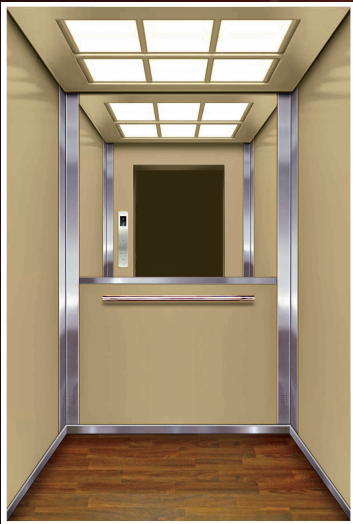
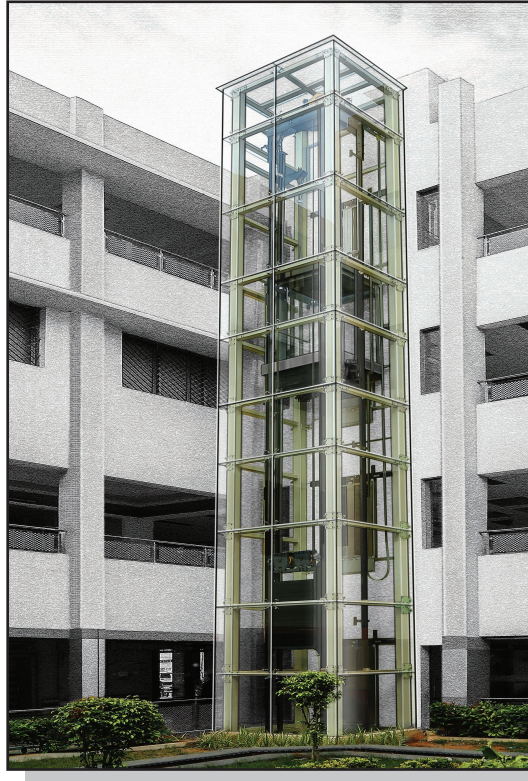


Passenger Elevators



Cooper Elevators™

Lifts for multi-storied apartments
and commercial buildings



With best-in-industry ride-quality, safety and durability through the best in international technology and engineering, Cooper Elevators is your natural partner of choice for the finest designs & impeccable installations.

With over a decade of quality experience in manufacturing, installation and commissioning of world-class elevators, the company is Head Quartered in Chennai with operations in Bengaluru, Vijayawada, Coimbatore & Trichy with expansion into Pune, Mysore & Hyderabad on the cards in the near future.

Cooper Elevators' strong in-house fabrication and assembly facilities include state-of-the-art infrastructure and high quality design facilities. Our 12,000 sqft facility seamlessly integrates manufacturing, R&D and ware house under one roof.

With rock solid credibility built over thousands of high quality installations for prestigious clients, Cooper Elevators offers an unmatched range of products, accessories and one year of free maintenance on every installation.

Our USP is Quality, Delivery & Service.

Whatever the size, application or technical constraints in your project, Cooper Elevators has the perfect solution for you !

SOME OF OUR IMPRESSED CUSTOMERS

Ceebros, S&S Foundation, K.G. Foundation, Russel Foundation, AKM Rigid Developer, Vishwakarma, Harmony Homes, Harini Builders, C.R.Raju Architects, P.S.P. Architects, M.G.R. University, Absolute Barbeque, Adyar Ananda Bahwan, Tanishq, Rasi Silks ... to mention a few.

FORM 'F'
(See Rules 4(2) and 5(2) and 6 of the Tamil Nadu Lifts Rules, 1997)
GOVERNMENT OF TAMILNADU
LICENSE TO WORK A LIFT

(This licence is not transferable or assignable to any person, company, body of individuals or firm. This licence is to be renewed annually and must be produced to the Licensing Authority when called for)

Registered No: 2574/EIC/North/Lift/2011 **Dated 06.01.2012**

Under Sub-Section (3) of section 5 of the Tamil Nadu Lifts Act, 1997 (Tamil Nadu Act 35 of 1997),

Dr. J. JAYALALITHAA,
are hereby granted licence to work or cause to be worked or allow the working of the Lift erected and inspected on 05.01.2012 at the premises **Vidha Bhavan, Poon Gardens, Chennai - 600 086**. Subject to the provisions of the Tamil Nadu Lifts Act, 1997 and the Tamil Nadu Lifts Rules, 1997 the particulars of which are given below:-

The licence shall remain valid from 05.01.2012 to 04.01.2013 and is issued subject to the conditions set out on the below:

| PARTICULARS | |
|---------------------------------|--------------------------------------|
| (i) Make of Lift and Serial No. | KANNAN LIFTS PRIVATE LTD., SLNo. 661 |
| (ii) Type of Lift | Hydraulic Passenger |
| (iii) Type of Control | Down Collective Control |
| (iv) Capacity | 06 Persons/400kg. |

Date: 05.01.2012

| Date of Renewal (1) | Date of Expiry (2) | Signature of the Officer Renewing the Licence (3) |
|---------------------|--------------------|---|
| | | |
| | | |
| | | |

V. Kalispermal
Inspector of Lifts
ELECTRICAL MAINTENANCE DEPARTMENT
Chennai - 600 009

CEEBROS HOTELS PRIVATE LIMITED **CEEBROS**

February 24, 2017

To,
**The Managing Director,
Cooper Elevators India Private Limited,
Porur, Chennai**

Dear Sir,

Subject: Elevator Installation at our Project Ceebros Hotel Pvt Ltd.

