RICARDO

Built for Life's next Chapter

WWW.RICARDOELVATORS.COM

01

Ricardo Elevators is a home elevator brand focused on creating elegant, *reliable, and design-integrated* vertical mobility solutions for modern homes.

Certifications & Awards Corporate Backing

Subsidiary of L. T. Elevator Limited
BSE Listed Public Company (BSE: 543940)

Quality & Regulatory

ISO 9001:2015 certified
Udyam MSME registered
Licensed under the Directorate of Factories

Standards & Compliance

Engineered to Bureau of Indian Standards
IS 14665 & IS 17900
Registered under respective State Lifts & Escalators Acts across all operating regions



Manufacturing Facility

Built at L. T. Elevator Limited's flagship Kolkata plant
ISO 9001:2015 certified · Licensed under Directorate of Factories, Govt. of West Bengal
Operational since 2009

Technology

Precision in-house fabrication paired with premium ***European technology***
World-class traction, control systems and hydraulic power units
Home to ***India's first powder-coated Malaysian Shaft*** — engineered for ***pitless, headroom-free installations***

Geography & Footprint



** Not to scale · For visual reference only*

02

Home Elevators: Ralph Series



Designed exclusively for residences
Space-efficient footprint.

- 2 drive options — Rope Drive and Belt Drive
- Five distinct models
- Floors supported — G+1 up to G+4
- R-1000 — zero civil work required
- Door — Swing-Sensor or Auto-Door depending on model
- Complimentary Door Vision Panel on select models
- Fully customisable cabin and landing door

Range at a Glance

MODEL	BEST FOR
R-1000	No civil work needed — all-in-one self-contained unit
Ralph 200	Civil shaft with swing-sensor door; complimentary DVP
Ralph 300	Civil shaft with auto-door
Ralph 400	Own shaft included (indoor or outdoor); auto-door
Ralph 500	Own shaft included (indoor or outdoor); swing-sensor door; complimentary DVP

Key Differentiators:

- Factory-supplied shaft options eliminate dependence on civil contractors
- Both rope and belt-drive available across the range
- Five finish tiers from Standard to Luxury XL
- Complimentary Door Vision Panel on 200 and 500 series
- RAL colour selection on R-1000

Tailored For:

Villas, independent homes, duplexes, triplexes, and residential buildings up to G+4



R 1000

SHAFT
INCLUDES SHAFT + LIFT IN ONE UNIT

DRIVE
ROPE

DOOR TYPE
MANUAL SWING DOOR

FLOORS
G+1 TO G+3

**Own Shaft Included*



Ralph 200

SHAFT
CIVIL (CUSTOMER-BUILT)

DRIVE
ROPE / BELT

DOOR TYPE
MANUAL SWING DOOR

FLOORS
G+1 TO G+4



Ralph 300

SHAFT
CIVIL (CUSTOMER-BUILT)

DRIVE
ROPE / BELT

DOOR TYPE
AUTO-DOOR

FLOORS
G+1 TO G+4



Ralph 400

SHAFT
INDOOR FACTORY SHAFT

DRIVE
ROPE / BELT

DOOR TYPE
AUTO-DOOR

FLOORS
G+1 TO G+4

**Own Shaft Included*



Ralph 500

SHAFT
INDOOR FACTORY SHAFT

DRIVE
ROPE / BELT

DOOR TYPE
SWING-SENSOR DOOR

FLOORS
G+1 TO G+4

**Own Shaft Included*

Luxury Finishes

(used in Luxury L & Luxury XL cabin)



ROSE GOLD



ROSE GOLD LINEN

CHAMPAGNE



GOLDEN MATT



GOLDEN MIRROR



BLACK HAIRLINE



BLACK MIRROR



MIRROR FINISH

Finish Reference

Custom Finishes (used in Custom L, Custom XL & Luxury XL door)



