



Bharat Elevators & Engineers Pvt. Ltd.

An ISO 9001 : 2008 & 14001 : 2004 Certified Company



22, Strand Road, 1st Floor, Kolkata-700 001 ♦ Phone : 2231-5324, 2231-5325
Fax : 91-033-2210-8638 ♦ e-mail : bharatelevator@yahoo.co.in



PANORAMIC ELEVATOR



TELESCOPIC MANUAL



LUXURY CUSTOMISED ELEVATOR



SWING DOOR ELEVATOR



HIGH RISE CAPSULE



HOSPITAL LIFTS



THE COMPANY - AN OVERVIEW

- Bharat Elevators & Engineers Pvt. Ltd. (BEEL) today is one of the most reliable, respectable and sought after name in the area of manufacturing and marketing of elevators for transportation of Passengers and Goods as well.
- BEEL, in a short span of 10 years, has carved a significant niche in this field with sound engineering and manufacturing back up of its parent company M/s. Annapurna Engineering & Manufacturing Private Limited (AEM), a company with valued and rich experience of 36 years.
- Both M/s. BEEL & M/s AEM have been accredited with ISO 9001 : 2008 & ISO 14001:2004 for their continued outstanding performance and excellence.
- BEEL is now synonymous with Reliability, Sincerity, Commitment, High Quality, State of the Art Technology, Uncompromising Safety, Fair Price which have been stemmed out of their rich Ethics and Philosophy.
- BEEL now offers one stop solution to all your needs, conventional or customized, related to vertical transportation.
- In response to the call of the day, we are now manufacturing **GREEN ELEVATORS** with built-in V3F drive.

INFRASTRUCTURAL FACILITIES :

LAND = **3.54 ACRES** = **14,326.026 SQ. MTRS.** = **1,54,205.064 SQ. FT.**

FACTORY SHED : = 1903.84 SQ. MTRS. = 20,493 SQ. FT.

TOTAL COVERED AREA : **2632.57 SQ. MTRS.** = 28,337 SQ. FT.

MODERN PLANT & MACHINERY

LATEST IN THE MARKET.

INTELLECTUAL PROPERTY :

ADEQUATELY QUALIFIED , TRAINED AND EFFICIENT WORK FORCE TO MANAGE & HANDLE DESIGN , MANUFACTURE ; MARKETING ; PURCHASE ; QUALITY CONTROL ; ERECTION , COMMISSIONING , MAINTENANCE & SERVICE ; DEVELOPMENT.

CROWNING GLORY OF THE MODERN TIMES

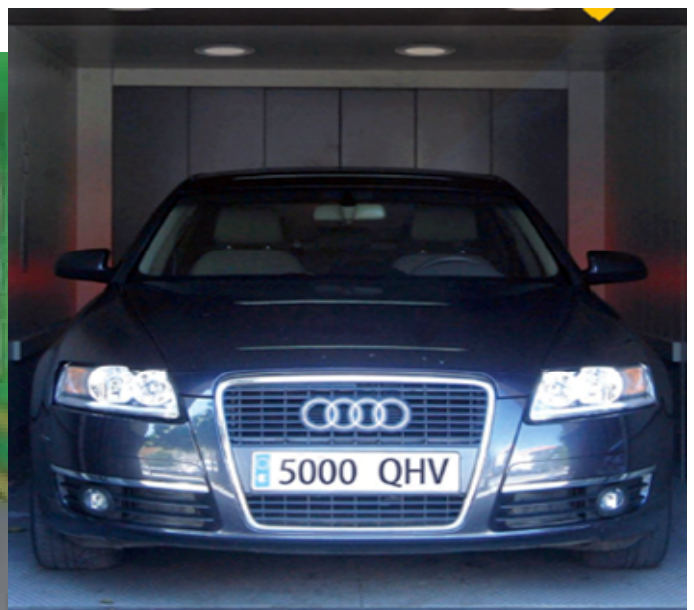
Service Lifts



Vertical transport applications for loads accompanied by persons, for highly practical use in the industrial and services sectors (palletised loads, supermarket trolleys, hospital bed lifts)



Car Lifts used to transport vehicles with or without passengers, complying with all the requirements



Range of our Products :

Passenger Lift	4 to 26 Passengers
Bed Lift	15 to 26 Passengers
Goods Lift	200 to 6000 Kgs.
Capsule Lift / Glass Lift	As per customer requirement

IN PURSUIT OF EXCELLENCE

The Purpose of Bharat is to serve the needs of the customers by providing products & services of superior quality at a fair price. In the coming years Bharat will try constantly to improve its service through new technology & implementing modern management techniques.