This is to place on record our appreciation for the excellent work done in the installation of a 6 Passenger Hydraulic elevator at our project.

You have been our regular supplier for many projects. You have always been conscious about the quality of the materials supplied and also have been extremely responsive in your servicing the elevators during maintenance phase.

This appreciation is specifically for elevator installed at Ceebros. The interiors of the elevator are great and the experience awesome. It has come in for praise from many customers and users. Thank you for the sincerity in delivering a great product.

Look forward to working with you in the future.

Yours Faithfully
For **Ceebros Hotels Private Limited**,

R.V.Sundar
General Manager

Regd. Office : "SUKRITI" 19/1, III Cross Street, Rajiv Annamalaiapuram, Chennai - 600 028. Ph : 044-24321818 / 24321919
Fax : 044-24348432. E-mail : ceebros@ceebros.com / mail@ceebros.com. CIN : U55101TN1993FC025037

Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE UNIVERSITY
Madaravoyal, Chennai - 600 095, Tamilnadu, India

Madaravoyal
Date : 26.10.2016

This is certify that M/s Cooper Elevators India Pvt Ltd is very prompt in executing lift erection work in time and especially their after sales service is excellent. Their quality of materials used in erection of lift is upto norms and standards.

V. Kalispermal
26/10/16
Director/Electrical Maintenance Department

The Director
ELECTRICAL MAINTENANCE SECTION
Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE
University
Porur, E.M.C. High Road, (NH 4 Highway)
Madaravoyal, Chennai - 600 095.

harmony HARMONY RESIDENCES PRIVATE LIMITED
homes with style

8th March 2016

To,
**Mr. Joseph Kannan,
Cooper Elevators,
Porur,
Chennai.**

Dear Sir,

Subject: Elevator Installation at our Project Harmony Ananya

This is to record our appreciation for the excellent work done in the installation of a 8 passenger elevator at our project Harmony Ananya in K.K. Nagar.

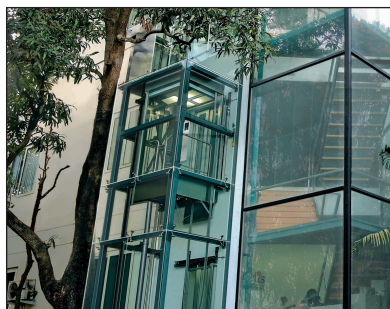
You have been our regular supplier for many projects. You have always been conscious about the quality of the materials supplied and also have been extremely responsive in your servicing the elevators during maintenance phase.

This appreciation is specifically for elevator installed at Harmony Ananya. The interiors of the elevator are great and the experience awesome. It has come in for praise from many customers and users. Thank you for the sincerity in delivering a great product.

Look forward to working with you in the future.

Very Truly Yours,
For **Harmony Residences Pvt Ltd.**

S. Ramakrishnan
(S. Ramakrishnan)
Director



Automatic Lift - S.S Door



Door Options

With a variety of standard and optional doors to choose from, select the door that fits best with your home.

With adjustable torque compensation function, smooth action of door opening / closing ensures safety of passenger coming in and going out of elevator. Among the curve parameter group of door opening and closing, relevant parameters of 6 period-speed frequency and acceleration / deceleration etc. can be modified to optimize the operation curve of door motors for stable operation of elevator doors, reduction of noise and maintenance cost. With self-learning function of door / width parameters which ensures better precise operation of elevator door system.

Featured Automatic Door Models



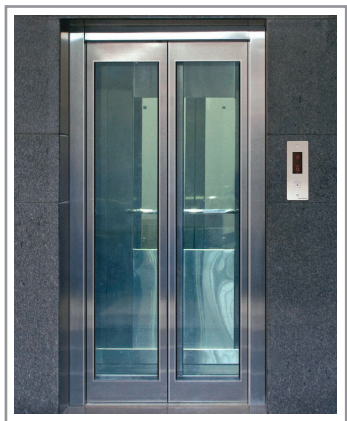
1 Stainless Steel
Door with Grid Vision



2 Stainless Steel Door
with Small Vision Panel



3 Stainless Steel Half Framed
Glass Door (Big Vision)



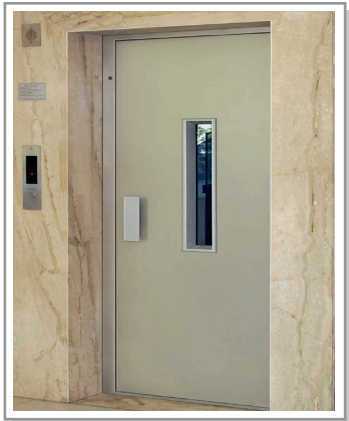
4 Stainless Steel Fully Framed
Glass Door (Big Vision)

Automatic Lift - M.S Powder Coated Door

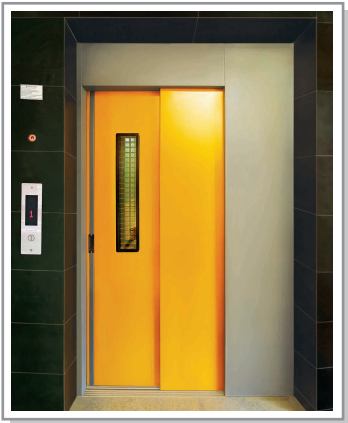


With adjustable torque compensation function, smooth action of door opening / closing ensures safety of passenger coming in and going out of elevator.