WD07 + SS MIRROR

Model: LTR101



LIGHT JUTE + CHAMPAGNE MATT

Model: LTR102

WHITE LINEN + SS MIRROR

Model: LTR104



ROSEGOLD MIRROR + HAIRLINE ROSEGOLD

Model: LTR105



BLACK MIRROR + ROSE GOLD LINEN

Model: LTR103



BLACK MIRROR + ROSE GOLD LINEN + PROFILE LIGHT

Model: LTR106

Model Overview

MODEL	SHAFT	DOOR TYPE	DRIVE	FLOORS	NOTES
R-1000	Self-contained	Manual Swing-door	Rope	G+1 to G+3	All-in-one unit, RAL colour choice, no civil work
Ralph 200 R/B	Civil (customer-built)	Swing-sensor	Rope / Belt	G+1 to G+4	Complimentary Door Vision Panel (DVP)
Ralph 300 R/B	Civil (customer-built)	Auto-door	Rope / Belt	G+1 to G+4	—
Ralph 400 IR/IB	Indoor factory shaft	Auto-door	Rope / Belt	G+1 to G+4	Own shaft included
Ralph 400 OR/OB	Outdoor fabricated shaft	Auto-door	Rope / Belt	G+1 to G+4	Own shaft included
Ralph 500 IR/IB	Indoor factory shaft	Swing-sensor	Rope / Belt	G+1 to G+4	Complimentary DVP
Ralph 500 OR/OB	Outdoor fabricated shaft	Swing-sensor	Rope / Belt	G+1 to G+4	Complimentary DVP

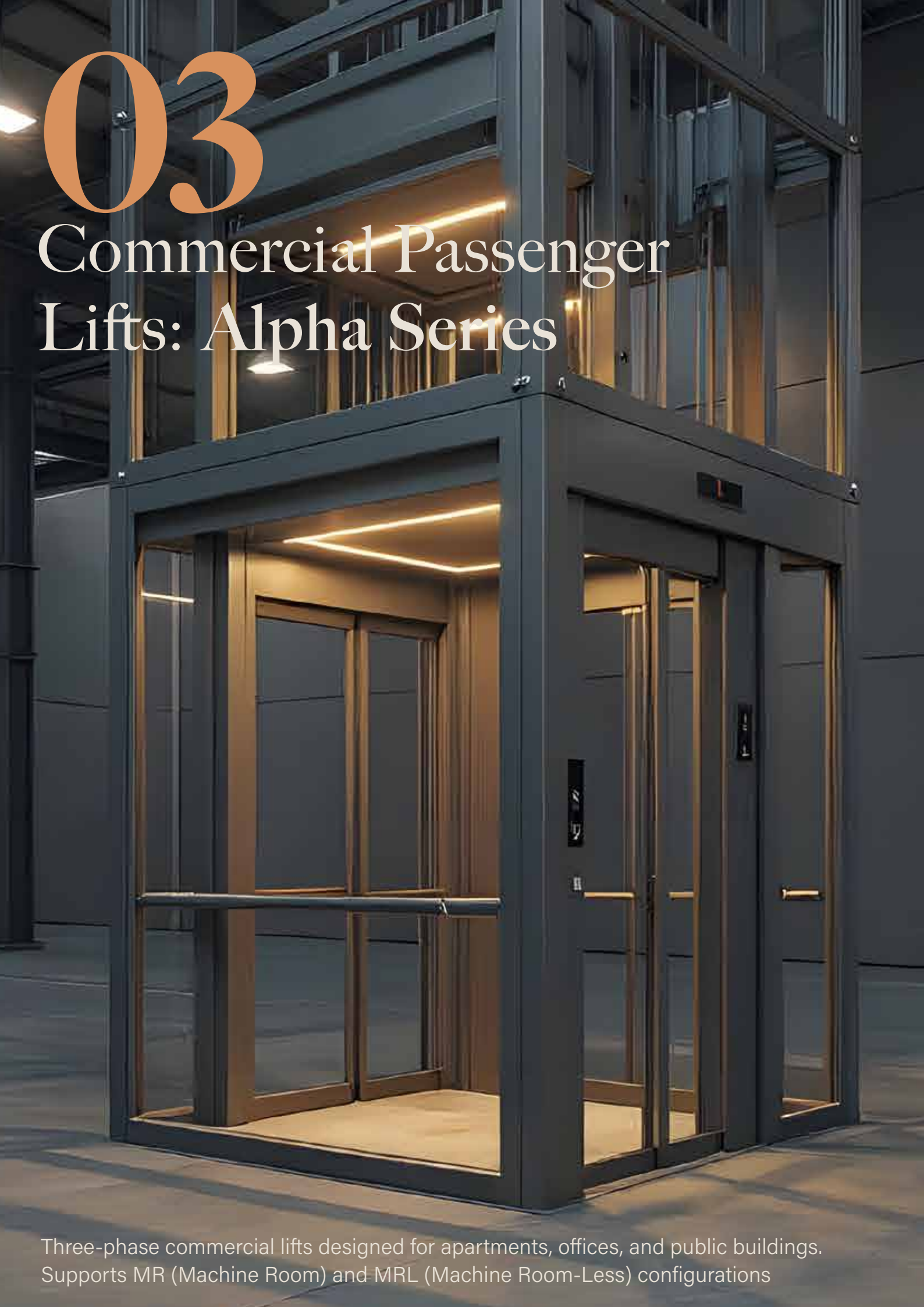
Model Types & Finish

MODEL TYPE	LANDING DOOR FINISH	DOOR VISION PANEL
Standard	MS or SS	NV / MV / LV
Custom L	MS or SS	NV / MV / LV
Custom XL	Custom sheets from Luxury Finishes	NV / MV / LV
Luxury L	MS or SS	NV / MV / LV
Luxury XL	One sheet from Luxury Finishes	NV / MV / LV

