



**CRAFTSMANSHIP
FROM THE
FOUNDATION UP**

MANUFACTURERS OF:

CAR FRAME & CWT COMPONENTS

CABIN SYSTEMS

DOOR SYSTEMS

SHAFT & SAFETY COMPONENTS

ABOUT US

Create ▪ Enhance ▪ Sustain

Since 2003, **Ameetkumar Agarwal** has been providing customers with customized vertical moving solutions made to order for any architectural, aesthetic and financial requirement. Similarly, the goal under his new venture as a **Director of Symetrix Elevators- The Elevator Factory** is to guarantee totally safe vertical mobility, with the utmost comfort and without any service interruptions.

Born from the experience of the finest craftsmanship and engineering, Symetrix Elevators is the one stop destination for all your elevator requirements. It give us immense pleasure to introduce ourselves, as an elevator components & parts manufacturer for different types of Elevators Installations. We aim at continuous technical improvement of our products to achieve top quality/reliability ratio.

The company has established its operations close to Mumbai city with more than 5000 Sq.ft of Manufacturing space with in house CNC Punching & Laser, CNC Bending, Fabrication & Powder Coating. We look forward to move into other strategic markets with a commitment to become a truly global company.

Technically qualified and well-experienced people head all the sections of manufacturing. Experienced supervisors and skilled technicians/operators are at our disposal. We ensure every manufacturing operation is carried out as per latest Quality Management System .

We all work under a guiding principle of **CREATE ▪ ENHANCE ▪ SUSTAIN** and hence it has earned us excellent vendor rating, all the time, from all our customers

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CAR FRAME & CWT COMPONENTS

1:1 Traction Car Frames
 2:1 Top Pulley Car frames
 2:1 Top Pulley '+' Car Frames
 MRL Bottom Pulley Car frames
 MRL Cantilever Car Frames - Normal Pit
 MRL Cantilever Car Frames - Low Pit
 Hydraulic Cantilever Frames - Normal Pit
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CABIN SYSTEMS

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 Inox Series
 Forest Series
 Mosaic Series
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SHAFT & SAFETY COMPONENTS

Guide Rails & Fish Plate
 Rail Bracket
 Forged Rail Clips
 Sheet Metal Clips
 Anchor Bolts
 Bulldog Clips
 Wedge Socket Bolt
 Progressive Safety Block
 HS - Progressive Safety Block
 Rubber Buffer
 Diverter Wheels
 Buffer Spring
 Oil Buffer
 Hydraulic Piston
 Hydraulic Power Pack
 Guide Shoes



QUALITY ASSURANCE

WHERE STRUCTURAL INTEGRITY MEETS SAFETY

CAR FRAME AND CWT COMPONENTS

- Introducing “Single Piece Car Frame” first time in India.
- Made of mild steel sheets of 3mm, 4 mm, 5 mm & 6 mm thickness.
- Satisfying higher load carrying capacity with lighter weight.
- Adjustable height to cover all car clear heights from 2150 mm up to 2400 mm.
- 1:1, 2:1, Car frame parts are fixed with standard & high speed progressive safety gear.
- Available from 4 Passenger to 26 Passenger.

1:1 TRACTION CAR FRAMES

FEATURES

- ▲ Standard 1:1 roping car frame
- ▲ Along with Guide Shoes, Std. Safety Block, Wedge Socket Bolt & Buffer
- ▲ Stationery Cam Angle along with the products.
- ▲ Car Steadier Bracket with isolation supplied
- ▲ Isolation Frame with Isolation Pads for overload device additional.
- ▲ From 800 DBG to 2600 DBG.



2:1 TOP PULLEY CAR FRAMES

FEATURES

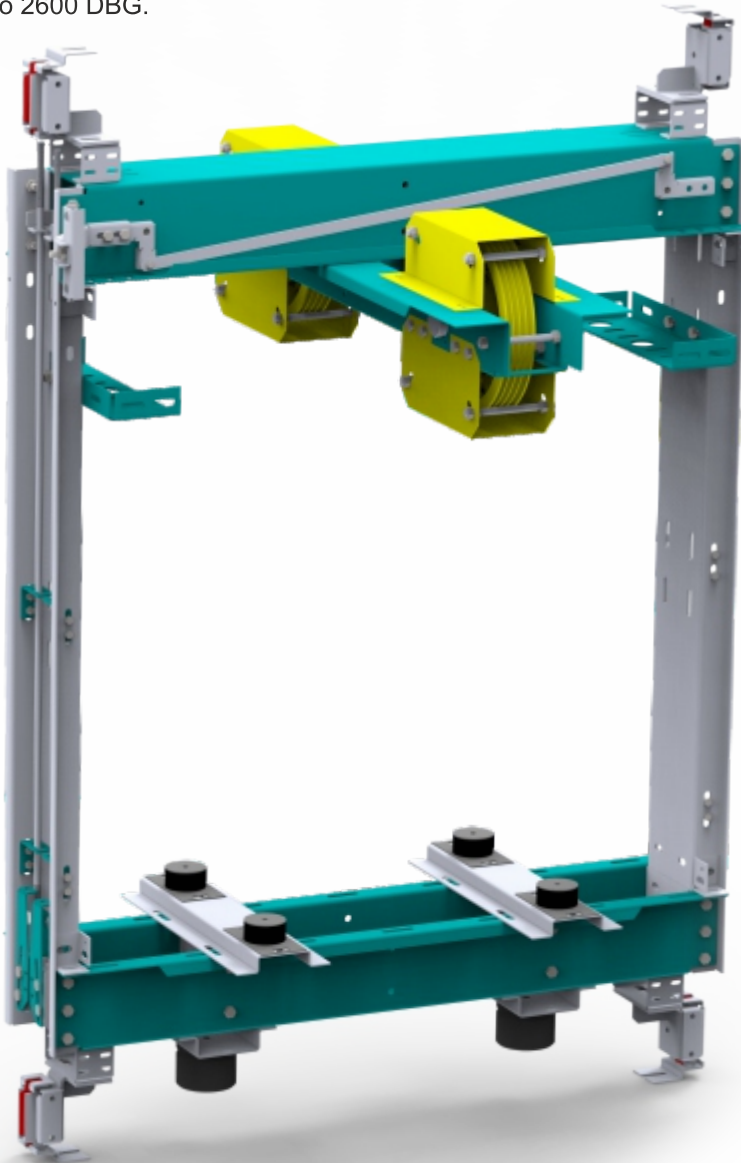
- ▲ Standard 2: 1 roping car frame with Pulleys on top with side CWT.
- ▲ Pulley Cover with rope slip support.
- ▲ Along with Guide Shoes, Std. Safety Block, Wedge Socket Bolt & Buffer.
- ▲ Stationery Cam Angle along with the products.
- ▲ Car Steadier Bracket with isolation supplied.
- ▲ Isolation Frame with isolation pads for overload device additional.
- ▲ From 800 DBG to 2600 DBG.



