

CHINCHONTEUF



LLOYDS ENGINEERING WORKS LIMITED

A Subsidiary of Lloyds Engineering Works Limited

An ISO 9001/14001/45001/ CE CERTIFIED COMPANY

**TOLL FREE LINE 1800-102-5222**

Registered Office & Works

**TECHNO INDUSTRIES PVT. LTD.**

Plot No. 5002, Phase IV G.I.D.C, Vatva, Ahmedabad - 382 445 Gujarat - India

REGIONAL OFFICE : MUMBAI

Unit No.39, 1st Floor, Madhu Estate, Lower Parel,  
Pandurang Budhkar Marg, Worli, Mumbai 400013.

- BRANCHES -

**DELHI**

Building No-21, Ground Floor,  
Shopping Complex,  
Nr. Milan Cinema Karampura,  
New Delhi-110015

**NEPAL**

Control Apex Pvt Ltd. 5th Floor,  
Yati Plaza Bagbazar,  
Kathmandu, Nepal  
info@controlapex.com  
liftshyam@gmail.com  
+977 985-1015489  
+977 985-1403151  
+977-014536141

**Nagpur**

C/O, Surendra  
Manikrao Umredkar,  
27-B Telangkhadi  
Nagpur - 440033

**SURAT**

204, Green Atria,  
B/H Green Elina,  
Opp. Snehsankur Wadi,  
Anand Mahal Road,  
Surat - 395009

**VADODARA**

116, Yash Complex,  
Gotri Road,  
Vadodara- 390021

**RAJKOT**

"Balaji Krupa" Shri Vridavan  
Co. OP. Housing Society,  
Street No.2, B/h Umiya Mobile,  
Panchayat Nagar Chowk,  
University Road, Rajkot

**UDAIPUR**

Plot No : 2 Shree Ramnagar,  
Jamar Kotda Road,  
Hiren Magri Sec - 6,  
Udaipur - 313002

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info@technoelevators.com



<http://www.technoelevators.com>

Proudly Engineered & Manufactured in India!



mitdesign@9909419002/9104179454

IS 17900 COMPLIANT  
ELEVATOR CO.



LLOYDS ENGINEERING WORKS LIMITED

A Subsidiary of Lloyds Engineering Works Limited

An ISO 9001/14001/45001/ CE CERTIFIED COMPANY

AN ELEVATOR AND ESCALATOR COMPANY





EXPORT TO COUNTRIES 1C+

GULF COUNTRIES

AFRICAN COUNTRIES

NEPAL

BANGLADESH

SRI LANKA

CLOUD

Techno



# ABOUT US

A proud subsidiary of Lloyds Engineering Works Limited, Techno is redefining vertical mobility with next-gen, precision-engineered solutions. From sleek capsule lifts to silent home elevators, we design for modern infrastructure with unmatched quality, efficiency, and safety.

Backed by skilled technicians and a legacy of excellence, Techno isn't just an elevator; it's a promise of flawless performance, every ride. We have successfully installed more than 35,000 elevators across diverse sectors.

# HISTORY

Founded in 1984, Techno is a leading manufacturer of pumps, motors, elevators, and escalators, driven by innovation and energy-efficient solutions. Headquartered in Ahmedabad with a pan-India presence, the company forayed into elevators in 1994 and has won two National Awards for R&D Excellence.

In 2024, strategic entry of Lloyds Engineering Works to acquired major stake of Techno with the plan to 5X broaden its product portfolio and strengthen its market position.

Powered by 1000+ employees and a dynamic leadership team, Techno continues to set industry benchmarks.



# THE POWERHOUSE BEHIND EVERY SMOOTH RIDE



- State-of-the-Art Manufacturing Facility Spanning 110,000 Sq. Ft.
- Over 35,000 Elevators Successfully Installed Across Diverse Sectors.
- Round-the-Clock Customer Support Ensuring Seamless Service.
- In-House Production Capacity of 6,000+ Elevators Annually.
- ISO Certified – A Testament to Our Quality Commitment.
- Actively Supporting the Nation's Growth through the 'Make in India' Initiative.



- CNC Control Panel  
Advanced computerized control system used for managing automated cutting and bending machines with high accuracy and repeatability.
- Hydraulic Shearing Machine (Harrier 3110)  
This machine enables clean and precise sheet metal cutting, optimizing efficiency in fabrication and reducing material waste.
- Heavy-Duty Lathe Machine  
Used for high-precision metal turning and shaping, this machine ensures accurate finishing for elevator components with consistent performance.

# CERTIFICATIONS & AWARDS



MORE THAN  
**3500G+**  
ELEVATORS INSTALLED

**TECHNO**  
LLOYDS ENGINEERING WORKS LIMITED

# WHY CHOOSE TECHNO ELEVATORS?



- Space-saving MRL setup cuts structural costs
- Energy-efficient drives with regenerative braking
- Silent noise free operations
- Supports Green Building certifications
- Fast & hassle-free installation
- Flexible designs: Multiple car & shaft size options
- Future-ready elevators built for smart buildings
- Smart tech integration with modern control systems
- Uncompromised safety: ARD, advanced brakes, and full standards compliance
- # Smart Monitoring # IoT Inside  
# Predictive Maintenance

24\*7 NON-STOP SUPPORT FOR YOUR  
NON-STOP OPERATIONS



# ELEVATOR MODELS

PASSENGER CAPACITY  
03-30



MODEL 01

INTERNAL WALL LAYOUT  
Layout 01  
Material : Gold Hair Line & Mirror

FLOORING  
PATTERN 01  
MATERIAL : Real White Marble

CEILING  
DESIGN 14  
MATERIAL : Gold Mirror



MODEL 03

INTERNAL WALL LAYOUT  
Layout 03  
Material : SS Hair Line & Designer

FLOORING  
PATTERN 04  
MATERIAL : PVC Material

CEILING  
DESIGN 07  
MATERIAL : SS Hair Line



MODEL 02

INTERNAL WALL LAYOUT  
Layout 02  
Material : MS Powder Coated

FLOORING  
PATTERN 01  
MATERIAL : PVC Material

CEILING  
DESIGN 01  
MATERIAL : MS Powder Coated



MODEL 04

INTERNAL WALL LAYOUT  
Layout 04  
Material : SS Hair Line & Designer

FLOORING  
PATTERN 02  
MATERIAL : Marble Finish

CEILING  
DESIGN 04  
MATERIAL : SS Hair Line

# HANDRAIL, FLOORING & CEILING DESIGNS

## HANDRAILS



RECTAGULAR

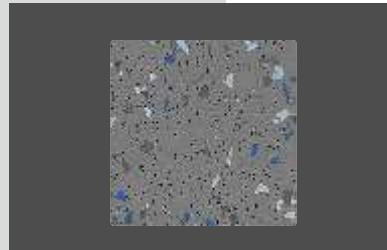


CYLINDRICAL

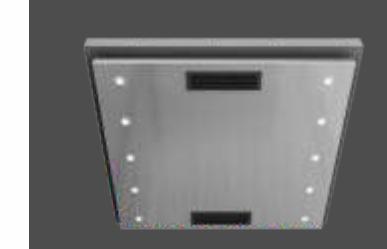


TUBULAR

## FLOORING



## CEILING



CONTACT US FOR MOR OPTION

# CHOOSE YOUR COP & LOP

↗ Aurum (V-17)