Featured Manual Door Models



5 M.S Powder-coated Swing Door with Small Vision



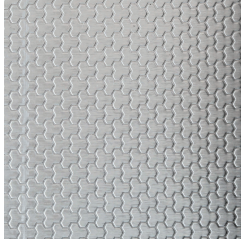
6 M.S Powder-coated Manual Telescopic Door with Small Vision Panel





Designer Lift Cabins

Designer Gold / Silver, 304 Grade



Honeycomb Silver



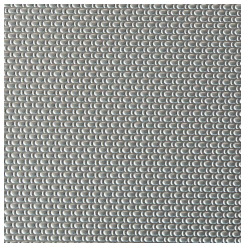
Maple Gold



Polka Silver



Splendor Gold



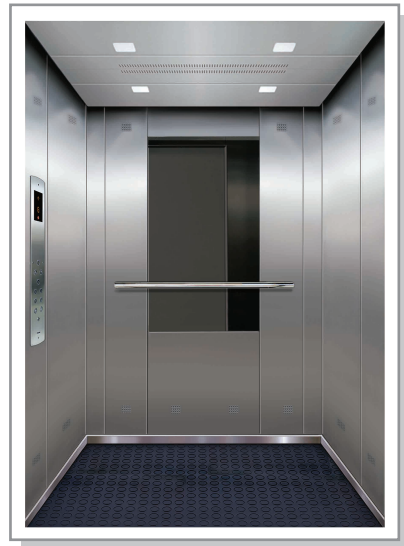
Linen Silver



Egyptian Gold



Gold



Custom raised Panel Cabs

Your home is a reflection of your personal style. Our custom raised panel cabs allows you to select the fixtures and accessories including glass or mirrors to create a design uniquely your own.

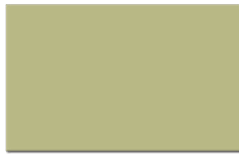


M.S. Pre-coated Wooden Finish Designer Lift Cabin

M.S Powder-coated Designer Lift Cabin



Stone Yellow Powder Coated



Green Powder Coated



Light Gray Powder Coated



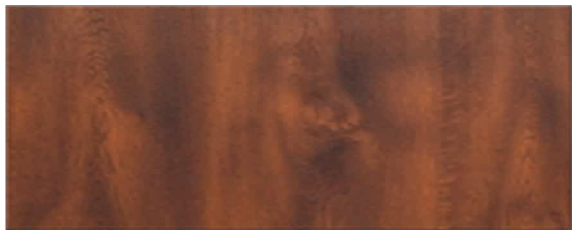
Yellow Powder Coated



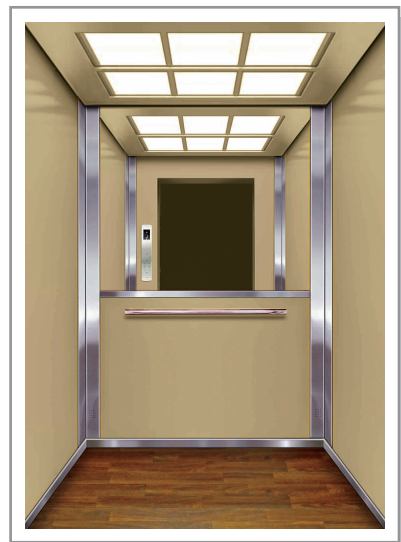
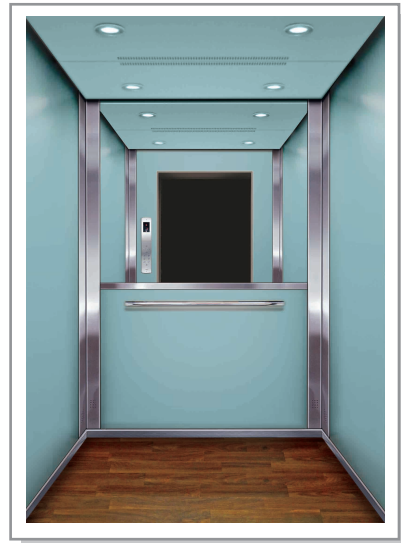
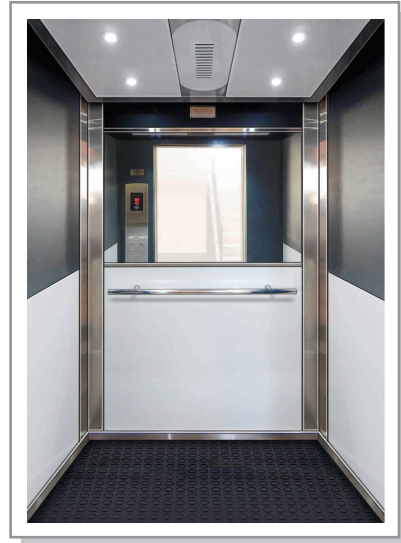
Light Blue Powder Coated



PVC Precoated Steel Gray



PVC Precoated Steel Wood



Far more flexible than "up" and "down"

There's so much more to choose from. In-line MRL systems, custom car sizes, a variety of aesthetic options - plus an ingenious design which allows for custom installations. If you have an idea for your LIFT that don't see in the brochure, just ask!



