
- Apex team members are in elevator business for over 10 to 20 years with one of the best technical competency in elevator industry.

**AFTER SALES SERVICE AND MAINTENANCE**
APEX provide efficient response facility supported by experienced maintenance staff.

- **Design & Accessibility**
- **Adaptability to the building**
- **Control and Safety**
- **Eco Friendly**

Latest Safety Standard

We combine superior performance with innovative design elements.

Standard Feature:
- ACVVVF Drive
- Micro Processor Controller
- Digital Lift Position Indicators
- Pressure Fan in Lift Car
- Digital Lift Position Controllers
- Emergency Stop in Lift Car
- Pleasing Interiors & Design Element
- Single & Reverse Phase Protection
- Safety Governor over Speed Tripping
- Hand Winding Rescue Arrangement
- Door Safety & Electrical Interlock
- Battery Operated Emergency Alarm

Applicable only for Automatic Doors:
- Closed Loop Door Drive & Control
- Fireman Switch at Main Landings
- Door Safety Multi Beam Infrared Sensor

Benefit to You:
- Low Maintenance Cost
- Economical - Value for Money
- No Compromise on Safety
- Low Noise Level
- Adjustable Door Closing Speed
- 30% - 50% Less Power Consumption
- No Hassle with Lift Inspector & Fire Department

Advantage:
- Better Ride Comfort
- Better Levelling
- Less Moving Parts
- Fireman Control as Standard
- Latest Door Safety as Standard
- Better Door Speed Control
- Safety Standard Meeting Code for Lift Licence & Fire Department

Optional Feature at Extra Price:
- APEX Unique Power Supply cum URD with 35 Batteries
- Automatic Rescue Device (ARD) with 4 Batteries
- Overload Warning Device
- Voice Announcement

Advantage:
- Better User Interface
- Prevents Overload Tripping
- Meet Legal Code Requirement

Benefit to You:
- Lift can be used by Visually Impaired
- Brings Elegance to Your Lift
- Enhanced Safety

APEX
**ELEVATOR CONTROLLER**

**SPECIAL FEATURES**
- Compact & Space saving design
- SMD Components
- Optically isolated I/O
- Real time fault logging
- Overload protection

**SPECIAL FEATURES**
- Highly compact design
- Excellent ride comfort
- VVVF Speed regulation
- High efficiency
- Low energy consumption
- Low maintenance cost
- Hard Bronze gear
- Special Alloy worm wheel shaft
- High grade cost iron traction sheave with 180-220 BHN hardness
- Brake - Double active DC brake
- Motor - High starting torque with F Class insulation & V3F starting

**ELEVATOR TRACTION MACHINE UNIT**

**ELEVATOR DOOR SYSTEM**
- Adjustable door speed at site
- Durable door roller with low noise
- Door de-locking key in door frame
- Simple design for faster installation
- Door frame - integral part of the doors
CAR & LANDING OPERATION PANEL (COP / LOP)

The highly functional operating panel with push buttons & indicators offer attractive, clear & precise information indicators. Use common graphics.

- **Standard COP & LOP**
- **Braile COP & LOP** at extra cost

**Designer Fixtures** at extra cost
## Civil Dimensions / Schematic Diagram

### Manual Door

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<thead>
<tr>
<th>Persons</th>
<th>KG</th>
<th>CW</th>
<th>CD</th>
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### Automatic Door

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### Elevator Shaft Dimensions

- Minimum finished clear plumb dimensions

## Plan for Elevator Shaft & Machine Room

- All dimensions in mm

### Speed MPS

- 0.50 - 0.70
  - Overhead (OH): 4200 mm
  - Pit Depth (Pit): 1350 mm
- 1.00
  - Overhead (OH): 4300 mm
  - Pit Depth (Pit): 1600 mm
- 1.50
  - Overhead (OH): 4800 mm
  - Pit Depth (Pit): 1600 mm
- 2.00 - 2.50
  - Overhead (OH): 5200 mm
  - Pit Depth (Pit): 2600 mm
AUTOMATIC DOORS

BASIC SPECIFICATIONS

<table>
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<tr>
<th>DRIVE</th>
<th>AC V3F</th>
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<tr>
<td>CONTROL</td>
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<td>OPERATION</td>
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<td>DOOR</td>
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CENTER OPENING 2 PANELS

GLASS DOORS AT EXTRA COST

TELESCOPIC 2 PANELS
### Lift Design & Finishes

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<th>Standard</th>
<th>Options</th>
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<tr>
<td>Elevator Cabin</td>
<td>Mild Steel Power Coated (MSPC)</td>
<td>Stainless Steel - Hairline Finish</td>
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<tr>
<td>Handrail</td>
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<td>Stainless Steel - Mirror Finish</td>
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<td>False Ceiling</td>
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<td>Doors &amp; Frames</td>
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<td>Mirror</td>
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<td>On All 3 Sides</td>
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<td>Car Operating Panel (COP)</td>
<td>User Friendly Push Buttons Interface in Stainless Steel Face Plates with Digital Indicators</td>
<td>Many Designer COP &amp; LOP are Available</td>
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<td>Landing Operation (LOP)</td>
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<td>Flooring</td>
<td>Anti Skid PVC Mat</td>
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### Multi Beam Infrared Door Safety Sensor for Automatic Door

**Special Features**

- Micro Controller Based Embedded Technology
- Pulsed, Modulated & Scanned Logic
- Crisscross Beam Pattern
- Extensive Fault Diagnosis
- Inbuilt Surge & Spike Protection
- Extremely Rugged

**Most Advanced Sensor**

**Door Safety at its Best**
ELEVATOR CABIN DESIGNS

MS POWDER COATED

COLOR OPTIONS

* FOR INDICATION ONLY
ACTUAL COLORS MAY VARY

STAINLESS STEEL AT EXTRA COST

DESIGNER CABIN AT EXTRA COST
ॐ गायत्री मन्त्र

ॐ गायत्री 
भूपुर्वः स्वः ।
तसंवितर्बनिधिः भगवं देवस्य थीमहि।
धियो यो न: प्रचोदयात् ॥

तूने हमें उपन किया, पालन कर रहा है तू ।
तुझसे ही पाते प्राण हम, दुःखियों के कष्ट हरता है तू ।
तेरा महान तेज है, छाया हुआ सभी स्थान ।
सृष्टि की वस्तु-वस्तु में, तू हो रहा है विद्यमान ।
तेरा ही धरते प्रयान हम, मागते तेरी दया ।
ईश्वर हमारी बुद्धि को, श्रेष्ठ मार्ग पर चला ।
दाता हमारी बुद्धि को, सत्य मार्ग पर चला ।

HEAD OFFICE

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URL : www.apexelevators.com, E-mail : sales@apexelevators.com

SERVICE CENTERS
PANIPAT, CHANDIGARH, LUDHIANA, JALANDHAR, PATHANKOT, JAMMU, SOLAN, SHIMLA,
GURGOAN, FARIDABAD, GHAZIABAD, NOIDA, VRINDAVAN, LUCKNOW, VARANASI,
DEHRAUDUN, HARIDWAR, KASHIPUR, RUDRAPUR, BHOPAL, JAIPUR, BIKANER

सर्वे भवनु सुखिनः: सर्वे सन्तु निरामयः ।
सर्वे भद्राणि फलवनु मा कशिच्च दुःखभाग्वते ॥

Apex Reserve The Right To Change Or Modify Any Dimension/Design Without Prior Notice