↗ Voyager-B  
(Full Length)



Galaxy ↗



Vavis ↗

# ELEVATOR DIMENSION

# 01

TECHNO REGULAR PRODUCT STANDARD (Center Opening)											
Capacity (kg)	No. of pass	Opening Width (mm)	Minimum Shaft Size (W x D)	Maximum Shaft Size (W x D)	Maximum Car Size (W x D)		Required overhead / Pit up to 1.5 mps	Required overhead / Pit up to 1.75 mps	Required overhead / Pit up to 2.00 mps	Required overhead / Pit up to 2.50 mps	
			1.0 to 2.5 mps	1.0 to 2.5 mps	Width	Depth					
408	6P	700	1650 X 1550	1950 X 1850	950	1150	4800 / 1600	4800 / 2150	5200 / 2200	5400 / 2500	
		700	1700 X 1500	2000 X 1800	1000	1100					
		800	1800 X 1400	2100 X 1700	1100	1000					
544	8P	700	1650 X 1800	1950 X 2100	950	1400	4800 / 1600	4800 / 2150	5200 / 2200	5400 / 2500	
		700	1700 X 1800	2000 X 2100	1000	1400					
		800	1800 X 1700	2100 X 2000	1100	1300					
		800	1900 X 1600	2200 X 1900	1200	1200					
		800	2000 X 1500	2300 X 1800	1300	1100					
680	10P	800	1800 X 2000	2100 X 2300	1100	1600	4800 / 1600	4800 / 2150	5200 / 2200	5400 / 2500	
		800	1900 X 1850	2200 X 2150	1200	1450					
		800	2000 X 1750	2300 X 2050	1300	1350					
		900	2000 X 1750	2300 X 2050	1300	1350					
		800	2150 X 1600	2450 X 2000	1450	1200					
		900	2150 X 1600	2450 X 1900	1450	1200					
884	13P	800	1800 X 2400	2200 X 2800	1100	2000	4800 / 1600	4800 / 2150	5200 / 2200	5400 / 2500	
		900	2000 X 2100	2400 X 2500	1300	1700					
		900	2150 X 1900	2550 X 2300	1450	1500					
1020	15P	900	2000 X 2450	2400 X 2750	1200	2050	4800 / 1600	4800 / 2150	5200 / 2200	5400 / 2500	
		1000	2300 X 2000	2700 X 2400	1550	1600					
1088	16P	900	2000 X 2600	2400 X 3000	1200	2200	4800 / 1600	4800 / 2150	5200 / 2200	5400 / 2500	
		1000	2300 X 2300	3150 X 3050	1550	1700					
1360	20P	1000	2350 X 2750	2750 X 3150	1500	2000	4800 / 1600	4800 / 2150	5200 / 2200	5400 / 2500	
1496	22P	1200	2700 X 2600	3100 X 3000	1750	1900	4800 / 1600	4800 / 2150	5200 / 2200	5400 / 2500	
1768	26P	1200	2700 X 2750	3100 X 3150	1800	2150	4800 / 1600	4800 / 2150	5200 / 2200	5400 / 2500	
		1200	2750 X 2650	3150 X 3050	1900	2000					

2S = TELESCOPIC OPENING

2CO = CENTER OPENING

NOTE: - Mentioned overhead is only for 2000mm Door height / 2200 Car height, If Door Height is increased, required overhead will be increased respectively.

As per the local bylaws there might be slight variations in the overhead & pit sizes demanded by the inspectorate.

# ELEVATOR DIMENSION

# 02

TECHNO REGULAR PRODUCT STANDARD ((Telescopic Opening))											
Capacity (kg)	No. of pass	Opening Width (mm)	Minimum Shaft Size (W x D)	Maximum Shaft Size (W x D)	Maximum Car Size (W x D)		Required overhead / Pit up to 1.5 mps	Required overhead / Pit up to 1.75 mps	Required overhead / Pit up to 2.00 mps	Required overhead / Pit up to 2.50 mps	
			1.0 to 2.5 mps	1.0 to 2.5 mps	Width	Depth					
408	6P	800	1600 X 1600	1900 X 1900	900	1150	4800 / 1600	4800 / 2150	5200 / 2200	5400 / 2500	
		800	1650 X 1600	1950 X 1900	950	1150					
		800	1700 X 1550	2000 X 1850	1000	1100					
544	8P	800	1800 X 1450	2100 X 1750	1100	1000	4800 / 1600	4800 / 2150	5200 / 2200	5400 / 2500	
		800	1650 X 1850	1950 X 2150	950	1400					
		800	1700 X 1850	2000 X 2150	1000	1400					
		900	1800 X 1750	2100 X 2050	1100	1300					
		900	1900 X 1750	2200 X 2050	1200	1300					
680	10P	900	1800 X 2050	2100 X 2350	1100	1600	4800 / 1600	4800 / 2150	5200 / 2200	5400 / 2500	
		900	1900 X 1900	2200 X 2200	1200	1450					
		900	2000 X 1800	2300 X 2100	1300	1350					
		1000	2150 X 1950	2550 X 2350	1200	1500					
		1000	2150 X 2550	2550 X 2950	1300	2100					
		1000	2200 X 2500	2800 X 2850	1400	2000					
884	13P	1000	2000 X 2150	2400 X 2550	1300	1700	4800 / 1600	4800 / 2150	5200 / 2200	5400 / 2500	
		1000	2150 X 2850	2550 X 3250	1400	2400					
		1000	1850 X 2650	2250 X 3050	1100	2200					

# ELEVATORS - IP54/IP55

## TYPE OF PROTECTION IN COMPLIANCE WITH DIN EN 60529 / DIN VDE 0470 / IEC 529

In industrial plant engineering and construction, IP54 is a typical requirement. An overview of the composition of the IP code (International Protection Code) is provided below.

FIRST CODE NUMBER	MEANING	
DIN EN 60529	PROTECTION AGAINST FOREIGN BODIES	PROTECTION AGAINST CONTACT
IP 0X	No protection	No protection
IP 1X	Protected against solid foreign bodies with $\varnothing > 50$ mm	Protected against access with the back of the hand
IP 2X	Protected against solid foreign bodies with $\varnothing > 12.5$ mm	Protected against access with a finger
IP 3X	Protected against solid foreign bodies with $\varnothing > 2.5$ mm	Protected against access with a tool
IP 4X	Protected against solid foreign bodies with $\varnothing > 1.0$ mm	Protected against access with a wire
IP 5X	Protected against dust of a damaging quantity	Complete protection against contact
IP 6X	Dust proof	Complete protection against contact

SECOND CODE NUMBER	MEANING
DIN EN 60529	PROTECTION AGAINST WATER
IP X0	No protection
IP X1	Protected against vertically falling water droplets
IP X2	Protected against falling water droplets, even if the housing is inclined by up to 15°
IP X3	Protected against falling spray water, even if the housing is inclined by up to 60°
IP X4	Protection against splash water on all sides
IP X5	Protected against water jets (Nozzle) from any angle
IP X6	Protected against strong water jets from any angle
IP X7	Protected against temporary immersion
IP X8	Protected against permanent immersion

SPECIFICATIONS IN COMPLIANCE WITH DIN EN 605296 (VDE0470-1):2000-09 TYPES OF PROTECTION BY HOUSING (IPCODE) (IEC60529:1989+A1:1999).