2:1 TOP PULLEY ' +' CAR FRAMES

FEATURES

- ▲ Standard 2:1 roping car frame with Pulleys on top with back CWT.
- ▲ Pulley Cover with rope slip support.
- ▲ Along with Guide Shoes, Std. Safety Block, Wedge Socket Bolt & Buffer.
- ▲ Stationery Cam Angle along with the products
- ▲ Car Steadier Bracket with isolation supplied.
- ▲ Isolation Frame with Isolation Pads for overload device additional.
- ▲ From 800 DBG to 2600 DBG.

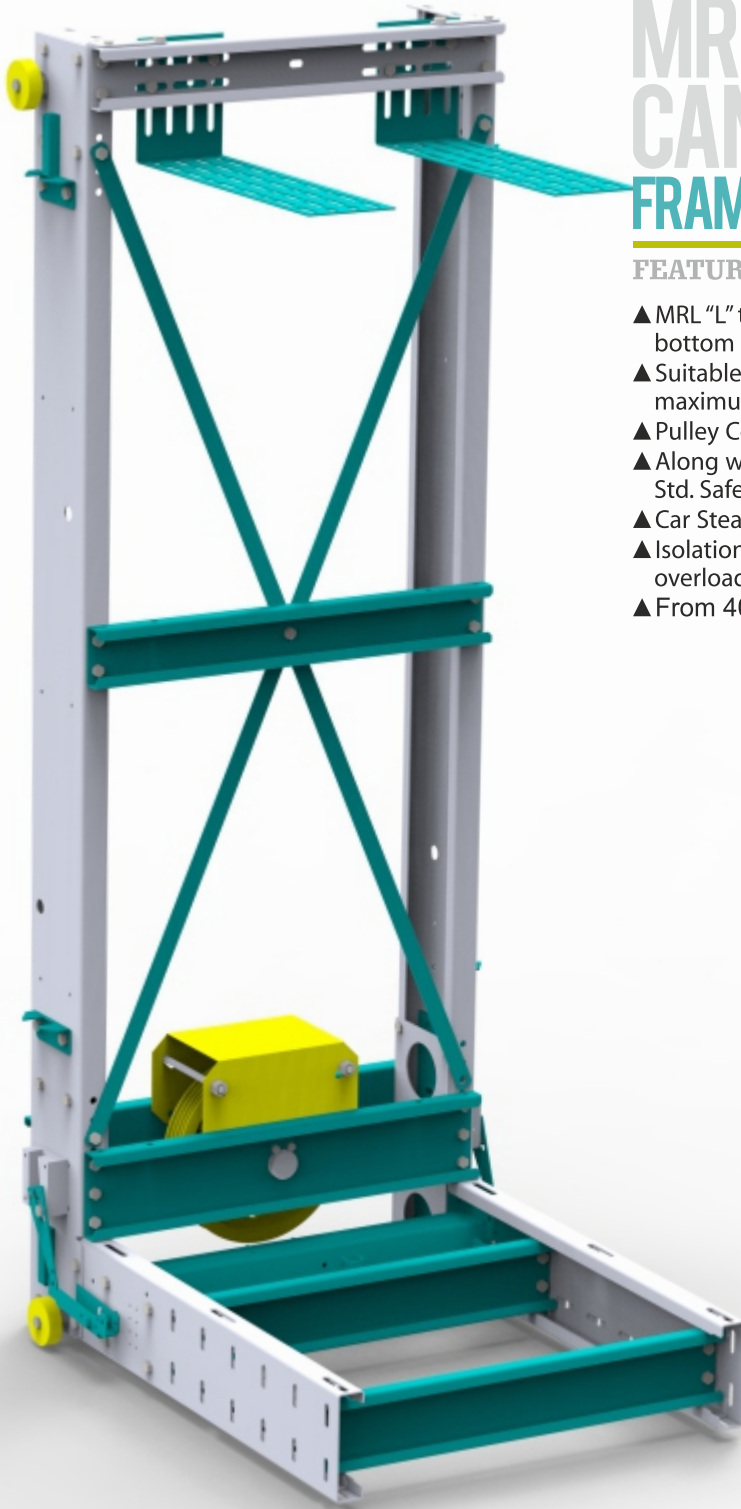


MRL BOTTOM PULLEY CAR FRAMES

FEATURES

- ▲ Standard MRL car frame with Pulleys on bottom with side CWT.
- ▲ Pulley Cover with rope slip support.
- ▲ Along with Guide Shoes, Std. Safety Block, Wedge Socket Bolt & Buffer.
- ▲ Stationery Cam Angle along with the products.
- ▲ Car Steadier Bracket with isolation supplied
- ▲ Isolation Frame with Isolation Pads for overload device additional.
- ▲ From 800 DBG to 2600 DBG.