WE BELIEVE IN THE FACT THAT IF THERE IS NO SCOPE FOR ADVANCEMENT IN OUR FIELD OF WORK , WE ARE INEFFICIENT AND DO NOT DESERVE TO CONTINUE . WE RELENTLESSLY THRIVE FOR IMPROVEMENT .

WE ARE ISO 9001 : 2008 & 14001:2004 CERTIFIED COMPANY

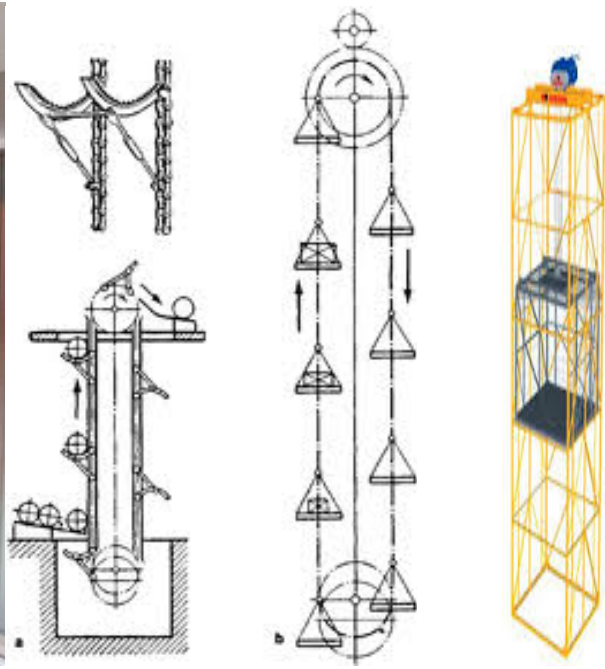
Features :

- **Single speed standard / non-standard manual gate.**
- **Variable speed (AC/V3F) with or without auto door drive - GEARED [FROM 0.315 TO 1.5 mps] & GEARLESS [1 mps AND ABOVE]**
- **MACHINE Room Less [MRL]**

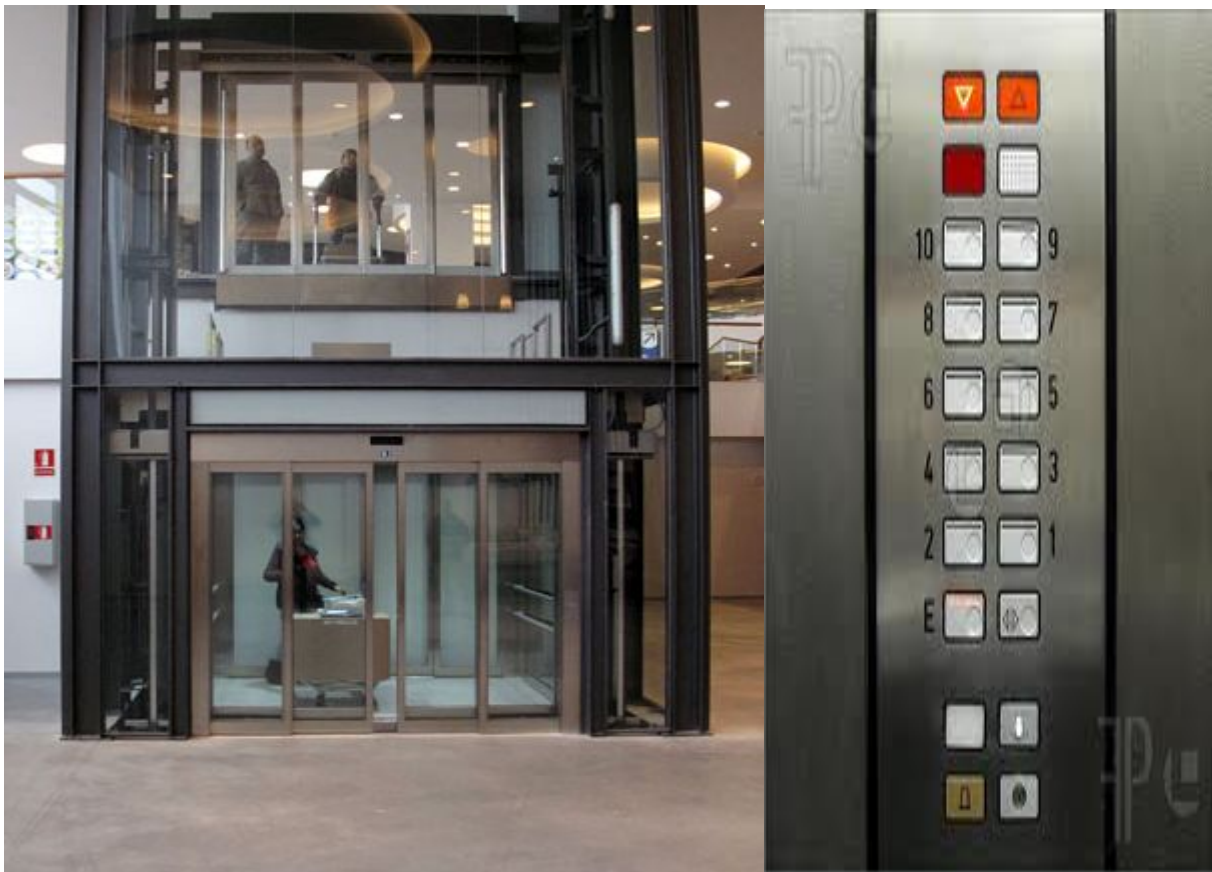
INGREDIENTS OF OUR SUCCESS :