## INCREASED TYPE OF PROTECTION EXPLOSION PROTECTION

EXAMPLE	EX	II	2G	Ex	ib	IIB	T3
SEE POINT	1	2	3	4	5	6	7

1) EXPLOSION PROTECTION DESIGNATION for devices, components and protection systems  
2) & 3) DEVICE GROUP And DEVICE CATEGORY

DEVICE GROUP	I - MINING		II - OTHER AREAS						
	DEVICE CATEGORY		M1	M2	1G	1D	2G	2D	3G
IN ACCORDANCE WITH EPL*		Ma	Mb	Ga	Da	Gb	Db	Gc	Dc
ZONE				0	20	1	21	2	22
DANGER					Continuous, frequent Or over a longer period	Occasionally		Rare And Brief	
REQUIREMENT	Very High Level Of Safety	High Level Of Safety	Very High Level Of Safety	High Level Of Safety		Normal Safety			

G-Gas, D-Dust,\* alternative designation in accordance with IEC/EN 600079-0.

4) SYMBOL DESIGNATION if EN 60079 (gases/vapours) and/or IEC/EN 61241 (dusts) are applied  
5) TYPE OF IGNITION PROTECTION for electrical devices

TYPE OF PROTECTION	SYMBOL		ZONE	RE PRESENTATION	NORM
	STANDARD	ALTERNATIVE			
INCREASED SAFETY	e	eb	1		IEC 60079-7, EN 60079-7, ISA 60079-7
PRESSURE-PROOF ENCAPSULATION	d	db	1		IEC 60079-1, EN 60079-1, ISA 60079-1
OVERPRESSURE ENCAPSULATION	pz	pzc	2		IEC 60079-2, EN 60079-2, ISA 60079-2
INTRINSIC SAFETY	lb	lb	1		IEC 60079-11, EN 60079-11, ISA 60079-11
INTRINSIC SAFETY	ic	ic	2		IEC 60079-11, EN 60079-11, ISA 60079-11



# SAFETY FEATURES

## AUTO RESCUE DEVICE

It should be "In case of a main power supply failure, the lift stopped between two floors is moved to nearest floor in the downward direction, the automatic door is opened and passengers are out safely"

## INFRARED LIGHT CURTAIN

Full height infra red curtain with multiple cross-crossing light beams detect the smallest obstruction in door path and stop doors from closing.

## OVER LOAD SENSOR WITH AUDIO VISUAL INDICATION

On overloading of the lift, car audio-visual indication is provided and doors are kept open till excess load is removed.

## CAR EMERGENCY LIGHT & FAN

The emergency light is always illuminated in normal condition and switches itself automatically to battery back up in case of power failure as shown in picture. (Block-D) Fan also operates for minimum 20 minutes after power failure.

## EMERGENCY ALARM & 'PUSH TO TALK'

In case of any emergency or power failure, help can be obtained by alarming or by communicating at lobby through this system which is battery operated and self charging as shown in picture. (Block-E)

## SAFETY IN CASE OF OVER TRAVEL

Three phase electric power is disconnected from control panel and motor, the moment elevator car moves beyond the limit of top and bottom terminal floors causing immediate application of the brake to bring the elevator to halt.

## SAFETY IN CASE OF ROPE BREAKAGE

In the elevator of breakage of ropes, elevator speed exceeds the rated speed in the downward direction due to gravitational acceleration. the over speed governor activates the clutch mechanism thereby switching off main controls and jamming the elevator car safety on guide rails.

## CAR FAN AUTOMATIC SLEEP

Carfan automatically stops when there are no registered floor calls resulting into saving in power and enhancing its life.

## VOICE ANNUNCIATOR WITH MUSIC

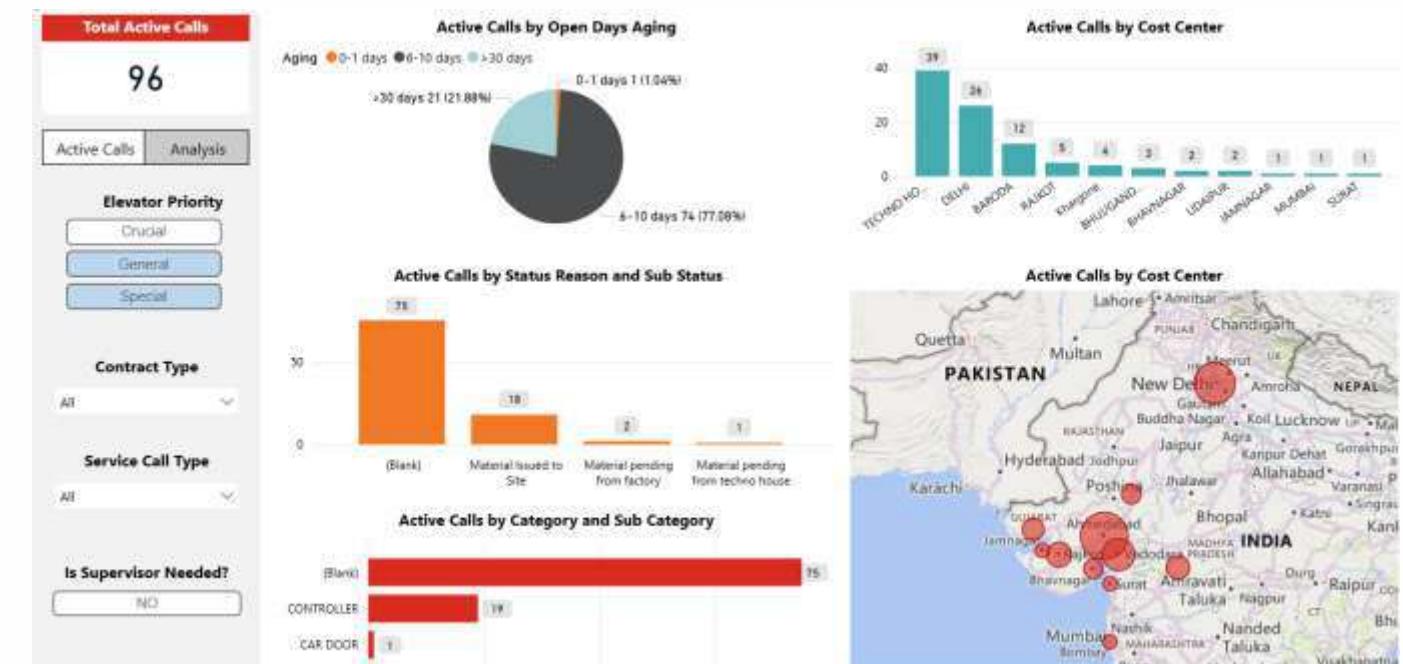
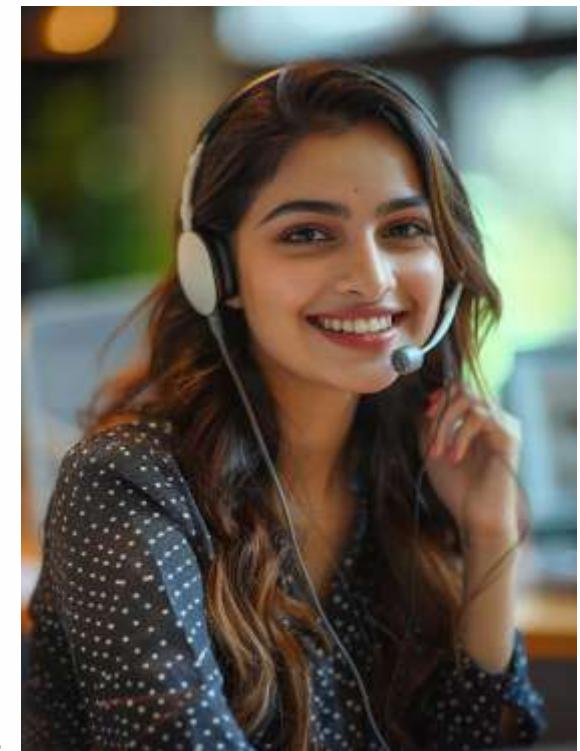
This system provides detailed information to passengers related to next floor, direction of movement, door opening/closing, scheduled operations and other information depending on the building needs. This system features natural electronic voice synthesizers.