MRL CANTILEVER FRAMES NORMAL PIT

FEATURES

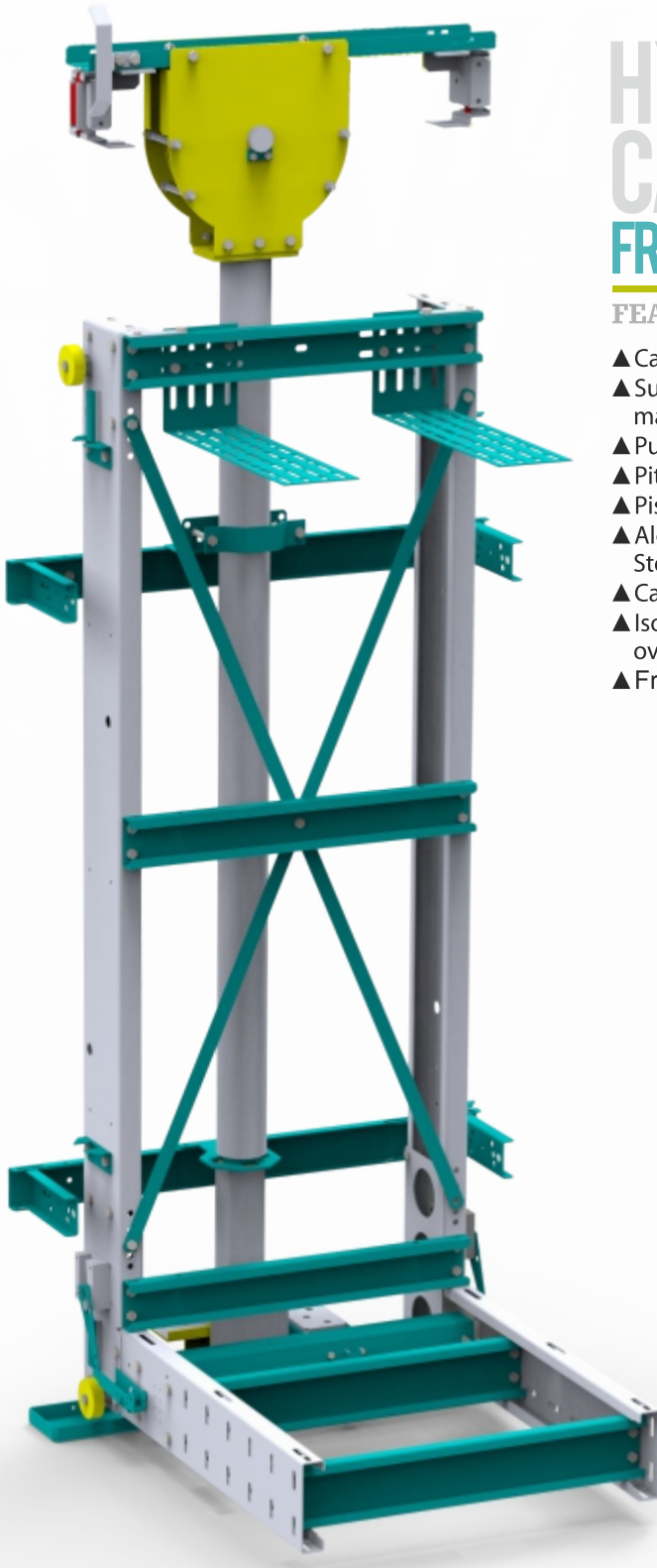
- ▲ MRL "L" type car frame with Pulleys on bottom with back CWT.
- ▲ Suitable for minimum – 350 mm Pit to maximum – 1500 mm pit.
- ▲ Pulley Cover with rope slip support.
- ▲ Along with Roller Guide Shoes, Std. Safety Block, Wedge Socket Bolt & Buffer.
- ▲ Car Steadier Bracket.
- ▲ Isolation Frame with Isolation Pads for overload device additional.
- ▲ From 400 DBG to 1400 DBG.