- ▣ **Offering innovative, reliable and technically competent products at competitive prices.**
- ▣ **Meeting the customers' changing expectations & need consistently.**
- ▣ **Making planned improvement in the quality of products & after sales service.**
- ▣ **Making the vendors ; partners in our business & progress.**
- ▣ **Being continually cost effective in all operations.**
- ▣ **Providing need based training to all the employees at all levels.**
- ▣ **Adopting efficient manufacturing process & practices.**

Mini loads and Service Platforms



Lifts intended for transporting smaller loads in the industrial, commercial or catering sectors. Not for use by persons, but especially intended for the fluid vertical transport of small loads and materials.

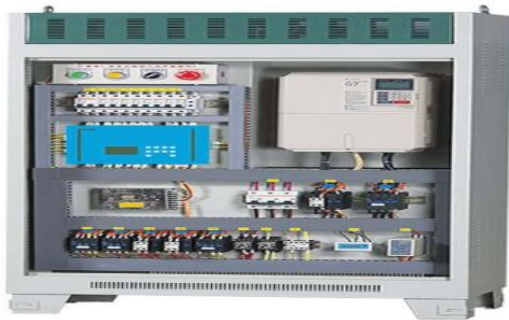


CAR OPERATING PANEL

SPIN OFF DEVELOPMENT ENCOURAGED BY DIVERSIFYING CEREBRATIONS

ADVANTAGES OF USING V3F IN ELEVATOR :

- ▀ “S” Curve speed pattern for complete elimination of starting & stopping jerks.
- ▀ In built dynamic braking increase operational safety level.
- ▀ Improved leveling accuracy.
- ▀ Lower Energy consumption.
- ▀ Reduced mechanical wear & tear.
- ▀ Automatic compensation of load in the car.
- ▀ Maximizes operational efficiency & improves power factor.



CONTROL PANEL WITH V3F DRIVE



LIFT DISPLAY PANELS



CONTROL PANEL

Packages Co-branded modernisation solution - Modernisation for Manuel as well as automatic door elevators

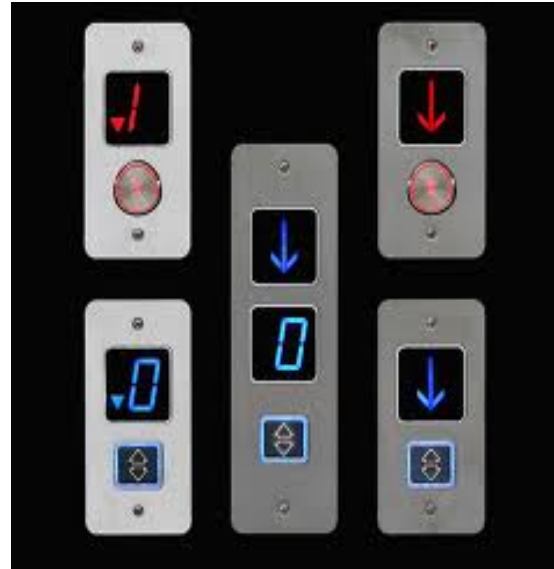
SALIENT FEATURES OF OUR CONTROL SYSTEM :