Fall - Ceilings (Options)



1



2



3



4.SS



5



6.SS

It is available in sizes that carry from six to ten passengers.

An advance traction system provides a rapid and efficient response to service demand while providing an exceptionally smooth and quiet ride.

This is the ideal choice for low rise building and cost-effective solution for commercial buildings.



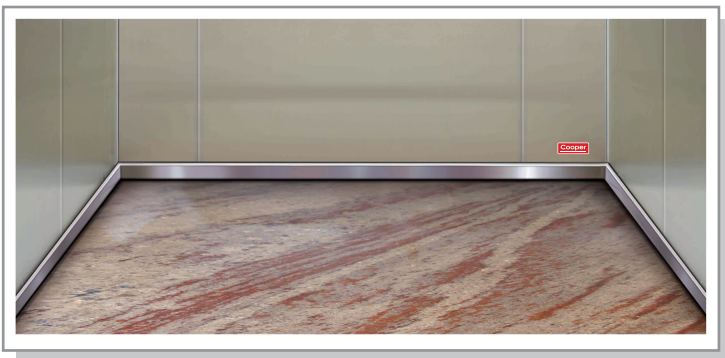
Lift Flooring (Options)



1 Anti skid
Chequered flooring



2 Anti skid
PVC flooring



3 Marble flooring



4 Woodern flooring

Landing Signalisation



Face Plate 3mm Thick



Face Plate 3mm Thick



Face Plate 3mm Thick

Hall Buttons & Indicator Buttons (Option)



EB 410



EB 420



EB 210

Car Signalisation



LCD Display
Micro push Button



Dotmatrix
Scrolling- Red/Orange



Touch Button
LCD Display



EB 410



EB 210



EB 960

| 4 Passenger (272 Kg) Cabin Size | | | | | |
|--|------------------|------------------|-------------------|-------------------|---------------------|
| No | Car Width | Car Depth | Well Width | Well Depth | Door Opening |
| 1 | 1100 | 700 | 1750 | 1300 | 700/800 |
| 2 | 950 | 850 | 1400 | 1500 | 700 |

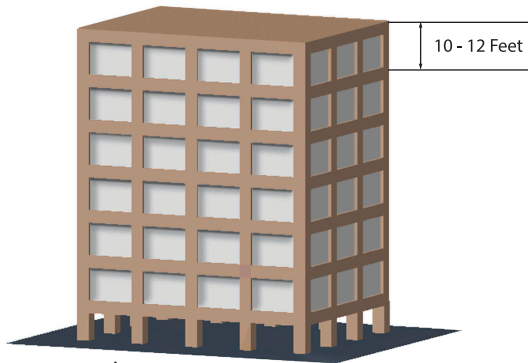
| 5 Passenger (340 Kg) Cabin Size | | | | | |
|--|------------------|------------------|-------------------|-------------------|---------------------|
| No | Car Width | Car Depth | Well Width | Well Depth | Door Opening |
| 1 | 1000 | 1000 | 1600 | 1400 | 700 |
| 2 | 1200 | 800 | 2000 | 1300 | 700/800 |
| 3 | 800 | 1200 | 1500 | 2000 | 700 |
| 4 | 1100 | 900 | 1800 | 1500 | 700/800 |

| 6 Passenger (408 Kg) Cabin Size | | | | | |
|--|------------------|------------------|-------------------|-------------------|---------------------|
| No | Car Width | Car Depth | Well Width | Well Depth | Door Opening |
| 1 | 1100 | 1000 | 1800 | 1600 | 700/800 |
| 2 | 1000 | 1100 | 1700 | 1800 | 700 |
| 3 | 1200 | 900 | 1800 | 1500 | 700/800 |
| 4 | 900 | 1200 | 1600 | 1800 | 700 |

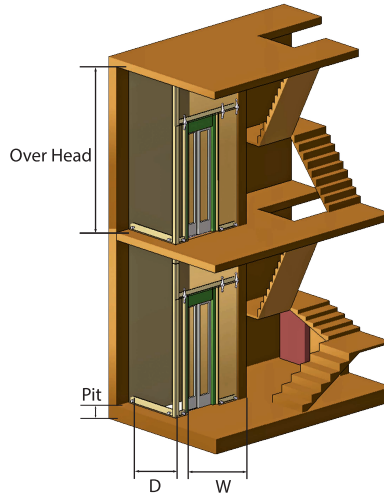
| 8 Passenger (544 Kg) Cabin Size | | | | | |
|--|------------------|------------------|-------------------|-------------------|---------------------|
| No | Car Width | Car Depth | Well Width | Well Depth | Door Opening |
| 1 | 1300 | 1100 | 1800 | 1600 | 700/800 |
| 2 | 1100 | 1300 | 1700 | 1900 | 700 |
| 3 | 1200 | 1200 | 1800 | 1800 | 700/800 |
| 4 | 1400 | 1000 | 2000 | 1600 | 700/800 |
| 5 | 1000 | 1400 | 1750 | 2000 | 700 |

| 10 Passenger (680 Kg) Cabin Size | | | | | |
|---|------------------|------------------|-------------------|-------------------|---------------------|
| No | Car Width | Car Depth | Well Width | Well Depth | Door Opening |
| 1 | 1500 | 1300 | 2100 | 1900 | 800/900 |
| 2 | 1300 | 1500 | 2000 | 2100 | 800/900 |
| 3 | 1400 | 1300 | 2000 | 2000 | 800/900 |
| 4 | 1300 | 1400 | 1900 | 2000 | 700/800 |