MRL CANTILEVER FRAMES LOW PIT

FEATURES

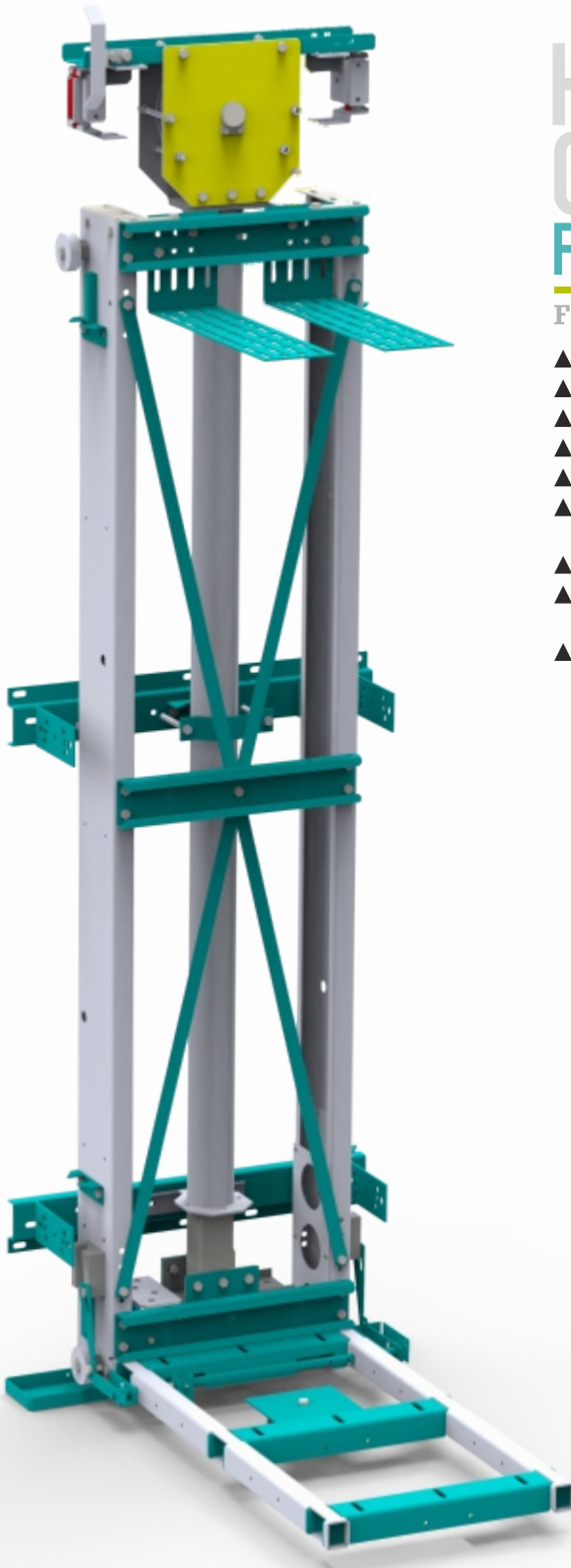
- ▲ MRL "L" type car frame with Pulleys on bottom with back CWT.
- ▲ Suitable for minimum – 150 mm to 350 mm.
- ▲ Pulley Cover with rope slip support.
- ▲ Along with Roller Guide Shoes, Std. Safety Block, Wedge Socket Bolt & Buffer.
- ▲ Car Steadier Bracket.
- ▲ Isolation Frame with Isolation Pads for overload device additional.
- ▲ From 400 DBG to 1400 DBG.



HYDRAULIC CANTILEVER FRAMES NORMAL PIT

FEATURES

- ▲ Cantilever Hydraulic Car Frame.
- ▲ Suitable for minimum – 350 mm pit to maximum – 1500 mm pit.
- ▲ Pulley Frame with suitable guide shoe.
- ▲ Pit Tray with Hitching arrangement.
- ▲ Piston & Pillar Holding Brackets.
- ▲ Along with Roller Guide Shoes, Std. Safety Block, Wedge Socket Bolt & Buffer.
- ▲ Car Steadier Bracket.
- ▲ Isolation Frame with Isolation Pads for overload device additional.
- ▲ From 400 DBG to 1400 DBG.



HYDRAULIC CANTILEVER FRAMES LOW PIT

FEATURES

- ▲ Cantilever Hydraulic Car Frame.
- ▲ Suitable for minimum – 150 mm to 350 mm Pit.
- ▲ Pulley Frame with suitable guide shoe.
- ▲ Pit Tray with Hitching arrangement.
- ▲ Piston & Pillar Holding Brackets.
- ▲ Along with Roller Guide Shoes, Std. Safety Block, Wedge Socket Bolt & Buffer.
- ▲ Car Steadier Bracket.
- ▲ Isolation Frame with Isolation Pads for overload device additional.
- ▲ From 400 DBG to 1400 DBG.

1:1 & 2:1 CWT FRAMES

FEATURES

- ▲ CWT Frame DBG from 600 mm to 1400 mm.
- ▲ CWT Frame length from 2400 mm to 3000 mm.
- ▲ Pulley Cover with rope slip support.
- ▲ CWT Frame thickness from 130 mm to 280 mm depending on rated load.



TECHNICAL ADMINISTRATION

CRAFTSMANSHIP FROM THE FOUNDATION UP

CABIN SYSTEMS

- Symetrix Elevators offers a wide selection of premium finishes and accessories in a choice of textures and colours.
- Customize your cabins according to your taste and style.
- The range of finishes shown is just a small sample of what is available and possible.
- Explore the almost endless options with us. Just ask.
- All the cabins are provided with exclusive fall ceiling designs which can be selected from a variety of designs.

EPOXY SERIES

SIMPLICITY AND FUNCTIONALITY FOR WHEN COST-EFFICIENCY IS THE KEY

FEATURES

All Mild Steel cabins are painted with a durable powder coat application. For optimal adhesion and performance, all components are cleaned in a 7 stage automated wash prior to the application of powder coating.



INOX SERIES

FUTURISTIC YET TIMELESS DESIGNS THAT STAY FOREVER..!

FEATURES

The Inox Series is a collection of sophisticated, timeless designs that marry the old and the new to produce a warm, harmonious environment. It offers the evergreen Stainless Steel cabins in various finishes.



FOREST SERIES

RICH, TIMELESS DESIGNS THAT BALANCE THE NATURAL WITH THE MODERN.

FEATURES

The forest series is designed for those who love the beauty and traditional warmth of wood, a timeless style. Available in various colours and designs.



MOSAIC SERIES

STRIKING, BOLD INTERIORS THAT DELIVER A WOW EFFECT EVERY TIME..!!

FEATURES

The mosaic series is a combination of glossy and matt tiles cut in different sizes, showing an innovative approach in laying mosaics. It is available in different colours and patterns that you can choose from and create your own combination.



PRESTIGE SERIES

WHEN LOOKS REALLY MATTER – AND WHEN THE LUXURIOUS RIDE IS AS IMPORTANT AS CUSTOM CARS.