## NOTE

All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement

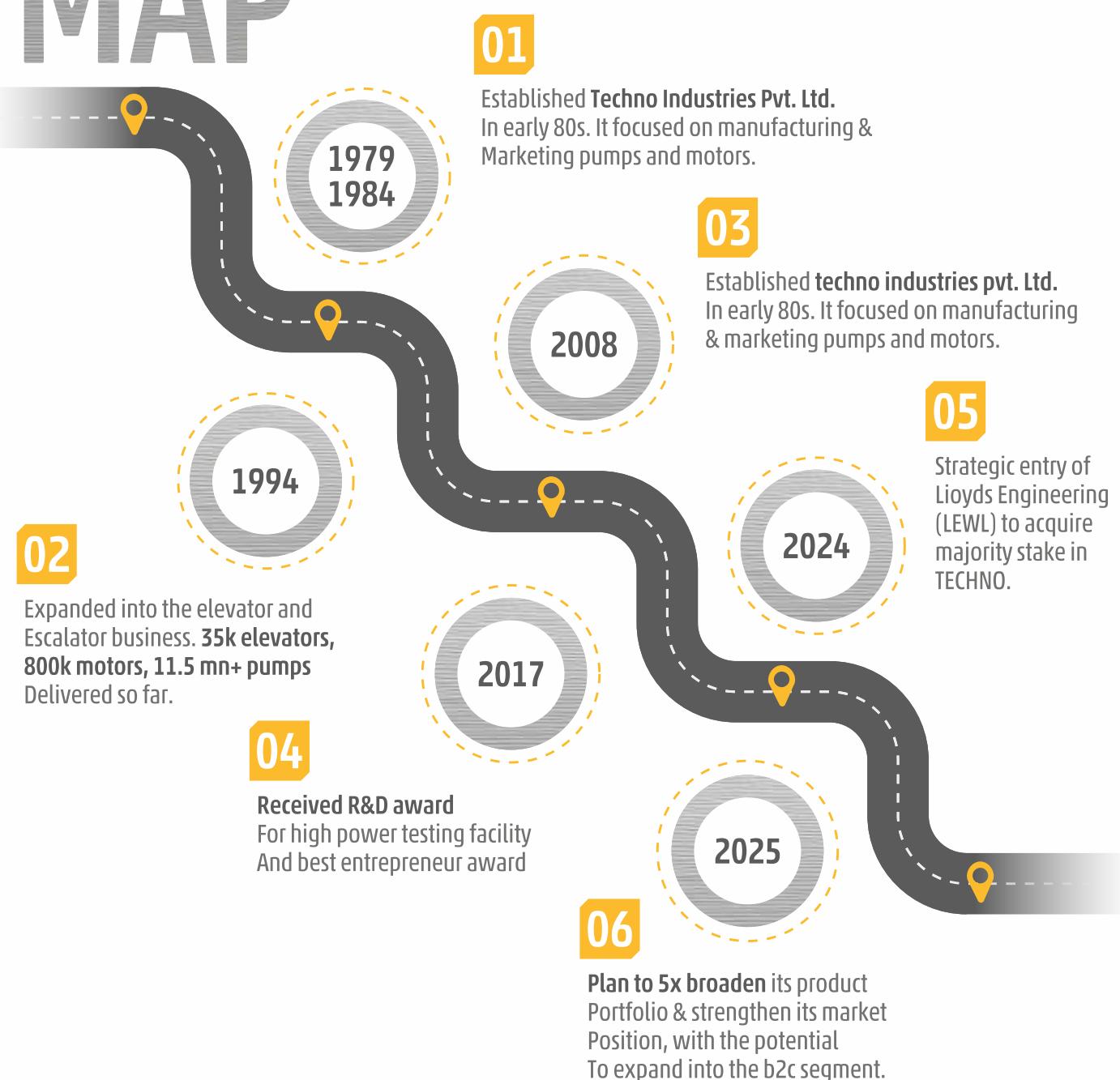
# ROUND THE CLOCK CUSTOMER SUPPORT

A centralized dashboard that empowers Techno's team to seamlessly track, analyze, and manage active client service calls-backed by Microsoft's robust analytics platform.



 **TOLL FREE LINE**  
**1800-102-5222**

# OUR ROAD MAP



# OUR CLIENTS



## EFFORTLESS CONTROL FOR EVERYONE

Our intuitive control panel is designed for ease whether you're 8 or 80, one touch is all it takes



## SMOOTH SILENT SMART MOBILITY FOR EVERY BUILDING

Anytime assistance to keep your family moving safely

PASSENGER & VILLA ELEVATOR

PASSENGER & VILLA  
ELEVATOR

TECHNO  
LLOYDS ENGINEERING WORKS LIMITED



## ENGINEERED FOR EVERY JOURNEY

Our passenger lifts are designed with world-class technology to deliver safe, smooth, and efficient travel experiences for residential, commercial, and institutional spaces.

## PASSENGER CAPACITY THAT FITS ALL NEEDS

From 6 passengers to 30 passengers, including stretcher lifts designed for seamless patient transport.

## STOPS & TRAVEL HEIGHT

Up to 40 stops with a maximum of 120 meters travel height, ensuring accessibility in high-rise buildings.

## SPEED OPTIONS

0.65 m/s to 4.0 m/s (MRL) for swift and efficient vertical mobility.

For projects requiring higher speeds, customized solutions can be tailored to your requirements.

## STRONG. SPACIOUS. RELIABLE

Built to last in the most rugged conditions

Best in class car areas in given lift well sizes

Engineered for maximum uptime guarantee

## TYPE VARIANTS

Traction Lifts for medium to high-rise applications with superior energy efficiency. Hydraulic Lifts (up to G+4 stops and 12 meters travel) for low-rise buildings, offering economical installation and smooth operation.

## BUILT TO BLEND & LAST

A wide choice of cabin finishes, fixtures, and designs to complement modern architecture, backed by durable engineering for long-term reliability.

## SAFETY FIRST

Equipped with advanced protection systems, emergency communication, and auto rescue devices for complete peace of mind.

## SMART CONVENIENCE

Intelligent controls for energy savings.

Smooth ride with minimal noise and vibration.