MS = Mild Steel • SS = Stainless Steel • DVP = Door Vision Panel • NV/MV/LV = No/Medium/Large Vision

03

Commercial Passenger Lifts: Alpha Series



Three-phase commercial lifts designed for apartments, offices, and public buildings. Supports MR (Machine Room) and MRL (Machine Room-Less) configurations

Range at a Glance:

MODEL	BEST FOR
Alpha 100	Manual collapsible door; budget-conscious commercial projects
Alpha 100 S-C	Swing landing + collapsible car door; 6 Pax
Alpha 200	Manual telescopic door; 6 Pax
Alpha 300	Auto-door, full finish range, glass cabin, fire-rated option

Key Differentiators:

- MRL configuration available up to 2.5 m/s
- Alpha 300 supports glass cabin, fire-rated doors, and full luxury finishes
- RFID, touch controls, and ARD available across all models
- Rope and belt-drive options on every variant

Tailored For:

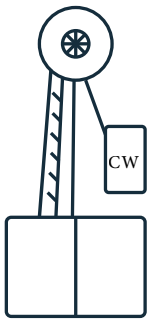
Apartment complexes, commercial offices,
Hospitals, hotels, and public buildings up to g + 15

04

Features & Technology

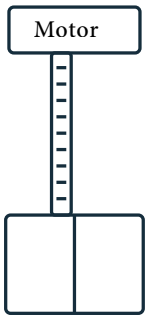
Drive Technology

Ricardo lifts are available in two drive types — **Rope Drive**, the proven industry-standard offering smooth and reliable performance, and **Belt Drive**, a quieter and lower-maintenance alternative with a premium finish.
Both are available across home and commercial ranges.



Proven traction
Smooth & reliable

Rope drive

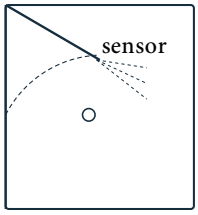


Quieter operation
Low maintenance

Belt drive

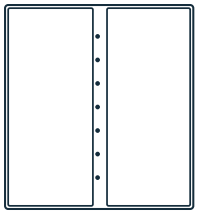
Door Intelligence

- **Swing-Sensor Doors (Ralph 200 & 500)**: Sensor-triggered swing operation for safe, hands-free entry
- **Auto-Doors (Ralph 300, 400 & Alpha 300)**: Fully automatic operation for effortless access
- **Manual Collapsible / Telescopic (Alpha 100 & 200)**: Practical, cost-effective options for commercial use



Sensor-triggered
Hands-free entry

Swing-sensor door



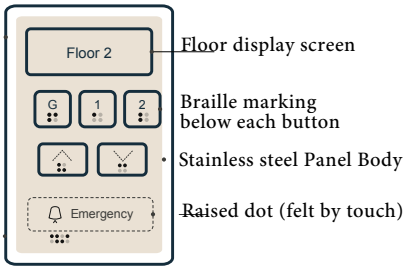
Fully automatic
Effortless access

Auto-door

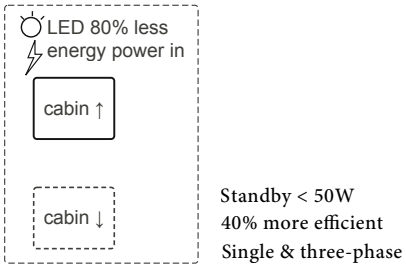
Energy Efficiency

- Up to **40% more energy-efficient** than conventional geared elevators
- **Belt-drive gearless traction** (Ralph 300) and **VVVF-controlled rope systems** (Alpha 200)
- **Intelligent standby mode** — auto-deactivates lighting, ventilation and displays when idle under 50W standby draw
- **High-lumen LED lighting** — 80% lower illumination energy vs traditional fixtures
- Regenerative Drive Technology (optional) — harvests kinetic energy during braking and feeds it back to the building grid
- **Compatible with both single-phase and three-phase** electrical infrastructure

Smart controls & energy



Braille-marked COP



Energy efficiency

Universal & Inclusive Design

Braille-marked COP and low-reach call buttons
Audible floor announcements and emergency two-way intercom
Soft-close doors with extended dwell times · Cabin handrails for stability
Infant & child safety switch — restricts unsupervised operation
Gentle acceleration and deceleration — smooth ride for all ages
Anti-nuisance call cancellation — prevents unnecessary stops

05 Safety

Philosophy

Every Ricardo elevator is engineered with passenger safety as the primary design criterion, not an afterthought. Built to protect across all conditions: normal operation, power failure, and emergency.