FEATURES

The Prestige Series embodies the epitome of elegance in a sophisticated combination of steel & marble finishes. You can choose from variety of designs & patterns.



LUXURY SERIES

A SUBTLE TOUCH OF CLASS...!!

FEATURES

The Luxury Series offers a choice of exclusive cabins created to give the perfect look and feel of world class luxury using leather finishes from premium brands. These exclusive designs bring the magic of a bygone era with a modern twist to your luxurious surroundings.



ILLUMINATE SERIES

SOPHISTICATED, CAPTIVATING INTERIORS THAT REFLECT, REWARD, AND INSPIRE..!

FEATURES

The Illuminated Series takes its inspiration from the cool sophistication of industrial design to create illuminated interiors that draw the eye in. Coloured, textured, printed, and brushed sheets with modern lighting. These chic, functional designs speak volumes, but with a cool, quiet voice, and are the perfect match for sleek and modern interiors in both residential and commercial buildings.



PANORAMIC SERIES

DESIGN IS INTELLIGENCE MADE VISIBLE...!!

FEATURES

The Panoramic series is a glass cabin, enriched by aesthetic details and accurate technical manufacturing. It is fitted in stainless steel and the glass is sandwiched toughened glass. The glass is available in various finishes.



REDESIGNING SERVICES

OUT WITH THE OLD. IN WITH THE NEW.

DOOR SYSTEMS

- Design capability and the focus on technology and safety are key assets in designing our door systems.
- Tried and tested, **SYMETRIX ELEVATORS** doors are developed and manufactured to the highest standards confirming to fire safety norms.
- We work with the best, and our aim is to supply the best - intelligent products that can be relied on time after time.
- We're continuously developing new and exciting products.

AUTOMATIC DOORS

FEATURES

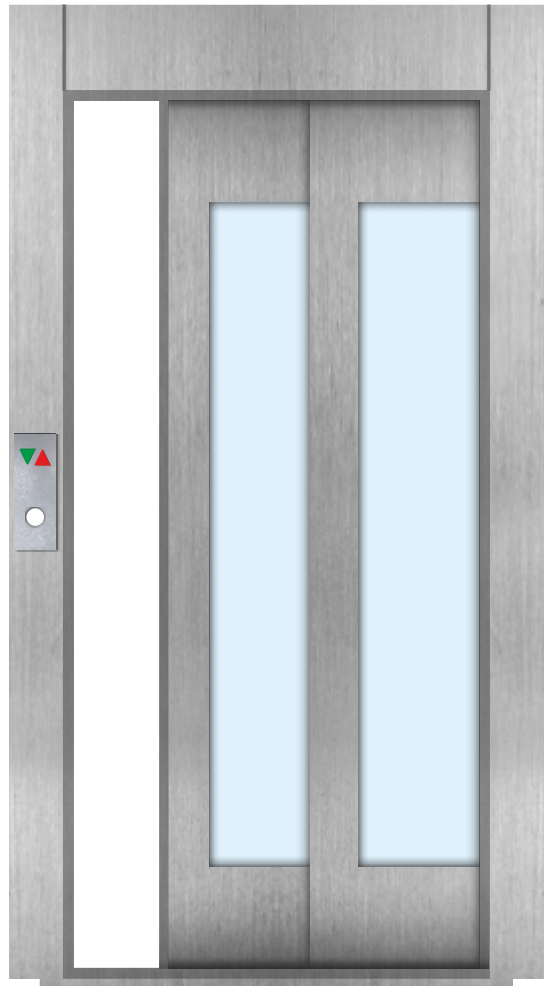
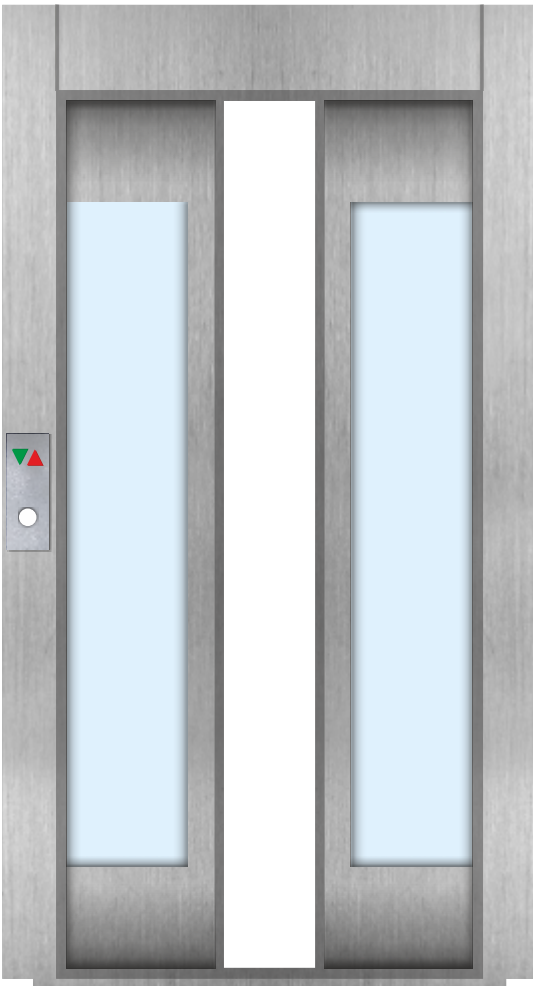
- ▲ Smooth, noise free operation.
- ▲ Center & Telescopic Doors.
- ▲ Clear Opening from 600 to 2000 mm.
- ▲ Door Height from 1900 to 3000 mm.
- ▲ Suitable to Fermator Genesis Header & Mechanisms.
- ▲ Wide variety of available finishings and executions allows them to fit in every environment.
- ▲ Available in Pre Coated, Powder Coat & Stainless Steel.