User-friendly interface for effortless operation.

## DESCRIPTION

Elegant, smooth, and energy-efficient elevators designed for residential and commercial spaces. Available with automatic doors, stylish cabins, and user-friendly controls.

## SPECIFICATIONS

- Capacity: 4 to 30 Persons (320 kg to 2040 kg)
- Speed: 0.65 m/s to 4.0 m/s
- Travel Height: Up to 160 m
- Drive Type: Gearless / MRL
- Doors: Centre Opening / Telescopic
- Finish: Stainless Steel / Glass / Custom Interiors

## CABINS THAT FIT YOUR WORKFLOW

Fully customizable cabins to suit your material, industry, and movement patterns.



### DESCRIPTION

Heavy-duty lifts engineered for safe & reliable transport of materials in industrial and commercial buildings.

### SPECIFICATIONS:

- Capacity: 500 kg to 15000 kg
- Speed: 0.30 m/s to 1 m/s
- Drive Type: Geared / Hydraulic
- Door Type: Manual Collapsible / Auto / Vertical Bi-parting
- Car Finish: MS Painted / S.S
- Flooring: Rubber / Chequered Plate
- Usage: Factories, Warehouses, Showrooms

## HEAVY LOADS SMOOTH MOVES

Engineered for Industrial Strength.



# GOODS ELEVATOR

 **TECHNO**  
LLOYDS ENGINEERING WORKS LIMITED



## ENGINEERED FOR EVERY NEED

Choose from MRL, Geared, and Hydraulic models tailored to your operational demands and site conditions.

## BUILT TO BRAVE THE ELEMENTS

With dust-proof, waterproof, sand-proof, fire-resistant, and even bird-proof options, our elevators are made for the toughest environments.

## PRECISION AUTO-LEVELING

Smooth alignment at every floor for safe and hassle-free loading and unloading no matter the weight.



## REMOTE-CONTROLLED, HIGH-CLEARANCE DOORS

Operate doors effortlessly with remote access plus enjoy extra-wide openings up to 4 meters for bulky loads.

## PENDULUM IMPACT TESTED

Each door undergoes pendulum impact testing to verify mechanical strength, resistance to deformation, and durability under real-world operating conditions

## FIRE-RESISTANT DOORS

Manufactured from multi-layer insulated steel panels to resist heat and flame spread, offering up to 120 minutes of fire protection.

## DESCRIPTION

Smart car lifts for parking and showrooms, offering high performance, precision control and space optimization.



## SPECIFICATIONS:

- Capacity: 2500 kg to 4500 kg
- Speed: 0.25 m/s to 0.50 m/s
- Platform Size: Up to 2.8 m x 6.0 m
- Drive Type: Hydraulic / Traction
- Door Type: Manual Swing / Automatic Shutter
- Safety: Limit Switch, Sensor, Anti-Skid Flooring

SMART PARKING • SMOOTH MOVEMENT • SPACE EFFICIENCY

## HIGHLIGHTS

- Designed for residential, commercial, and showroom parking solutions
- Enables vertical vehicle movement in limited spaces
- Heavy-duty design with precision control and stable operation
- Hydraulic or Traction drive options available
- Anti-skid platform ensures safe car positioning
- Auto door / shutter type entry for smooth access
- Microprocessor-based control system for reliability
- Soft-start and stop (VVVF drive) for jerk-free motion
- Emergency stop, interlock, and alarm for maximum safety
- Compact pit and headroom requirement – ideal for retrofits
- Noise-free, oil-leak-proof design for clean operation
- Custom cabin finishes and platform sizes as per car model
- IS 17900 compliant and 100% Make in India product



CAR  
ELEVATOR  
PAGE

# CARE AND COMFORT IN MOTION

Smooth, Safe & Silent  
Because Every Life Matters



## DESCRIPTION

Hospital-grade elevators with wide doors, accurate levelling, and vibration-free movement to ensure patient safety and comfort.

## SPECIFICATIONS:

- Capacity: 884 kg to 1600 kg
- Speed: 0.50 m/s to 1.50 m/s
- Car Size: 1100 mm x 2100 mm x 2300 mm (W x D x H)
- Drive Type: Gearless / MRL
- Control System: VVVF Drive for Smooth Operation
- Safety: Emergency Alarm, Intercom, Auto Rescue Device

SAFE • SPACIOUS • RELIABLE FOR HEALTHCARE MOBILITY



STRETCHER ELEVATORS

# STRETCHER ELEVATOR

**TECHNO**  
LLOYDS ENGINEERING WORKS LIMITED



## SEAMLESS AUTO-LEVELING

Smooth, accurate floor alignment ensures effortless jerk-free entry and exit especially critical for patients on stretchers and wheelchairs.

## WIDE OPENINGS, ZERO HASSLES

Spacious door options make room for swift, stress-free movement of medical staff, patients, and equipment.

## UNINTERRUPTED EMERGENCY RESCUE

Advanced power backup and rescue systems guarantee safe transport even during power outages.



## ALWAYS PRIORITIZED, NEVER PAUSED

Our Non-Stop Emergency Mode keeps things moving when every second counts.

## CLEAN, BRIGHT & HEALING BY DESIGN

Modern, hygienic interiors with bright finishes to uplift the hospital environment and enhance visibility.

## BUILT-IN SAFETY, REINFORCED RELIABILITY

Beyond standard safety features, our system includes multi-layered hydraulic protections like safety valves and limited speed disconnects ensuring peace of mind at every level



## ELEGANCE IN MOTION ELEVATION WITH A VIEW

Panoramic Elevators combine engineering precision with architectural elegance creating a statement piece for any modern building. With 360° glass visibility, advanced control systems, and silent operation, these elevators redefine the way people experience movement between floors. Perfect for malls, hotels, corporate offices, and luxury residences, Panoramic Elevators bring style, comfort, and sophistication together.



## PANORAMIC & HYDRAULIC ELEVATOR

**TECHNO**  
LLOYDS ENGINEERING WORKS LIMITED

## DESCRIPTION

Architectural showpieces that combine aesthetics with performance. Hydraulic lifts ideal for villas and low-rise buildings.



## SPECIFICATIONS:

- Capacity: 4 to 20 Persons (320 kg to 1360 kg)
- Speed: 0.30 m/s to 1.00 m/s
- Drive Type: Hydraulic / Traction
- Cabin: 180° or 360° Glass Panels
- Special Feature: Machine-Room-Less Option

"Where Architecture Meets Elevation."  
"Designed to Move with Grace and Style."  
"Luxury in Every Rise."  
"Panoramic Views, Hydraulic Precision."



## NO OVERHEAD MACHINE ROOM? NO PROBLEM.

Hydraulic elevators offer unmatched flexibility install the machine room within 10 meters of the shaft, wherever it fits your design best. No top room required!

## HEAVY LIFTING MADE EASY

Engineered for strength with large cabin options to effortlessly carry heavy loads. Ideal for high load applications with limited space.

## MAXIMIZE SPACE, MINIMIZE COSTS

No counterweight means more usable shaft space and lower construction expenses. Plus, it consumes zero power while descending, saving energy with every trip down.