Overhead Details



For Hydraulic Lift



Capacity

Standard: 404 kgs / 6p
 Special jobs: 200 kgs / 3p

Shaft

Standard: W1600 mm x D1400 mm
 Special jobs: W1600 mm x D1300 mm

Door

Standard: W1700 mm x H2000 mm
 Automatic Sliding

Pit

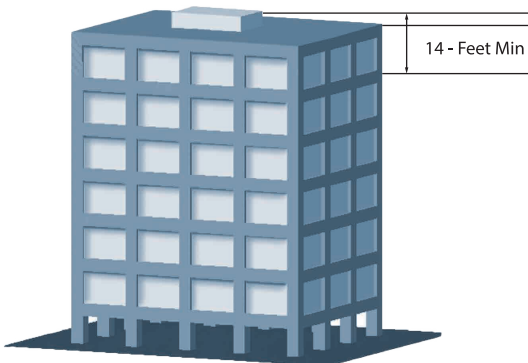
Standard: 300 mm
 Special jobs: 200 mm

Overhead

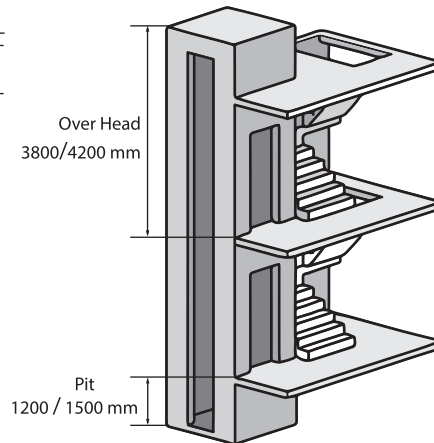
Standard: 3300 mm
 Special jobs: 2900 mm

Speed

Standard: 0.5 m/s
 Special jobs: 0.2 m/s



For MRL Lift



Cooper Classic

Machine Room Less Lift (MRL)

Capacity

6, 8, 10, 15 passengers

Speed

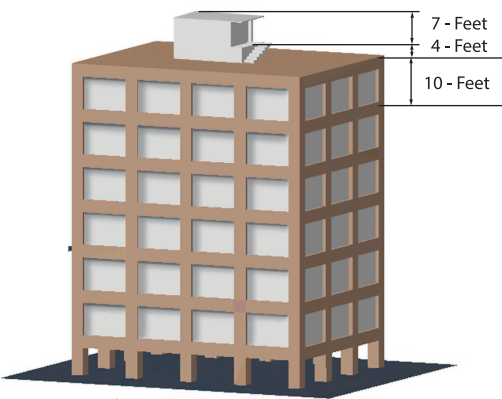
1.0, 1.5, 1.75 m / s

Max. Floors

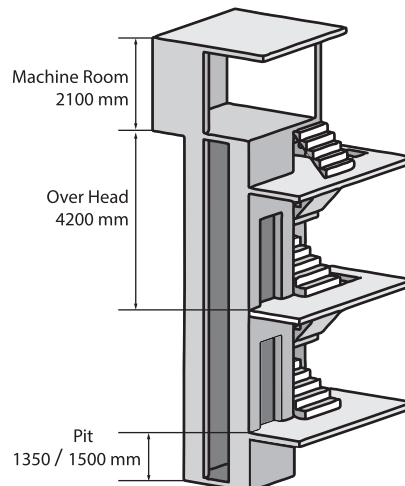
30 Floors

Max. Travel

90 mts



For Traction Lift



Cooper Standard

Traction Lift
 (With Machine Room)