Safety Features

Feature	Description
Auto Rescue Device (ARD)	Automatically moves cabin to nearest floor during power failure
Fire-Rated Doors	Available on Alpha 300 for high-risk environments
Overload Protection	Prevents operation when cabin exceeds rated capacity
Door Interlock System	Shaft doors cannot open unless cabin is present
Emergency Lighting	Illuminates cabin during power outages
Manual Release	Allows controlled descent in emergencies
Overspeed Governor	Triggers safety gear if speed exceeds rated limit
Progressive Safety Gear	Brings car to controlled stop in free-fall scenario
Optical Door Curtain	154-beam sensor prevents door closure on obstruction
Emergency Two-Way Intercom	Instant communication during entrapment

Certifications

- Certified to **IS 14665 and IS 17900** — Bureau of Indian Standards
- Registered under respective **State Lifts & Escalators Acts**
- **CE-marked** safety components · **ISO 9001:2015** quality-assured manufacturing
- Compliant with **European Machinery Directive 2006/42/EC**

06

Installation

What Ricardo Handles

- Complete elevator supply (structure, cabin, drive, controls)
- Installation by trained Ricardo technicians
- Commissioning and handover

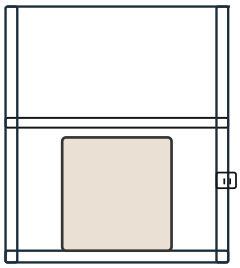
What the Customer Provides

- Civil shaft (for 200 and 300 series) — or opt for factory-supplied shaft (400 and 500 series)
- Structural support if required by site conditions
- Electrical connection point

Space Requirements

- **R-1000**: Self-contained-no shaft construction required. 50mm Pit and min. area-**1050mm x 1050mm**
- **400 Series**: Factory-supplied shaft-no civil work for the shaft structure. Min. area-**1400mm x 1400mm**
- **500 Series:** Factory-supplied shaft-no civil work for the shaft structure. Min. area-**1350mm x 1350mm**
- **200 Series:** Customer-built civil shaft required. Min. area-**1250mm x 1250mm**
- **300 Series:** Customer-built civil shaft required. Min. area-**1300mm x 1300mm**

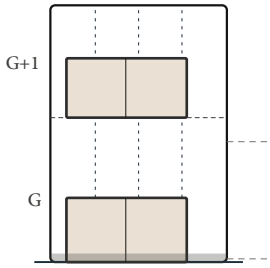
1: Site survey



Flat floor · no pit needed

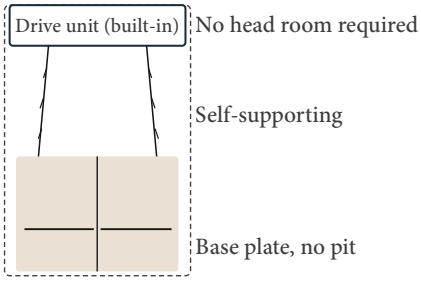
-Floor plan measured
-Power point confirmed
-CAD drawings approved

2 : Shaft assembly



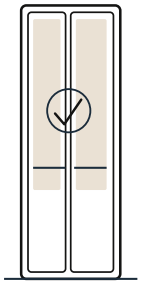
-Modular shaft panels fitted
-Landing door frames set
-Shaft wiring run

3 : Drive & cabin



-Drive unit fitted
-Cabin installed
-COP & controls wired

4 : Handover



-Load test done
-Certificate issued
-Client trained

Civil works, electrical supply, storage space and statutory approvals are the client's responsibility

Installation supervised end-to-end by Ricardo Elevators trained engineers

07

Warranty & Sales

Warranty Coverage

- **1-year product warranty** — all major mechanical components and control electronics against manufacturing defects
- **1-year service warranty** — all service calls related to in-warranty defects from date of commissioning
- In-warranty service calls, spare parts and labour — **free of charge**
- Honoured nationwide through the L. T. Elevator Limited authorised service network

Warranty is void if:

- Serviced by non-Ricardo / non-L. T. Elevator personnel
- Non-genuine spare parts are used
- Unauthorised modifications are made
- Damage from vandalism, flooding, fire, electrical surges, or operation beyond rated load

Annual Maintenance Contract (AMC)

An elevator's journey begins — not ends — with installation.
Our structured AMC plans are designed to protect your investment and ensure peak uptime throughout the equipment's service life.