- ▀ Microprocessor based state of the art Design reliability & flexibility.
- ▀ Highly noise immune circuit design & stable regulated power supply backing to suit all type power condition.
- ▀ Appropriate placement of card & components. simplified wiring fastens installation & maintenance.
- ▀ Digital position Indicator and other LED indications in the control panel for car operating monitoring.
- ▀ Call registration light output for hall call & car calls.
- ▀ Auto mode / attendant mode operation.
- ▀ Fireman switch operation.
- ▀ Output for V3F & auto door.
- ▀ Fully inspection mode operation for erection & Maintenance.
- ▀ Digital filter program to avoid malfunctioning of the car by unwanted signals.

EVOLUTION

Stair Climbers and Lifts for the disabled

UP-GRADATION

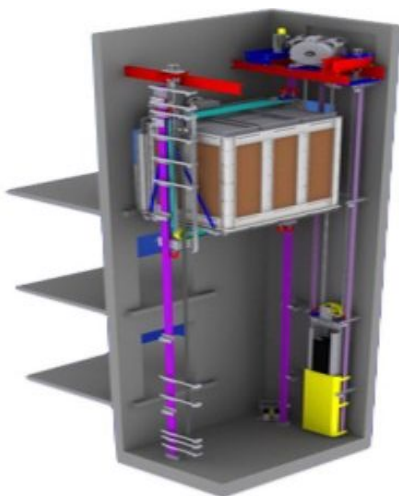


Stair climbers and wheelchair or seat lifts are intended for the vertical transport of people with reduced mobility, offering optimum solutions for doing away with architectural barriers in existing buildings.



Machine Room Less Elevator Solutions –
Complete control system solution for
machine room less application

FREIGHT ELEVATOR



AUTOMATIC RESCUE DEVICE [ARD] & EMERGENCY RESCUE DEVICE [ERD] :

Trapped passengers in an elevator in case of a power outage are rescued by ARD/ERD. In the event of power failure during normal operation an elevator may stop in between floors & moves it to the nearest floor in the most economical direction (least current direction) and completes the rescue by opening of the doors at the floor level.

MODE OF OPERATION IN OUR ELEVATORS :

Down Collective

Full Collective

Single automatic push button operation

OUR PARTNERS [VENDORS] IN MANUFACTURE / PRODUCTION

MOTORS : HAVELS / KIRLOSKER / BHARAT BIJLEE
GEARS : PREMIUM [FORMERLY GREAVES] / ALLEN BERRY
CONTROL PANEL : ASSEMBLED IN-HOUSE
CARRIAGE WAY ROPE : USHA MARTIN



After Sales Services & AMC

LIFTS / ELEVATORS ERECTED &
COMMISSIONED BY US ARE OUR BABY TO NURTURE AND SERVE OUR CLIENTS TO THEIR
UTMOST SATISFACTION.

CUSTOMER PROFILE

STEEL PLANTS : DSP , BSP , RSP & NALCO ————— UPTO 6 TON CAPACITY GOODS LIFT

RAILWAYS ; ASANSOL [**HOSPITAL**] , RAIRAKHOL, SAMBALPUR [**PASSENGER LIFT**]

PORT TRUST : CENTINAR HOSPITAL , MAJERHAT

APWD [**ANDAMAN**] ; DOEACC , AIZAWAL , SIKKIM : RICE VALLEY RESIDENCY ,
HOTEL SIDLON PALACE

WEST BENGAL : STATE GOVT. HOSPITALS [**SSKM** , **DR. B N BOSE** , **DR. R.AHMED DENTAL** . NATIONAL MEDICAL , **NRS** , **IMAMBARA** , **CHINSURA** , **DIST. HOSPITAL [SILIGURI]** , **BIDHAN SABHA** , **CIRCUIT HOUSE** , GUEST HOUSES , NEW SECRETARIAT BLDG. , CITY CIVIL COURT , MOHAN MOTORS – CHAIN DRIVE CAR LIFT , EMAMI PAPER , TANNERY , HERO HONDA , UNION BANK , BENGAL SHRISHTI , SRACHI , FORTUNE , SHELTER , GILLANDER HOUSE , ARAMBAG MUNICIPALITY , DISHA EYE HOSPITAL , AAJKAAL PUBLISHERS , ITC , JADAVPUR UNIVERSITY , BIAH [BANKURA] , BIG BAZAR [HALDIA] , ENGINEERS' INSTITUTE , **HNGL** [RISHRA], **PRIVATE PROMOTERS / BUILDERS** IN : KOLKATA , JALPAIGURI , SILIGURI , PURULIA , DURGAPUR , BERHAMPUR , ASANSOL , MEDINIPUR , RAJARHAT , HOWRAH , KHARAGPUR , MALDA , HOOGHLY , 24 PARGANAS [NORTH & SOUTH] , NADIA , BIRBHUM , COOCH BIHAR , RAIGANJ , BARDHAMAN ,