AUTOMATIC GLASS DOORS

FEATURES

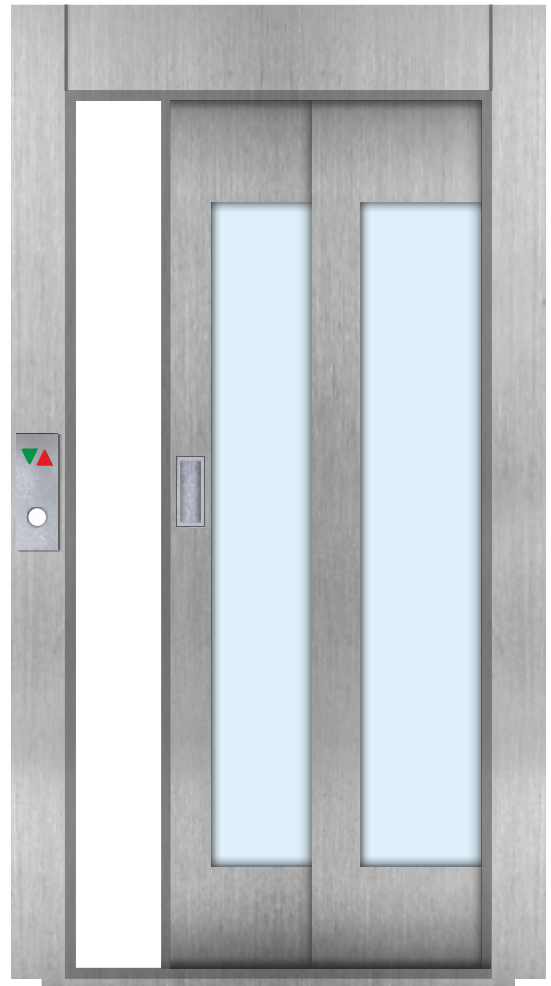
- ▲ Toughened & Laminated Glass with special edge protection.
- ▲ Center & Telescopic Doors.
- ▲ Clear Opening from 600 to 2000 mm.
- ▲ Door Height from 1900 to 3000 mm.
- ▲ Suitable to Fermator Genesis Header & Mechanisms.
- ▲ Wide variety of available finishing's and executions allows them to fit in every environment.
- ▲ Available in Pre Coated & Stainless Steel.



MANUAL TELESCOPIC DOORS

FEATURES

- ▲ Versatile and high-quality doors.
- ▲ Only Telescopic Doors.
- ▲ Clear Opening from 600 to 2000 mm.
- ▲ Door Height from 1900 to 3000 mm.
- ▲ Common spares over the entire range, if required.
- ▲ Wide variety of available finishing's and executions allows them to fit in every environment.
- ▲ Available in Pre Coated & Stainless Steel.



SEMI AUTOMATIC DOORS

FEATURES

- ▲ Very simple installation and virtual nil maintenance.
- ▲ Enclosed Door Closer.
- ▲ Compact & Light weight Design.
- ▲ Clear Opening from 600 to 1000 mm.
- ▲ Door Height from 1900 to 2200 mm.
- ▲ Available in Pre-Coated, Powder Coated & Stainless Steel.



DOOR FRAMES

FEATURES

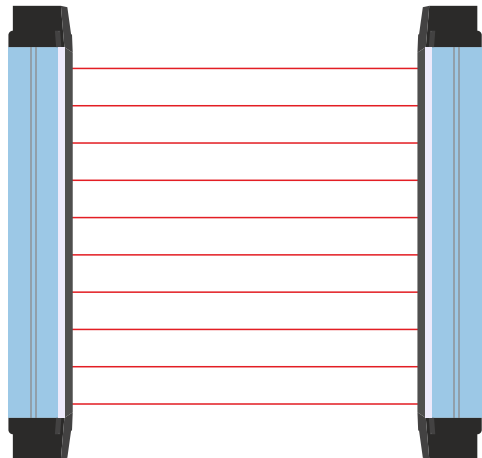
- ▲ Compact construction.
- ▲ For Manual, Semi – Automatic & Automatic Type Doors.
- ▲ Manual & Semi-Automatic Door frames supplied along with Door Locks.
- ▲ Clear Opening from 600 to 3000 mm.
- ▲ Door Height from 1900 to 3000 mm.
- ▲ Emergency unlocking in the door frame.



SAFETY LIGHT FRAMES

FEATURES

- ▲ Designed for new and existing installations.
- ▲ Suitable for static or dynamic fixing.
- ▲ Suitable for both side-opening or centre-opening doors.
- ▲ High light immunity.
- ▲ Reduced installation time.



FORENSIC DESIGNS

A DIFFERENT KIND OF INVESTIGATION

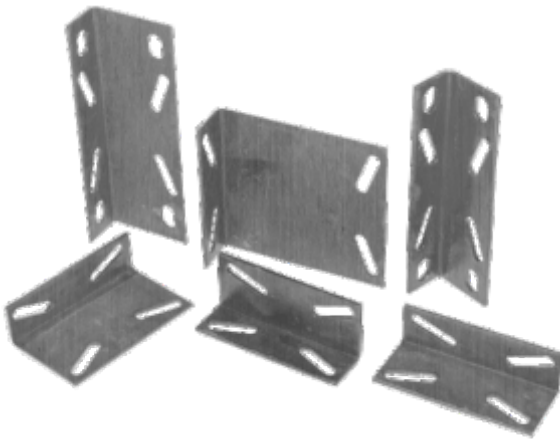
SHAFT AND SAFETY COMPONENTS

- Get all the Elevator Accessories under one roof from guide rails and rail brackets to anchor bolts and bull dog clips.
- Unique safety components like our very own designed Wedge Socket bolts, rubber buffers, diverter wheels and other items.
- All components are either powder coated or galvanized.