Plan	Visits	Coverage
Basic AMC	4 / year	Routine inspection · lubrication · safety-gear validation · performance tuning. Spares billed separately
Standard AMC	6 / year	All Basic services + high-wear parts replacement — brake linings · door rollers · contacts · belts
Premium AMC	12 / year	Full comprehensive coverage — all Standard services + major mechanical and electronic components · guaranteed response SLA · priority emergency dispatch



08

Support & Contact

Response SLAs

2 hours — service request acknowledgement
4 hours — on-site breakdown response (Metro cities)
24 hours — on-site breakdown response (Regional)
7 days advance notice — all preventive maintenance visits via SMS and email

Direct Support

Channel	Details
Toll-Free	1800-419-9903
WhatsApp	+91 82740 07215
General Enquiries	info@ricardoelevators.com
Sales & Quotations	sales@ricardoelevators.com
AMC & Service	service@ltelevator.com
Website	ricardoelevators.com · ltelevator.com

Showrooms & Offices

Hyderabad — Shivalik Plaza, Banjara Hills (Corporate HQ & Experience Centre)
Kolkata — Capricorn Nest, Alipore (Registered & Head Office)
Manufacturing — Mahestala, South 24 Parganas, Kolkata

Social Media

Instagram · LinkedIn ·Youtube . Facebook — **@ricardoelevators**

Get a Quote

Visit **ricardoelevators.com/contact-us** or email **sales@ricardoelevators.com**

Our Showrooms

Branch	Address
Hyderabad	3-629K. III Floor, Shivalik Plaza, Road No 1, Banjara Hills, Hyderabad – 500034
Delhi	S 55A, Second floor, Vohra Builtech, Janta Market, Rajouri Garden, New Delhi - 110027
Bangalore	No. 34, 2nd Floor, 4th Cross Rd, RR Nagar via, Uttara Halli Main Rd, Vaddara Palya, Kodipur, Bengaluru, Karnataka – 560061
Vijayawada	10-68, near Farooq Nagar Masjid, opp. to Maruti Suzuki, Ayyappa Nagar, Vijayawada, Andhra Pradesh 520007
Prodattur	Sunrise county room no-21f, korrapadu road, Proddatur 516360, Kadapa district, Andhra Pradesh.
Kerala	First floor , Mather Chestnut, Subhash Chandra Bose Rd, beside Reliance fresh signature, Ponnurunni, Vyttila, Kochi, Ernakulam, Kerala 682019
Coimbatore	Grand Brenton- 1st floor, nearby pillar 129 restaurant,Varadharaja mill, Peelamedu, Coimbatore -641004
Chandigarh	Cabin number 6 & 13, northview park, zirakpur , 140603
Kolkata	3 Gobinda Auddy Road Alipore Kolkata 700027
Jaipur	67/55 heera path near dhanvantri hospital new sanganer road jaipur 302020
Indore	Behind Malhar Mega Mall, Scheme No 55, Scheme 54 PU4, Indore, Madhya Pradesh 452011
Ahmedabad	Office No-245, 2nd floor, Titanium City Centre Mall, Anand Nagar Road, Satellite, Ahmedabad, 380015
Mumbai	101-103, First Floor, Akshay Plaza, Opp. Cabridge Store, Andhra Bank Quarters, Road No. 1, Chembur, Mumbai – 400071
Nagpur	Gandhi Square, First Floor Office No F-1 And F-2, Near Omkar Nagar Square, Babulkheda, Nagpur: 440027
Bhubaneswar	LG-20, DLF Cyber City, Patia, Bhubaneswar, Odisha - 751024
Mahabubnagar	Shop no:- 1; H.No:- 2-83/A/1/A/1/2 ; plot no:-1; Sy.no:- 118; A.Z complex , Shankarpally X Road, Jadcherla(mandalam&Village); Mahabubnagar(dist); Telangana (state)-509302
Sindhanur	Expert communications, Adarsh Colony, Sindhanur, Raichur, Karnataka 584128
Jammu	Railway road ,near Bharat petroleum petrol pump, Trikuta nagar Jammu, Jammu and Kashmir 180020
Lucknow	5/1, Vikas Khand, Shankara Chauraha Road, Near Dayal Paradise Hotel, Gomtinagar, Lucknow, Uttar Pradesh 226010