Capacity

4, 6, 8, 10, 15, 20 passengers

Speed

0.67, 1.0, 1.5, 1.75 m / s

Max. Floors

36 Floors

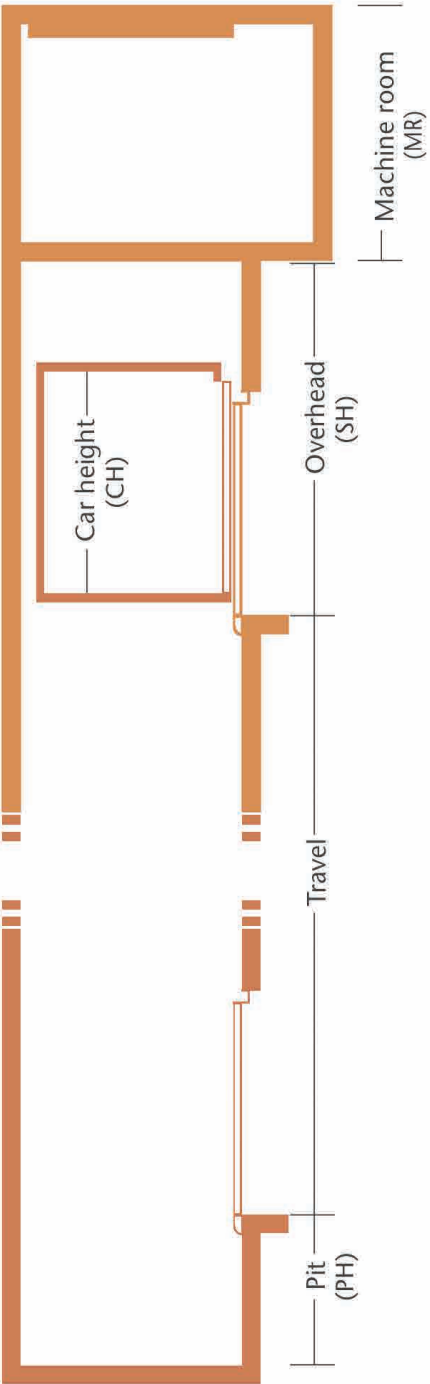
Max. Travel

110 mts

Lift with Machine Room (LMR)

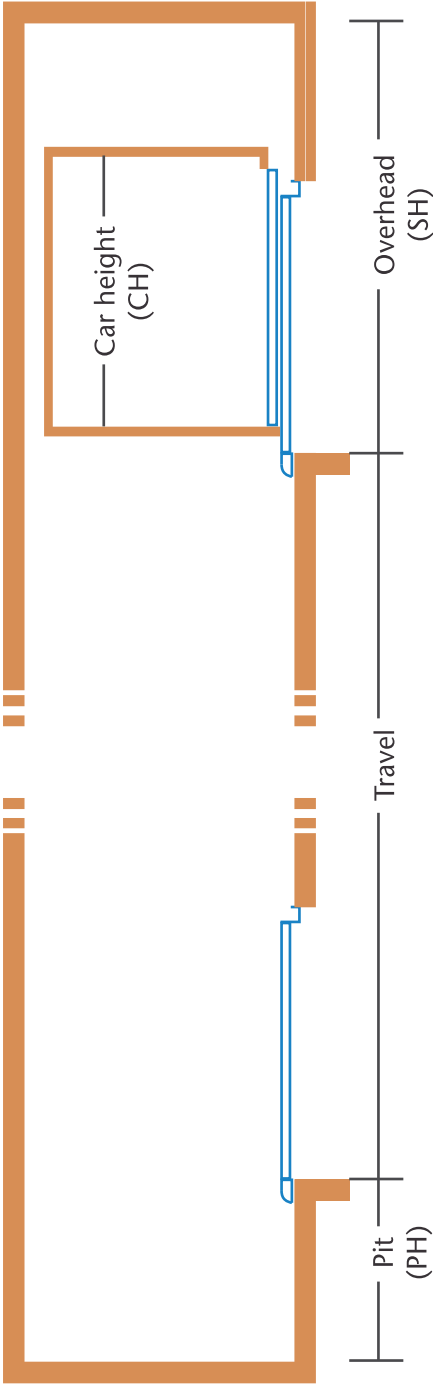
Machine Room Less (MRL)

Elevation Layout



Note : Over Head : 4500 mm, Machine Room:2100 mm, Pit Height : 1350 mm

Elevation Layout



Note : Over Head : 4500 mm, Pit Height : 1500 mm

WW - Well Width WD - Well Depth CW - Car Width CD - Car Depth DO - Door Opening

Shaft information for LMR (Lift with Machine Room)

| Capacity | Load (KG) | Car Width | Car Depth | Door Opening | For Centre Opening Door | | For Side Opening Door | |
|----------|-----------|-----------|-----------|--------------|-------------------------|------|-----------------------|------|
| | | CW | CD | DO | WW | WD | WW | WD |
| 4P | 272 | 900 | 850 | 700 | 1600 | 1550 | 1400 | 1650 |
| | | | | 800 | 1800 | 1550 | 1550 | 1650 |
| | | 1100 | 700 | 700 | 1600 | 1400 | 1600 | 1500 |
| | | | | 800 | 1800 | 1400 | 1600 | 1500 |
| 5P | 340 | 1100 | 850 | 700 | 1600 | 1550 | 1600 | 1650 |
| | | | | 800 | 1800 | 1550 | 1600 | 1650 |
| | | 1200 | 750 | 700 | 1700 | 1450 | 1700 | 1550 |
| | | | | 800 | 1800 | 1450 | 1700 | 1550 |
| 6P | 408 | 1200 | 900 | 700 | 1850 | 1550 | 1850 | 1650 |
| | | | | 800 | 1900 | 1550 | 1850 | 1650 |
| | | 1100 | 1000 | 700 | 1750 | 1600 | 1750 | 1700 |
| | | | | 800 | 1850 | 1600 | 1750 | 1700 |
| 8P | 544 | 1100 | 1300 | 700 | 1750 | 1750 | 1750 | 1850 |
| | | | | 800 | 1850 | 1750 | 1750 | 1850 |
| | | 1300 | 1100 | 700 | 1950 | 1650 | 1950 | 1750 |
| | | | | 800 | 1950 | 1650 | 1950 | 1750 |
| 9P | 612 | 1100 | 1400 | 700 | 1750 | 1850 | 1750 | 1950 |
| | | | | 800 | 1850 | 1850 | 1750 | 1950 |
| 10P | 680 | 1300 | 1350 | 800 | 1950 | 1800 | 1950 | 1900 |
| | | 1350 | 1300 | 800 | 2000 | 1750 | 2000 | 1850 |
| | | 1100 | 1600 | 700 | 1750 | 2050 | 1750 | 2150 |
| | | | | 800 | 1850 | 2050 | 1750 | 2150 |
| 11P | 748 | 1350 | 1400 | 800 | 2000 | 2050 | 2000 | 2150 |
| 13P | 884 | 1600 | 1350 | 900 | 2250 | 2000 | 2250 | 2100 |
| | | | | 1000 | 2300 | 2000 | 2250 | 2100 |
| | | 1100 | 2000 | 800 | 1850 | 2450 | 1750 | 2550 |
| | | | | 900 | 2000 | 2450 | 1800 | 2550 |
| | | 1500 | 1450 | 900 | 2150 | 2050 | 2150 | 2150 |
| | | | | 1000 | 2250 | 2050 | 2150 | 2150 |
| 2000 | 1100 | 1000 | 2700 | 1900 | 2700 | 2000 | | |
| | | 1100 | 2700 | 1900 | 2700 | 2000 | | |
| 15P | 1020 | 1600 | 1500 | 900 | 2250 | 2100 | 2250 | 2200 |
| | | | | 1000 | 2300 | 2100 | 2250 | 2200 |
| | | 1100 | 2100 | 800 | 1850 | 2550 | 1750 | 2650 |
| | | | | 900 | 2000 | 2550 | 1800 | 2650 |
| 16P | 1088 | 1800 | 1450 | 1000 | 2500 | 2050 | 2500 | 2150 |
| | | | | 1100 | 2550 | 2050 | 2500 | 2150 |
| | | 1300 | 2000 | 1000 | 2200 | 2450 | 2000 | 2550 |
| | | 1600 | 1600 | 1000 | 2300 | 2150 | 2250 | 2250 |
| | | 2000 | 1300 | 1100 | 2700 | 2000 | 2700 | 2100 |
| | | | | 1100 | 2700 | 2000 | 2700 | 2100 |
| 17P | 1150 | 1800 | 1500 | 1000 | 2500 | 2100 | 2500 | 2200 |
| | | | | 1100 | 2550 | 2100 | 2500 | 2200 |