FIRE  
EVACUATION  
ELEVATORS

Engineered for  
Safe Vertical Evacuation –  
IS 17900:2023 Compliant



## DESCRIPTION

A high-performance fire evacuation elevator built with fire-rated materials, emergency power systems and advanced safety features to ensure safe evacuation and firefighter access during fire incidents. Suitable for high-rise residential, commercial, hospitals and mixed-use buildings.

## SPECIFICATIONS:

- Capacity: 1000-1600 kg
- Speed: 1.0-4.0 m/s
- Fire Rating: 2-hour fire-resistant cabin & door
- Power Backup: Auto-rescue + emergency power supply
- Communication: Two-way voice, fireman intercom, CCTV
- Standard: IS 17900:2023
- Enables safe vertical evacuation when stairs are unsafe
- Essential for seniors, children, disabled & medically unfit persons
- Firefighters reach affected floors faster with equipment
- Reduces panic and congestion in staircases
- Supports stretchers, wheelchairs & rescue tools
- Reduces rescue time by up to 90%
- Protects users from smoke & toxic gases
- Works continuously with emergency power
- Suitable for buildings up to 300 m height



## SAFETY FEATURES

- SS-304 fire-rated insulated panels
- Anti-skid vinyl flooring
- Fire-rated vision panel
- Smoke-control door system
- Built-in firefighter tools & first-aid box
- Emergency glow lighting
- Automatic interface with fire alarm
- Smooth ride for injured occupants
- Customizable cabin as per project needs

## ADVANTAGES

- Saves lives with fast evacuation cycles
- Allows fire personnel to operate directly from ground floor
- Designed as per NBC, CE & ASTM global safety standards
- Reliable performance with 5-source power redundancy
- Ideal solution for high-rise emergency preparedness

# DESIGNS THAT SPEAK FUNCTION & FLAIR

## Artful Lines

Elegant, flowing profiles that enhance modern spaces

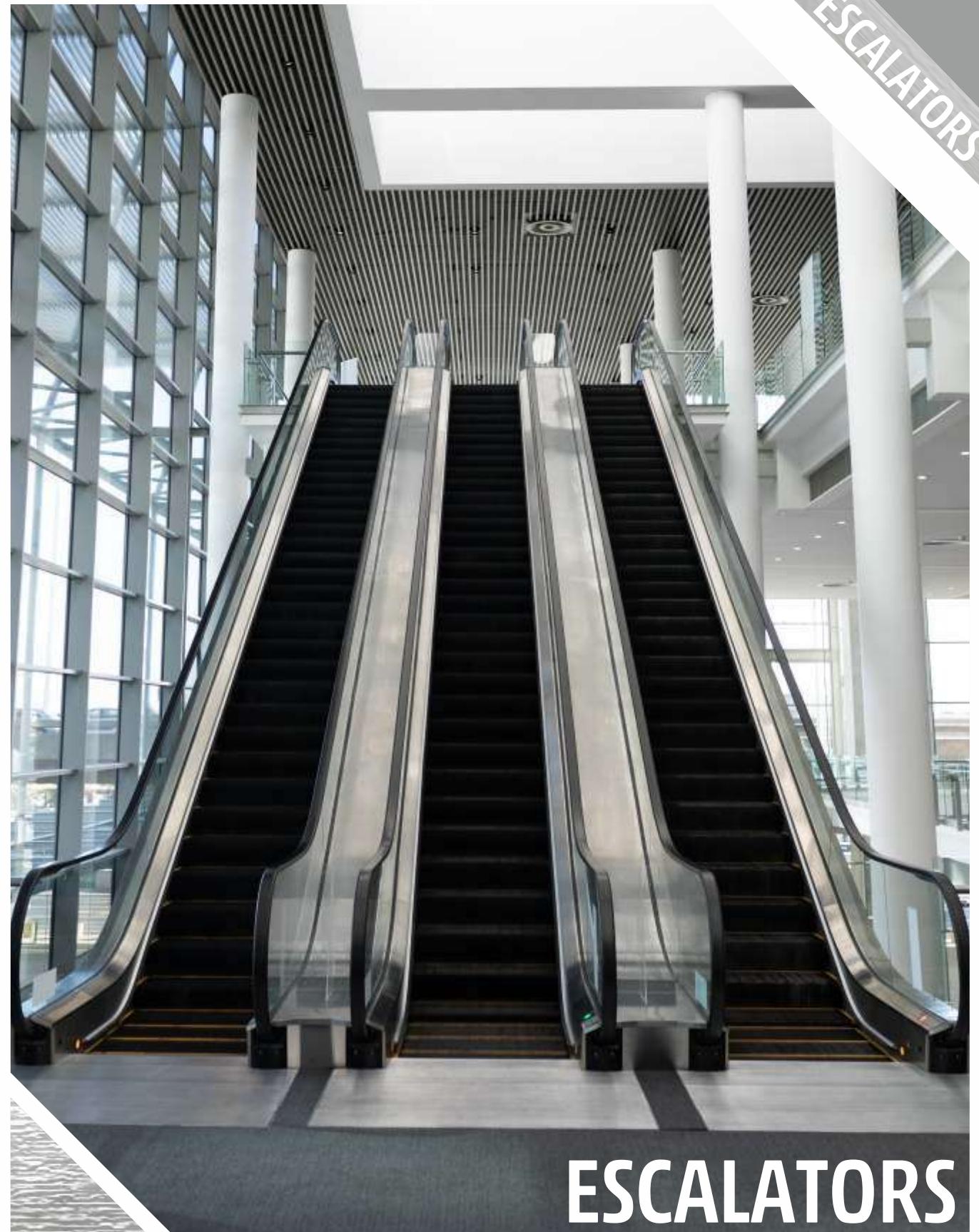
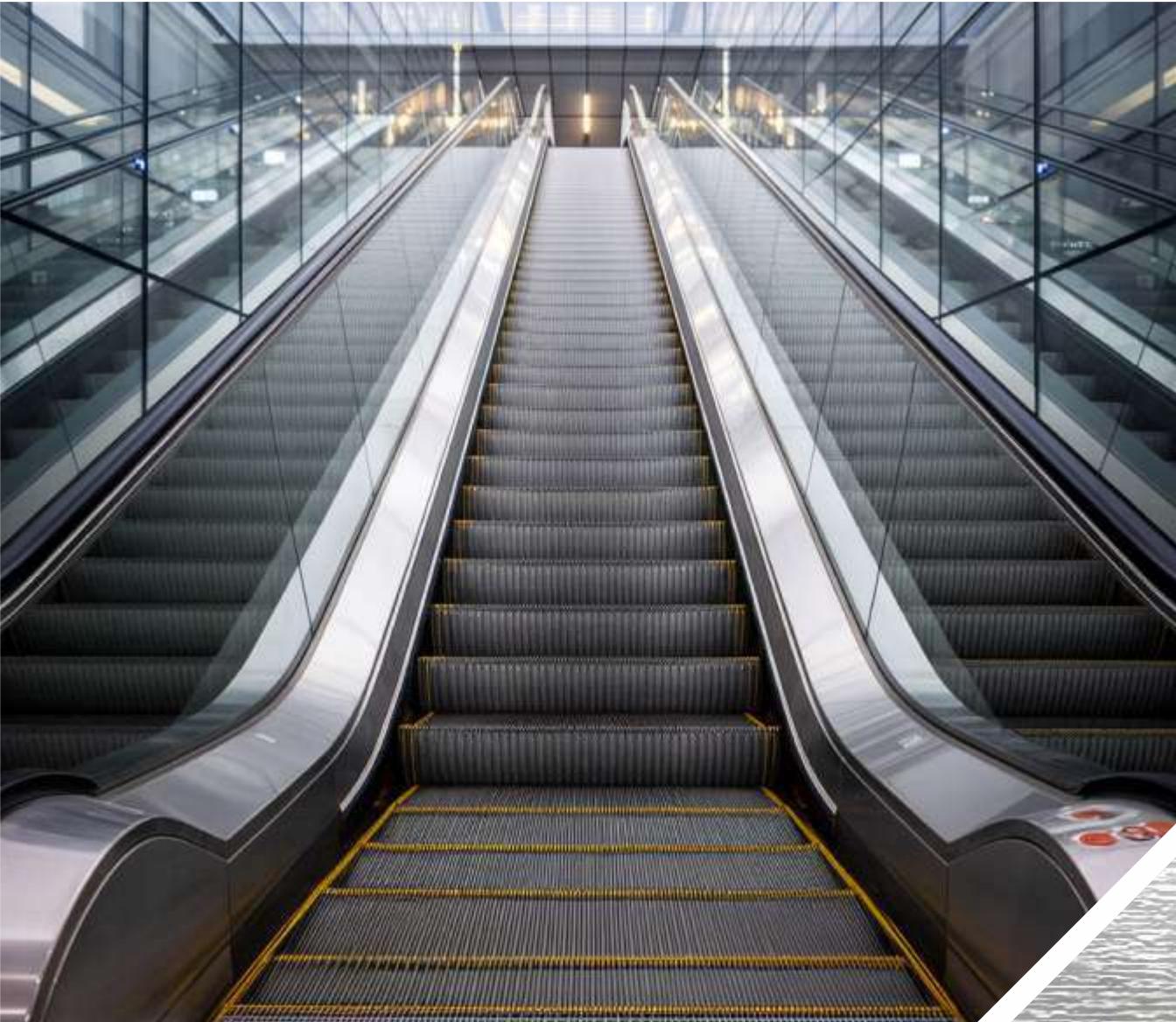
## Safety First