ODISSA : STATE MUSEUM , SECRETARIAT BLDG. , **HIGH COURT** , **NALCO** [UPTO 6 TON CAPACITY **CARGO**] , NURSING HOMES , HOTELS , SUPER MARKET , EMAMI PAPER , OM OIL

ADMIN. BLDG. **BUILDERS/PROMOTERS** IN PURI , ROURKELA , BHUBANESWAR , CUTTACK ,
BALASORE , BAHARAMPUR ,

JHARKHAND : RANCHI : JUDGES' GUEST HOUSE , MECON , XAVIER INSTITUTE ,
BUILDERS/PROMOTERS IN DHANBAD , PAKUR , HAZARIBAGH

ANDHRA PRADESH : BHEL [[HYDERABAD](#)]

TYPES / CATEGORIES OF LIFT / ELEVATORS / CRANES SUPPLIED TO CUSTOMERS

PASSENGER LIFTS - UPTO 26 PASSENGERS & G+ 12

HOSPITAL LIFT - FROM 15 TO 26 [**BED CUM PASSENGER**]

CAPSULE TYPE LIFT - 6 PASSENGER & G+5

GOODS/CARGO LIFTS - UPTO 6 TONS & 42 MTRS. HEIGHT

CHAIN DRIVE CAR LIFT **WOODEN/MS/SS CABIN** [**HAIR LINE**]

COLLAPSIBLE / SWING DOOR / TELESCOPIC AUTO DOOR / CENTRE OPENING AUTO DOOR

COMBINED MACHINE / CONVENTIONAL FRAME WITH MOTOR & GEAR

TOP OR FOOT BASED MACHINE ROOM

MACHINE ROOM LESS [**MRL**]

CONTROLLER WITH OR WITHOUT V3F / AUTOMATIC RESCUE DEVICE [**ARD / ERD**]

OPTIONAL OPERATION : Single automatic push button operation Down Collective **Full Collective**

20 TON CAPACITY E.O.T CRANE

10 TON CAPACITY H.O.T CRANE

STRUCTURAL LIFT

YOU NEED : WE DELIVER : HELP US : TO SERVE YOU.



H
O
S
P
I
T
A
L

I
N
D
U
S
T
R
Y

H
O
M
E



EVOLVING DIMENSIONS

CONTRIBUTING FEATURES IN THE DEVELOPING SCENARIO

Audio Video Interface

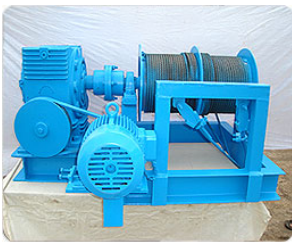
Safety & Comfort

Human Interface

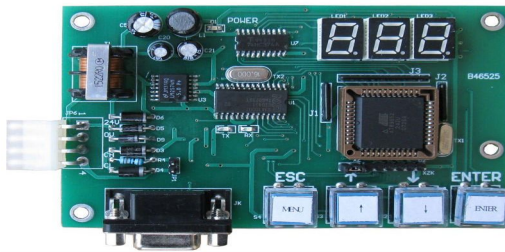
Innovation

Elevators are economic and safe solution for various problems of vertical transportation. Just like a conventional elevator, these lifting devices enable you to move from a point A to a point B with a minimal effort. It will enable you to reach places which were formerly impossible for you. Moreover, their use provides you with several advantages :

- REDUCTION OF THE RISKS OF ACCIDENTS
 - INCREASE IN THE PRODUCTIVITY AND IN EFFICIENCY
- SIMPLIFICATION OF THE TRANSPORT
 - FASTER TRANSPORT
 - LESS RISK OF GOODS DAMAGE DURING THE TRANSPORTATION
 - PROTECTION FROM DUST AND WATER .