Shaft Information for MRL (Machine Room Less)

| No. of persons | Load | Car Width | Car Depth | Door Opening | Shaft Width | Shaft Depth | Overhead |
|----------------|-------|-----------|-----------|--------------|-------------|-------------|----------|
| | (Kgs) | CW(mm) | CD(mm) | DO(mm) | WW (mm) | WD(mm) | OH(mm) |
| 5 | 340 | 950 | 1000 | 700 | 1550 | 1475 | 4500 |
| 6 | 408 | 950 | 1150 | 700 | 1550 | 1525 | |
| | 408 | 1100 | 1000 | 700 | 1650 | 1475 | |
| 7 | 476 | 950 | 1250 | 700 | 1550 | 1575 | |
| 8 | 544 | 1100 | 1300 | 700 | 1675 | 1600 | |
| | 544 | 1100 | 1300 | 800 | 1775 | 1600 | |
| | 544 | 950 | 1400 | 700 | 1575 | 1700 | |
| | 544 | 1300 | 1100 | 800 | 1875 | 1500 | |
| 10 | 680 | 1300 | 1350 | 800 | 1875 | 1800 | |
| | 680 | 1100 | 1600 | 800 | 1775 | 1925 | |
| 13 | 884 | 1600 | 1350 | 900 | 2175 | 1800 | |
| | 884 | 1600 | 1650 | 1000 | 2175 | 1800 | |
| | 884 | 1100 | 2000 | 800 | 1775 | 2300 | |
| | 884 | 1100 | 2000 | 900 | 1950 | 2300 | |
| 15 | 1020 | 1600 | 1500 | 900 | 2175 | 1875 | |
| | 1020 | 1600 | 1500 | 1000 | 2175 | 1875 | |
| | 1020 | 1100 | 2150 | 800 | 1775 | 2450 | |
| | 1020 | 1100 | 2150 | 900 | 1950 | 2450 | |

