



— CORPORATE CAPABILITY OVERVIEW

Vertical Mobility, Engineered for South India.

Design, manufacture, installation and lifetime care of elevators — one accountable partner, trusted across Tamil Nadu and beyond since 2002.

1,000+

Elevators installed

1,500+

Lifts under AMC

ISRO

Among 35+ landmark clients

Since 2002 • Tirunelveli • Chennai • Madurai • Tamil Nadu • Puducherry • Kerala



— OUR CLIENTS

Trusted Across South India

From India's space programme to the state's largest hospitals, industries and institutions — a selection of the names that rely on Voltos every day.

Government & Public Sector

4 institutions



Industry & Manufacturing

9 enterprises



Healthcare & Education

7 institutions



Hospitality & Commercial

7 venues



Builders

7 firms



— AT A GLANCE

Company at a Glance

The numbers behind two decades of accountable vertical mobility — capability, scale and service you can hold us to.



2002

Founded in Tamil Nadu under our own brand.



1,000+

Elevators installed across South India.



1,500+

Lifts under active maintenance (AMC).



100+

Engineers & technicians on the ground.



250

Cars manufactured per annum.



35+

Landmark clients — including ISRO.



98%

AMC contracts renewed each year.



9

Offices plus district teams statewide.

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Our story, milestones, values and the people behind Voltos.

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— WHO WE ARE

The Voltos Story

A manufacturer, not a reseller — engineering vertical transportation under our own brand since 2002.

From a Tirunelveli workshop to a statewide partner across Tamil Nadu, Puducherry and Kerala — and exporting to Bangladesh.

WHAT WE OWN, END TO END

/ Own-brand manufacturing

Cars designed and built under the Voltos name.

/ Turnkey installation

Our own crews — no sub-contractor gaps.

/ Multi-brand AMC & 24×7

Maintenance for lifts we didn't even build.

/ In-house fabrication & assembly

Stringent quality control at every stage.

/ Modernization — any make

Upgrading ageing lifts of every brand.

/ Export supply

Voltos-brand lifts shipped to Bangladesh.

One team, one point of accountability — from drawing board to lifetime service.



— WHO WE ARE

Two Decades of Vertical Transportation

From a single workshop to a statewide network — the milestones that built Voltos.

2002

Founded in Tirunelveli

Own-brand manufacturing of Voltos Lifts begins.

Trust

Institutions & industry

Lifts commissioned for government bodies, power plants and factories.

Scale

Statewide footprint

Offices in Chennai and Madurai; teams stationed district by district.

Export

Beyond borders

Voltos Lifts begins supplying to Bangladesh.

Today

A trusted network

1,500+ lifts maintained, 1,000+ installed, backed 24x7.



— PURPOSE

Vision, Mission & Values

OUR VISION

“To move South India upward – making safe, silent and energy-efficient vertical mobility the standard in every building we touch.”

OUR MISSION

To design, manufacture, install and maintain elevators of dependable quality at a fair price — and to stand behind every car with round-the-clock, same-district service that keeps buildings moving.

WHAT WE VALUE



Durability

Built to outlast the building.



Safety First

Compliant, layered, tested.



Energy Efficiency

The focus of our R&D lab.



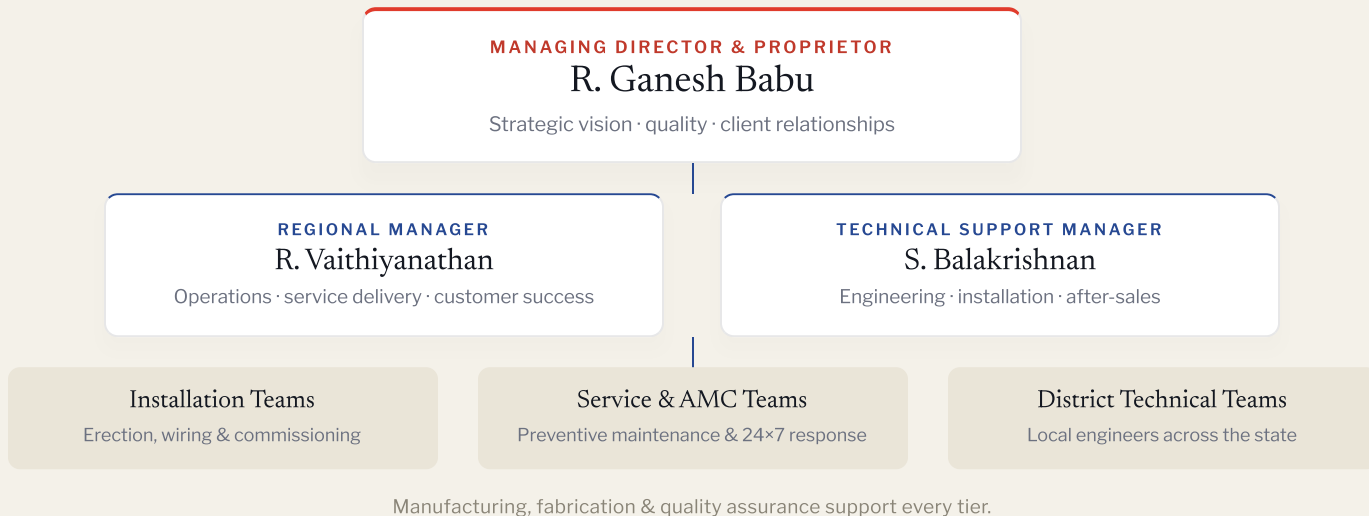
Customer Satisfaction

Perfect performance, every client.