MOTOR - GEAR – ROPE



MOTHER CARD

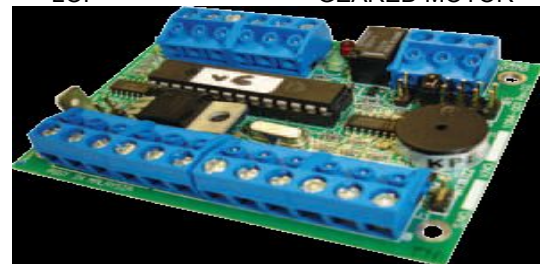
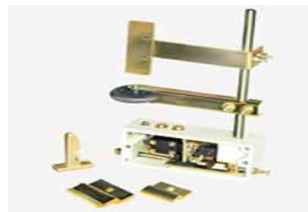


LOP



GEARED MOTOR

MOTOR BASE FRAME



DOOR CONTROLLER



ROPE



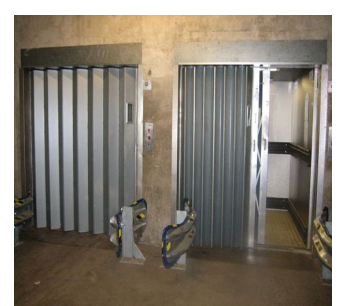
CABIN



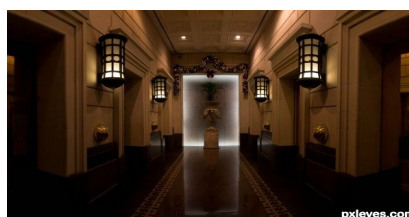
LIGHTING



Centre operating Auto door



DOORS



SAFETY LOCK

LIFT LOGIC CONTROLLER

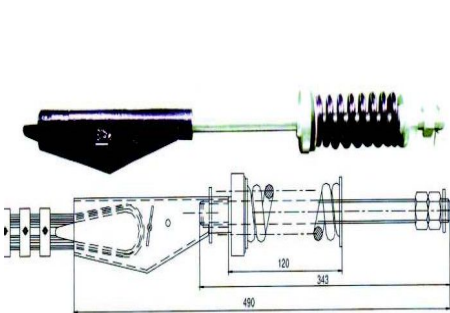


ACCESSORIES

BRIGHTENING OUR FUTUR



Rope Fastening



LED ROUND CEILING PANEL LIGHTS



AUTO DOOR CONTROLLER

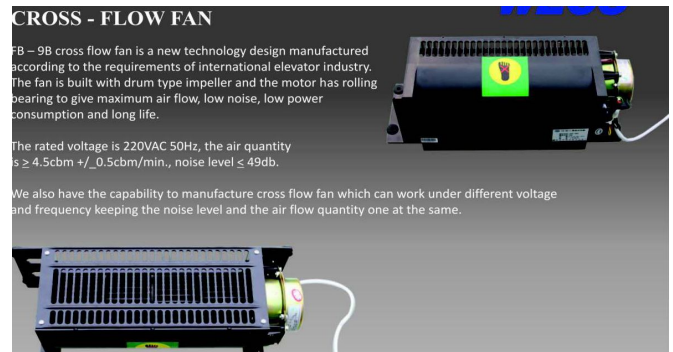


CROSS - FLOW FAN

FB - 9B cross flow fan is a new technology design manufactured according to the requirements of international elevator industry. The fan is built with drum type impeller and the motor has rolling bearing to give maximum air flow, low noise, low power consumption and long life.

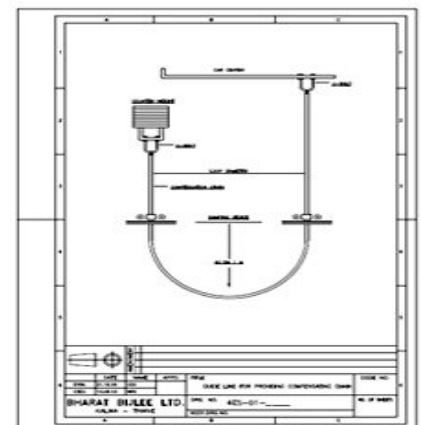
The rated voltage is 220VAC 50Hz, the air quantity is $\geq 4.5\text{cbm} \pm 0.5\text{cbm}/\text{min}$, noise level $\leq 49\text{db}$.

We also have the capability to manufacture cross flow fan which can work under different voltage and frequency keeping the noise level and the air flow quantity one at the same.