Note

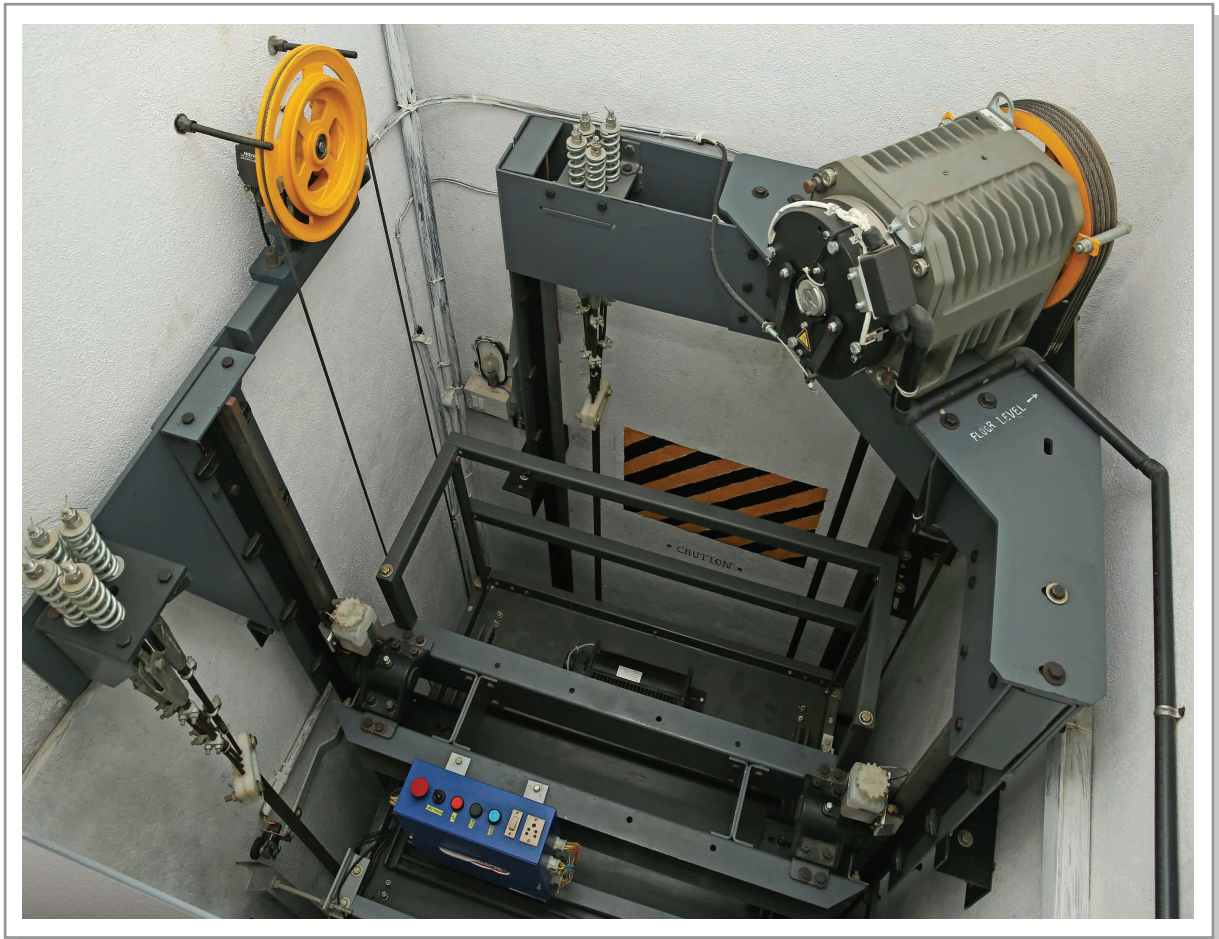
- All shaft measurements specified are taken over plaster
- Shaft dimensions are to be maintained to a tolerance of 0, +25mm
- For minimum shaft sizes, contact Customer Engineering for details

Features

| | | | | | |
|-------|---|---|-------|--|---|
| EBD A | Emergency Battery Drive Automatic(ARD) | S | SRC | Curtain of Light in Car | S |
| CEL | Car Emergency Lighting | S | ACL C | Accurate releveling, automatic, Closed door | S |
| FRD | Fireman's Drive | S | CCB | Car Call Backwards | S |
| COD | Correction drive to next level | S | OCL | Operation of Car Light - Automatic | S |
| ABEM | Alarm Bell | S | OCV | Operation Car Ventillation - Impulse and Automatic | S |
| ISEC | Emergency Intercom Car-MAP-Control Room | O | ATS | Attendant Service | O |
| ISES | EPABX based intercom for group of elevators | O | PAD C | Parking at pre-defined floor, door closed | O |
| DCB | Door Close Button | S | BLF | Bypass Load Function | O |
| DOB | Door Open Button | S | OLF C | Over Load Function, Constant indication | O |
| NUDNB | Nudging | O | ACU | Light Announcer (LAS) | O |

S Standard O Optional Energy saving feature

Machine Room Less Lift (MRL)



It runs in modern 32-bit MCV and high efficient 32-bit DSP to complete the operating function of elevator and motor drive control.

Meets the following standard;

EN60950:
1999 Safety of Information Technology equipment

EN12015:
1988 Electromagnetic compatibility product stand for lifts - Emission & Immunity.

Cooper Elevators India Pvt. Ltd.

Corporate Office:

CHENNAI No:3 / 533, Bell Nagar, Madhanandapuram, Kundrathur Main Road, Porur, Chennai, Tamil Nadu – 600 116 mobile: +91 9344 05 22 08 email : presales@cooperelevators.com

Branch Office:

COIMBATORE No. 90, Sree Nagar, Hope College, Peelamedu Coimbatore, Tamil Nadu – 641 004 mobile: +91 9344 05 22 07 email: coimbatore@cooperelevators.com

TRICHY No. 1, Vinayaga Nagar, 4th Street, Karumandapam, Trichy, Tamil Nadu – 620 001 mobile: +91 91235 46722 email: trichy@cooperelevators.com

BANGALORE No. 402/1/1, First Floor, 22nd Cross Street, 25th Main Road, HSR Layout 2nd Sector, Bangalore, Karnataka – 560 102 mobile: +91 810 516 2224 email: bangalore@cooperelevators.com

VIJAYAWADA No. 31-23-30, Machavaram Down, Eluru Road, Vijayawada, Andhra Pradesh – 520 004, mobile: +91 9791074242 email: vijayawada@cooperelevators.com

PUNE, MYSORE, HYDERABAD Mobile: +91 9840011352

www.cooperelevators.com