Intelligent systems that eliminate common risks before they arise

## Built Tough

Robust framework ensures strength, comfort, and low noise

**Proudly Moving India Upward**



# ESCALATORS

 **TECHNO**  
LLOYDS ENGINEERING WORKS LIMITED

## DESCRIPTION

Durable and modern escalators designed for high-traffic commercial environments with smooth operation and low maintenance.



## SPECIFICATIONS

- Inclination: 30° / 35°
- Step Width: 600 mm / 800 mm / 1000 mm
- Speed: 0.5 m/s
- Capacity: Up to 9000 persons/hour
- Drive System: Chain Drive / VVVF Controlled
- Application: Malls, Metro & Railway Stations, Airports & Foot over Bridges

## ENGINEERED TO LAST

Crafted with high-strength rectangular truss steel that resists corrosion and delivers long-lasting structural stability.

## PRECISION IN MOTION

World-class step engineering and large-diameter step rollers ensure ultra-smooth operation, reduced noise, and extended product life.

## SILENT STRENGTH MEETS SOPHISTICATED DESIGN

A streamlined, modern aesthetic with soft contours and premium materials—blending seamlessly into any architectural space.



## SMART MONITORING FOR PEACE OF MIND

With a super CPU main board, the escalator monitors itself in real time automatically braking and logging error codes if anything goes off-track.

## USER-CENTRIC SAFETY

From brushed handrail entries to stainless-steel skirts and decks, every detail is designed for user comfort and security.

## EFFICIENT BY DESIGN

Optional VVVF drive system adapts speed for energy savings, quieter operation and longer service life cutting costs without compromising performance



## GEARLESS MACHINE

Built for projects where traditional gear systems are preferred, offering flexibility in speed, load, and configuration.



### SPECIFICATIONS

- Speed Options : 0.5 to 4.0 m/s – adaptable to your project's pace
- Roping Configurations : 1:1 or 2:1 for flexibility in load & travel
- Rope Diameter : 08-16 mm – engineered for strength & durability
- Sheave Diameter : Available in 21", 22", and 25" – smooth traction & minimal wear



**ELEVATOR  
MACHINES**

**TECHNO**  
LLOYDS ENGINEERING WORKS LIMITED



## WHY TECHNO MOTOR?

Techno Elevator's motor is a best-in-class solution, engineered entirely in-house to meet the intensive demands of modern industry. With top-class braking efficiency that reaches up to 2.5 times the initial torque, it ensures smooth stops, enhanced load control, and operational safety. Built within Techno's advanced manufacturing setup, the motor delivers precision, durability, and consistent performance, making it a trusted choice for high-performance industrial applications.

## MRL (MACHINE ROOM-LESS) ELEVATORS

### TGL408 – COMPACT PERFORMER

- Suspension: 2:1
- Voltage: 380V
- Brake: DC 110V / 1.25A
- Weight: 148 kg
- Max. Static Load: 1600 kg

**Best For :** Restricted overhead space – MR or MRL setups

**Strength :** Lightweight yet reliable for mid-capacity lifts

### TGL544 – ENHANCED LOAD HANDLER

- Suspension: 2:1
- Voltage: 380V
- Brake: DC 110V / 1.25A
- Weight: 165 kg
- Max. Static Load: 2000 kg

**Best For :** Space-constrained installations with higher load needs

**Strength :** Boosted load capacity while maintaining compactness

## WHY THE RESTRICTED SPACE GEARLESS MACHINE SERIES STANDS OUT

**INNOVATION INSIDE** – Global elevator technology delivering unmatched performance and reliability.

**SILENT STRENGTH** – Smooth, whisper-quiet rides with near-zero vibration.

**DESIGN WITHOUT LIMITS** – No machine room required for total architectural freedom.

**EFFICIENCY IN MOTION** – Lower electricity bills without sacrificing performance.

**SMALLER FOOTPRINT, BIGGER SAVINGS** – Compact design reduces shaft requirements, cutting costs and installation time.

**SAFETY FIRST, ALWAYS** – Advanced protection systems for total passenger confidence.

### TGL680 – BALANCED POWER & SPACE

- Suspension: 2:1
- Voltage: 380V
- Brake: DC 110V / 1.25A
- Weight: 170 kg
- Max. Static Load: 2000 kg

**Best For :** Medium duty lifts in MR or MRL applications

**Strength :** Perfect balance between weight and performance

### TGL884 – HEAVY DUTY RELIABILITY

- Suspension: 2:1
- Voltage: 380V
- Brake: DC 110V / 2.2A
- Weight: 223 kg
- Max. Static Load: 3000 kg

**Best For :** High-capacity vertical transport with space limitations

**Strength :** Sturdy build for heavy-duty applications

### TGL1088 – INDUSTRIAL GRADE STRENGTH

- Suspension: 2:1
- Voltage: 380V
- Brake: DC 110V / 2.2A
- Weight: 235 kg
- Max. Static Load: 3000 kg

**Best For :** Large commercial or industrial projects

**Strength :** Robust motor with dependable performance under heavy loads

### TGL1360 – MAXIMUM LOAD MASTER

- Suspension: 2:1
- Voltage: 380V
- Brake: DC 110V / 2.2A
- Weight: 247 kg
- Max. Static Load: 3800 kg