GUIDE RAILS & FISH PLATE

FEATURES

- ▲ Length: 5,000 mm ± 2mm. Customize length available.
- ▲ Cold Drawn Guide Rail in T45 & T50 for 5mm & 6mm resp.
- ▲ Machined Guide Rails in T50, T70 & T89 for 5mm, 9mm & 16mm resp.
- ▲ Hollow Guide Rails available in TK3 & TK5 for 10mm & 16mm resp.
- ▲ Specifications: according to ISO 7465: 1997, ISO 7465: 2001, ISO 7465: 2007.



RAIL BRACKET

FEATURES

- ▲ Standard, reinforced and extension brackets.
- ▲ Heavy-duty guide rail brackets are designed to securely attach car and counterweight rails to the building structure
- ▲ We supply rail brackets with all necessary mounting hardware.
- ▲ Our engineers can provide you with custom designs to accommodate all bracket conditions

FORGED RAIL CLIPS

FEATURES

- ▲ Hot Forged rigid guide rail clamping system.
- ▲ Complete with threaded shank, nut & spring washer.
- ▲ T Clips are Available both in black iodised & zinc coated finish.





SHEETMETAL RAIL CLIPS

FEATURES

- ▲ Pressed Steel sliding guide rail clamping system.
- ▲ Bolt, nuts & washers can be supplied separately.
- ▲ Available in Zinc coated finish.

ANCHOR BOLTS

FEATURES

- ▲ Two types available Pin Type & Sleeve Type.
- ▲ Hammer driven Pin Type & Sleeve Anchor for push-through installation.
- ▲ In Pin Type, the shell of an anchor is driven into the hole without the expansion pin and then the expansion pin is driven into the shell which after being hit expands the shell against the concrete.
- ▲ In Sleeve Type, for these anchor cylindrical conical hole is made with an uncut drill bit and the sleeve is driven or pushed over the cone shaped bolt with a setting tool which takes the grip in the concrete



BULLDOG CLIPS

FEATURES

- ▲ Complete range available
- ▲ Reversible design for installation on both sides
- ▲ Complete range of accessories available
- ▲ Entirely coated to prevent corrosion

WEDGE SOCKET BOLT

FEATURES

- ▲ Tested with Usha Marin Wire Ropes
- ▲ Break Load of more than 13 KN
- ▲ All standard wedge sockets are galvanized
- ▲ Colour coded wedge to determine rope sizes from 6 mm to 13 mm.
- ▲ Standard 450mm long bolt. Customisation possible.
- ▲ Easy, consistent installation.



PROGRESSIVE SAFETY BLOCK

FEATURES

- ▲ Four rollers in one block.
- ▲ Suitable for 9mm to 16mm guides.
- ▲ Speed: $\leq 1.5\text{m/s}$
- ▲ Rate load : $\leq 1800\text{ Kg}$.

HS-PROGRESSIVE SAFETY BLOCK

FEATURES

- ▲ CE Certified.
- ▲ Suitable for 9mm to 16mm guides.
- ▲ Speed: $\leq 2.5\text{m/s}$
- ▲ Rate load : $\leq 2800\text{ Kg}$.





DIVERTER WHEEL

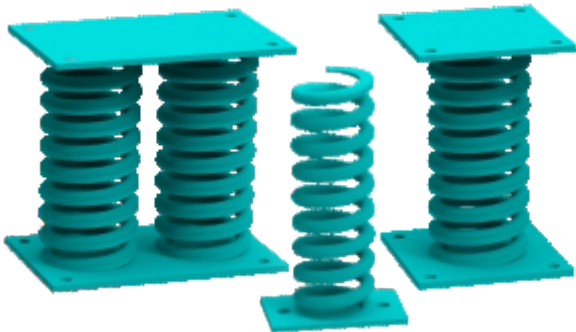
FEATURES

- ▲ Diameter from 160 TO 630 mm
- ▲ No of Grooves from 3 to 8
- ▲ Graded Casting as per elevator standards.

RUBBER BUFFER

FEATURES

- ▲ Deformability: up to 90%.
- ▲ Temperature range: from -40 °C to + 80°C. Humidity range: up to 70% relative humidity at room temperature.
- ▲ Good resistance against oil, grease, petrol & ozone.
- ▲ High stability and dynamic load bearing capacity.
- ▲ Maintenance free, but regular visual checks should be made when inspecting and maintaining safety components.



BUFFER SPRING

FEATURES

- ▲ As per IS14665 Part 4 (Sec :1)
- ▲ Wire Dia from 12 mm to 30 mm.
- ▲ Outer Dia from 50 mm to 300 mm
- ▲ Rated Load : ≤5000 Kg.
- ▲ Rated Speed : ≤1.5 m/s
- ▲ Stroke upto : 150 mm

OIL BUFFER

FEATURES

- ▲ CE Certified
- ▲ Rated Load : ≤7500 Kg.
- ▲ Rated Speed : ≤2.5 m/s
- ▲ Stroke Upto : 300 mm



GUIDE SHOES

FEATURES

- ▲ CE Certified
- ▲ Suitable for 9mm to 16mm guides.
- ▲ Speed: $\leq 2.0\text{m/s}$
- ▲ Rate load : $\leq 1150\text{ Kg}$.