New Generation Gearless Machine

Compensating Chain





**DEDICATED
TO
QUALITY,
TIMELINE
&
CONTINUITY**



GLIMPSES OF BHARAT

SWING DOOR TAKES UP LOT OF LOBBY SPACE WHILE OPENING AND ALSO CAUSE EFFORTS FROM THE PASSENGER TO GET INTO THE LIFT, ACCORDION DOORS OPENS WITH ONE FINGER AND USES ZERO LOBBY SPACE GIVING YOU MAXIMUM CLEAR OPENING AND MAKES IT EFFORTLESS FOR PASSENGERS TO GET INTO THE LIFT.

ACCORDION DOORS	VS	SWING DOORS
		
SAVES SPACE AND GIVES BIGGER CLEAR OPENING		TAKES SPACE AND GIVES SMALL CLEAR OPENING
SMOOTH, NO NOISE ON WORKING		TAKES EFFORTS AND MAKES NOISE ON WORKING
MAINTENANCE FREE AND LONG DURABILITY		NEEDS MAINTENANCE AND SHORT TERM DURABILITY
MODERN DESIGN		OLD DESIGN

CONTACT US AT :

BHARAT ELEVATORS & ENGINEERS PVT. LTD.

Head Office : 22 Strand Road (1st Floor) , Kolkata -700 001

Phone : 91 033 2231 5324 / 5325 Fax : 91 033 2210 8638

e-Mail : bharatelevator@yahoo.co.in

website : bharatelevator.com

Factory : VILLAGE & POST OFFICE : RAJHAT , DAKSHIN PARA MATH
[ON DELHI ROAD] , POLICE STATION : POLBA [NEAR BANDEL]
WEST BENGAL – 712 123

Ranchi Office : **S.B. Complex, Main Road, Hinoo, Ranchi - 834002**

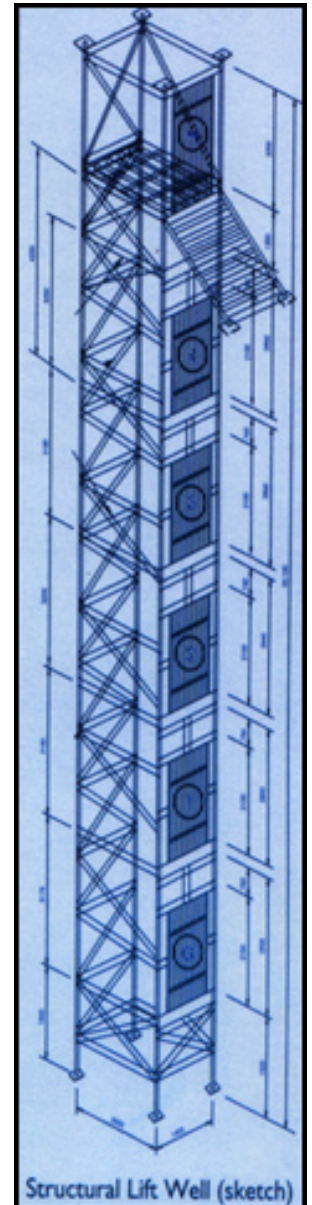
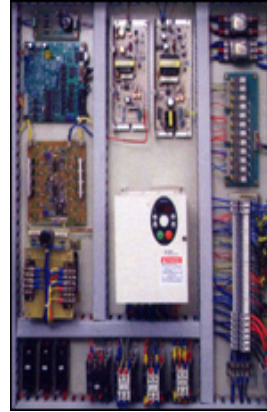
Phone : 0 - 92300 – 53119 0 / 09661164754

Bhubaneswar Office : **H.P.12, Laxmisagar [BDA colony] , Bhubaneswar-751006**

Phone : 0-6742573873 / 91 99038 01848 / 91 97760 80730 /
91 99379 32626 / 0 - 92300 – 53120

Durgapur Office : 2A/2 , MAXMULLAR PATH , CITY CENTRE , DURGAPUR – 713 216

Phone : 9230500655 / 9230580062



MIRROR FINISHED SS SHEET

WITH ENQUIRY , FURNISH THE FOLLOWING OR CONTACT US :

Company Name :