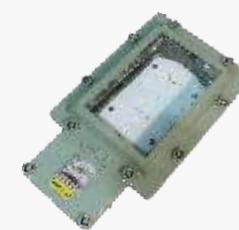
**Best For :** Extreme load requirements in space-constrained sites

**Strength :** Highest load capacity in the series with full reliability

## PRODUCT BENEFITS FACT SHEET FOR INDUSTRIAL ELEVATORS



FLP - LIMIT SWITCH LEVER TYPE



FLP - LIGHT



FLP - CONTROL PANEL (OUTER)



FLP - SHAFT LIGHT



FLP - CONTROL PANEL (INNER)



FLP - FLP GLAND



FLP - PLUG SOCKET WITH SWITCH



FLP - TELEPHONE

### NEXT LEVEL SAFETY

- Systems correspond to DIN EN 81-1: 1998+A3, with CE marking.
- Precise stops for simple loading and unloading also of high loads.
- Safe deployment in areas with higher risk for the type of protection (for ex. IP54) or in hazardous zones in partially or completely explosion proof version.

### NEXT LEVEL FLEXIBILITY

- In line with the requirements, the matching elevator technology is selected from the broad and flexible range of Techno products and adapted to the increased enclosure protection class.
- Industrial elevators can be integrated economically into individual and diverse transport and logistics tasks, and can even become integral constituent parts of production processes.

## FLP TRACTION MACHINE



### NEXT LEVEL ECONOMIC EFFICIENCY

- Worldwide presence and local service locations with short response times.
- Service hotline directly to the manufacturer's plant in seven languages.
- Long-term and fast spare part availability.

### NEXT LEVEL RELIABILITY

- High reliability resulting from the inclusion of proven components.
- The latest control system technology and use of only high-quality materials.

### NEXT LEVEL QUALITY

- The inclusion of resilient technology with rugged and solid equipment for operation under extreme stresses.
- Special corrosion protection ensures a long service life even under demanding ambient conditions.

### INDUSTRIAL ELEVATORS

In the environment of industrial systems, elevators are exposed to particularly high stresses. They are also frequently an indispensable means of conveyance and directly or indirectly integrated into production processes. The aspects of ruggedness and reliability, but also of economy, are of outstanding importance.

Under hazardous conditions with requirements for higher types of protection, for example deployment in cement works, oil and gas refinery systems, the requirements increase yet again. The decades of experience in the development, project planning, installation and maintenance of such complex systems enable Techno as a partner to provide the necessary safety for the most demanding customers that operate worldwide.

## OPTIMIZED TO YOUR REQUIREMENTS & CLASSIFICATIONS



FLP - FIREMAN SWITCH



FLP - FAN



FLP - EMERGENCY STOP



FLP - SFU



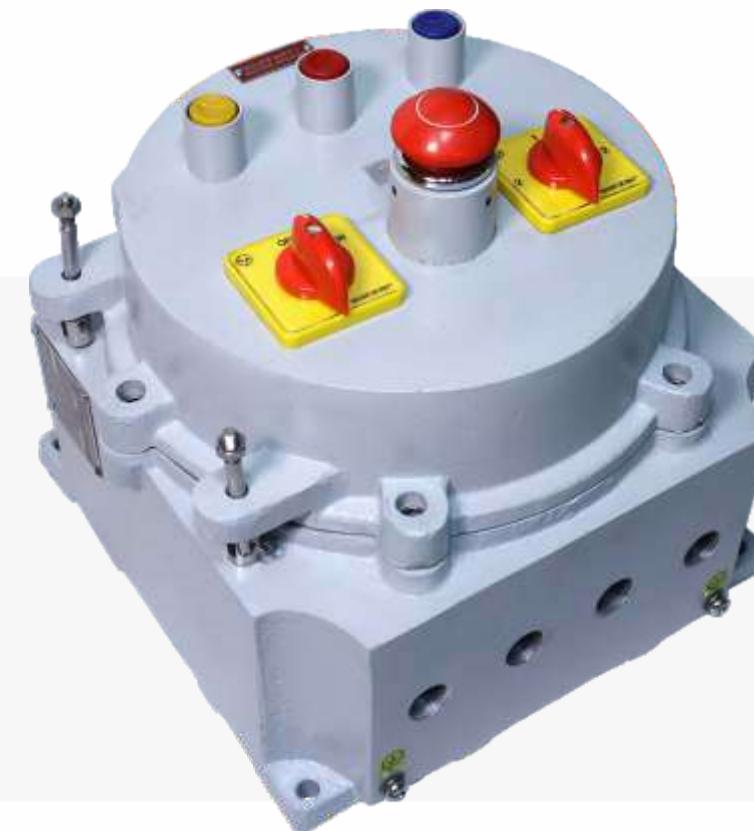
## FIRE FIGHTING PUMP WITH FLP MOTOR

### PROTECTION- AGAINST WHAT?

In many branches of industry, such as cement manufacturing, crude oil and natural gas production, in mining and many other branches of industry, gases, vapours or sprays escape during the manufacture, processing, transport and storage of flammable substances. In many processes, above all in the foodstuffs industry, flammable dusts are also generated. These gases, vapours, sprays and dusts hamper the workflow and, in the worst case, mixed with the oxygen in the air, form an explosive atmosphere.

If this atmosphere is ignited, explosions occur that can lead to severe personal injury and extensive damage to property. To avoid the danger of explosions, protective regulations in the form of laws, ordinances and standards have been developed in most countries to ensure a high safety level. The design, construction as well as all processes during the manufacture of our elevator systems have been rigorously conceived to comply with the strict requirements with regard to failures, accidents or damage.

## FLP INSPECTION BOX



### PROTECTION CLASSES

IP CODES  
(INTERNATIONAL PROTECTION)

EXPLOSION  
PROTECTION  
(PARTIAL / FULL EX)

CORROSION  
PROTECTION

### PROTECTION REQUIREMENTS

AGAINST DUST  
& WATER

AGAINST FLAMMABLE  
GASES & DUST

AGAINST  
CORROSIVE  
ENVIRONMENTS  
(FOR EXAMPLE NITRATE,  
SEAWATER ETC.)

### AREAS OF APPLICATION

IN CEMENT /  
MINERAL STEEL  
INDUSTRY ETC.

IN PETROCHEMICAL,  
CHEMICAL / GAS  
INDUSTRY & IN  
POWER STATIONS

CHEMICALS  
INDUSTRY, SITES CLOSE  
TO THE COAST

### ADVANTAGES

SAFE-OPERATING  
ELEVATORS THANKS  
TO INCREASE DUST  
PROOFING & WATER  
PROOFING

REDUCED DANGER OF  
EXPLOSION AS A RESULT  
OF CERTIFIED COMPONENTS AS  
WELL AS SUITABLE NON-  
ELECTRICAL MATERIALS.  
FOR EXAMPLE INTRINSICALLY SAFE  
ELECTRICAL CIRCUITS, PRESSURE-PROOF  
ENCAPSULATION, STAINLESS STEEL ETC.

LONG SERVICE  
LIFE OF THE  
ELEVATORS THANKS TO  
MULTI-LAYER PAINTED  
OR POWDER COATED  
SURFACES