HYDRAULIC PISTON

FEATURES

- ▲ Rod diameters, for single stage pistons, from 50 to 280mm, with various thickness.
- ▲ In one or more sections; the maximum length of each section is 11 metres.
- ▲ Indirect (roped), direct side, or central underground acting pistons
- ▲ Telescopic pistons (side acting or underground) of 2, 3 and 4 stages
- ▲ Rupture valves with flow up to 650 l/min
- ▲ Chrome-plated piston rods

HYDRAULIC POWERPACK

FEATURES

- ▲ Single-phase motor powers ranging from 0.75 to 6 kw
- ▲ 3-phase motor powers ranging from 0.75 to 75 kw
- ▲ Pump flow from 8 to 650 l/min
- ▲ Single-phase or 3-phase motors with special power supply voltages and frequencies.
- ▲ Home lift power units with tank capacity of 38 and 55 liters of working oil
- ▲ Elevator power units with tank capacity from 95 to 530 liters of working oil; special capacity on request
- ▲ Home lift power units with moto-inverter
- ▲ Elevator power units with inverter
- ▲ Power units with electronic valve
- ▲ Special power units, for positioning in the shaft pit, with remote command for emergency operations



TAKE THE RIGHT DECISION

WHY SYMETRIX?

WE CARE ABOUT YOU

Our success is built on your satisfaction. We design the most versatile solutions, we guarantee the highest technological quality, and, most importantly, are always ready when you need us.

WE ARE SERIOUS & SCRUPULOUS

We comply with the strictest technical and safety regulations; the quality of our work is certified as per standards and is confirmed by the fact that 100% of our customers are satisfied with our work!

WE ARE FLEXIBLE

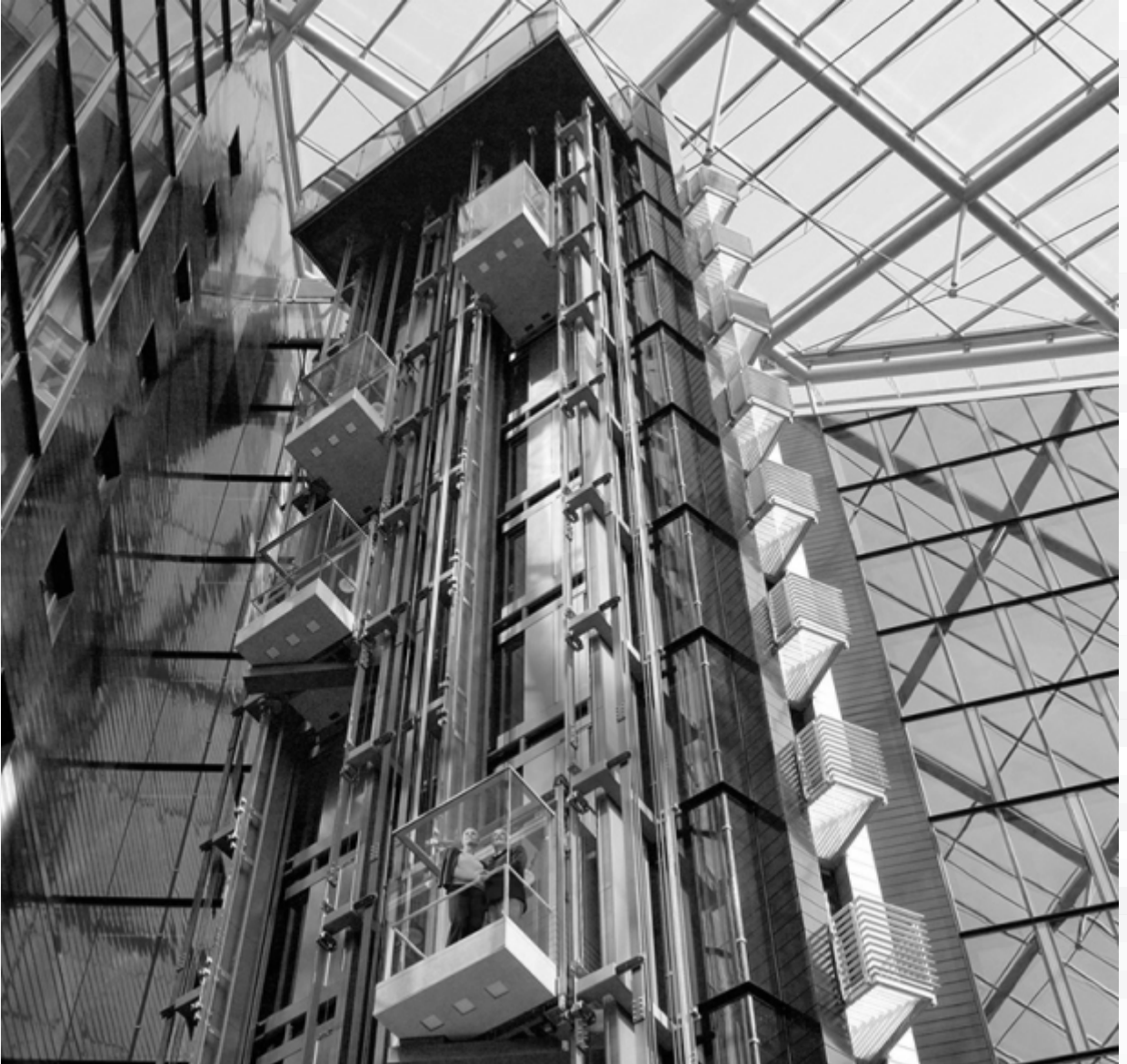
We meet all of your needs with a broad range of solutions. From conventional to the most innovative and complex lifts, all of our proposals are customizable in every detail, from cabin panelling to accessory finishing.

WE ARE GOOD

Safety, energy savings, service improvements, and customer service: our specialised technicians know how to improve your life and are always ready to exceed your expectations.

WE DELIVER

We guarantee the best value for money, short delivery time, flexible production structure and versatile products for any kind of installation or renewal of existing lifts.



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