S.NO: **Technical Specification** for seeking quotation

1 Type of Lift : Passenger / Goods/ Structure Car lift / Dumbwaiter / Stair / Platform

2 Drive : Traction / Hydraulic / MRL / Bottom-Machine /Side Bottom machine

3 No. of Stops = G + ____ =

4 Passenger : 4 / 5 / 6 / 8 / 10 / _____

5 Load : 272 / 340 / 408 / 544 / 680/____ Kg
150/200/500/1000/1500/2000/2500kg/____kg

6 Speed : 0.63 mt/sec / 1.0mt/sec / ____mt/sec Single / variable--V3F drive.

7 Type of Landing Door : M.S.Collapsible / Swing / IFB / Telescopic /Center opening / Vertical By parting /

8 Type of Car Door : M.S.Collapsible / IFB / Telescopic /Center opening / Vertical By parting /

9 Door Operation : Manual / Auto

10 Door Material : M.S.P.C./S.S./other Specify_____

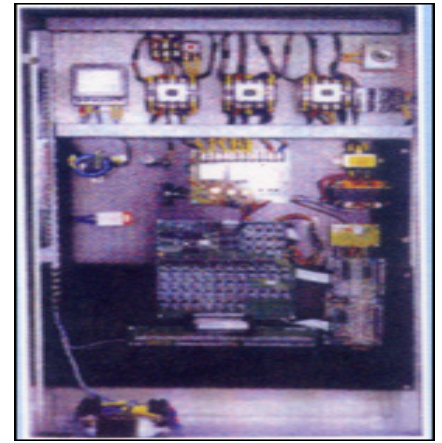
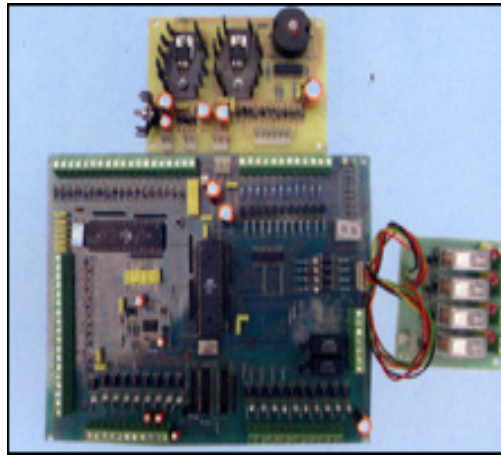
11 Lift Cage : M.S.P.C./S.S./other Specify_____

12 Floor Designation : B/G/M/123...T specify_____

Special : Insist on Lift-Duty



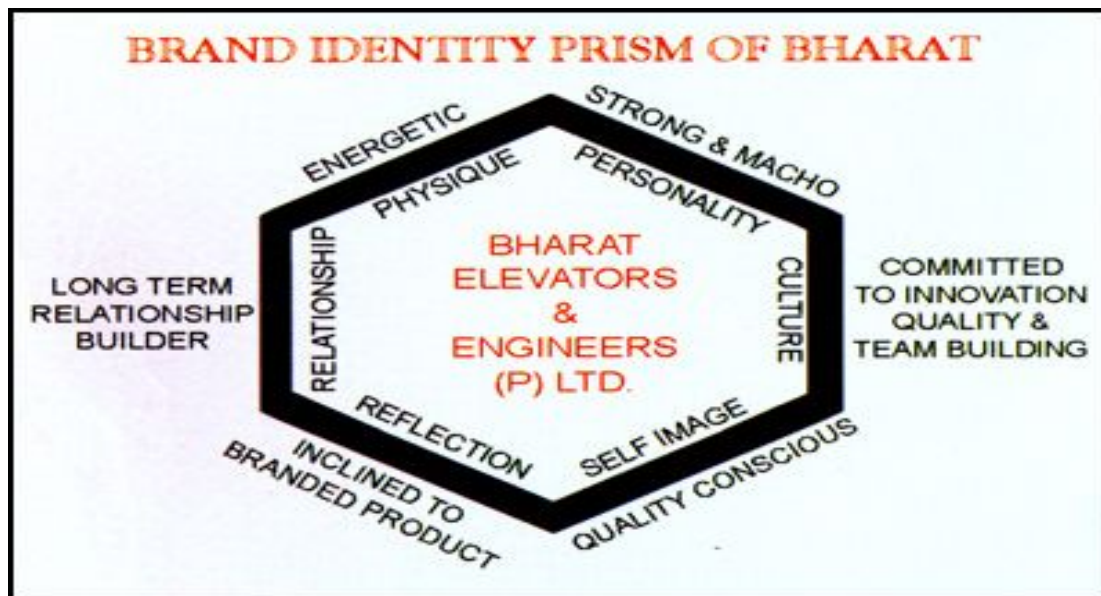
Chain Drive Freight Elevator



Machine Assembly Section



Single Touch Pick Up For Improving Efficiency



Bharat's Mission