— WHO WE ARE

Leadership & Organisation

A flat, owner-led structure — strategy, operations and engineering under one roof, accountable from first quote to lifetime service.



— WHO WE ARE

The People Behind Voltos

Three leaders, more than fifty years of combined experience — and a bench of credentials that reaches well beyond the elevator shaft.



R. Ganesh Babu
Managing Director · 25+ yrs

He built Voltos Lifts from a one-man venture into one of the region's most trusted elevator companies, delivering and maintaining 1,500+ lifts across every sector. A dedicated community leader, he actively supports education and helps deserving students pursue their academic dreams.



R. Vaithiyanathan
Regional Manager · 10+ yrs

A leader known for operational excellence and unwavering commitment. His integrity, disciplined approach and talent for building strong customer relationships have been instrumental to the company's continued growth and reputation for excellence.

EARLIER CAREER

Temple Administrator — Hindu Endowments Board, Singapore



S. Balakrishnan
Technical Support Manager · 18+ yrs

The driving force behind our technical excellence, with in-depth command of every elevator component and system. He oversees installations with precision and ensures exceptional after-sales service — a customer-first approach that upholds the highest standards of safety, performance and reliability.

MULTI-BRAND MASTERY

KONE

Johnson

— THE OPPORTUNITY

India's Vertical Growth Story

India can only grow upward. As cities densify and land grows scarce, vertical transportation shifts from a luxury to essential infrastructure — a structural, multi-decade tailwind.

\$15B

India's elevator & escalator market in 2024 — projected past **\$22B** by the early 2030s.

40%+

of India's population urban by 2030, up from ~35% in 2020 (UN).

9%

annual growth in new elevator installations — tens of thousands of cars a year.

Sources: IMARC Group, United Nations, industry market reports (2024–2025).



What's Driving Demand

Five structural forces are pushing India's buildings upward — and Voltos serves every one of them.



01

Urbanisation & high-rises

Scarce urban land forces homes and offices to build vertically.



02

Housing & smart cities

Government housing and Smart Cities programmes mandate lifts at scale.



03

Public infrastructure

Metros, airports, malls and hospitals need heavy-duty vertical transport.



04

Accessibility & ageing

Home and stretcher lifts serve an ageing, mobility-conscious population.



05

Safety & efficiency norms

Updated IS 17900 codes and energy targets raise the technical bar.

— WHAT WE BUILD

The Voltos Range

Ten families, one manufacturer — every vertical need met, with a single point of accountability.



Passenger

Everyday lifts for homes, offices and retail — smooth and quiet.



High-Rise Tower

High-speed, high-capacity cars with vibration-suppressed comfort.



Machine-Room-Less

Gearless lifts that reclaim shaft space and cut energy ~35%.



Home & Bungalow

Compact, near-silent home lifts — up to four floors.



Capsule & Panoramic

Glass-walled architectural lifts that anchor a building.



Hospital & Stretcher

Spacious, accurate-levelling cars sized to hospital standards.



Goods & Freight

Rugged platforms for the heaviest industrial loads.



Hydraulic

Smooth low-rise lifts on submersible-motor drives.



Dumbwaiter

Small service lifts for kitchens, hotels and libraries.



Machine Room Lift

Traction lifts with a dedicated machine room — proven and simple to service.

Passenger & High-Rise Systems



Passenger Elevators

The workhorse of every building — engineered for trouble-free performance and low running cost.

- / Speeds up to 4 m/sec, higher on high-speed cars
- / Self-levelling for accurate, comfortable stops
- / Automatic feather-touch or attendant car-switch control
- / Fully equipped to State Lift Act safety norms

High-Rise Tower Elevators

Built for the tallest buildings, where speed, capacity and comfort all matter at once.

- / High rated speed and passenger capacity
- / Cabin air-pressure adjustment at high speed
- / Vibration-suppression control for a smooth ride
- / Space-efficient shaft design

Homes, Access & Architecture



Home & Bungalow

Independence at home, without the stairs.

Up to four floors

Near-silent, compact footprint

Minimal civil work · easy to install

One-year warranty



Capsule & Panoramic

An architectural centrepiece.

Large glass viewing panels

VVVF closed-loop microprocessor control

Silent, economical operation

Bespoke designs

Industrial & Specialized Lifts

Purpose-built cars for factories, hospitals and service environments — engineered to code.



Goods & Freight

Built for the heaviest loads.

Speeds 15–25 m/min
Semi-automatic / steering control
Swing, collapsible or auto doors
Safety gears per Factory Act



Hospital & Stretcher

Care in motion.

Spacious, durable cars
Accurate, gentle stopping
Emergency control features
Sized to Indian standards



Hydraulic

Smooth low-rise lifts.

Submersible-motor drive
Screw-pump hydraulics
Ideal for low floor counts
Quiet, space-flexible



Dumbwaiter

Light-load service lifts.

For kitchens, hotels, libraries
Compact shaft
Fast, frequent trips
Proven at leading venues

— WHAT WE BUILD

From Features to Outcomes

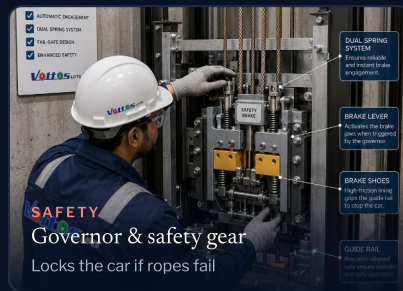
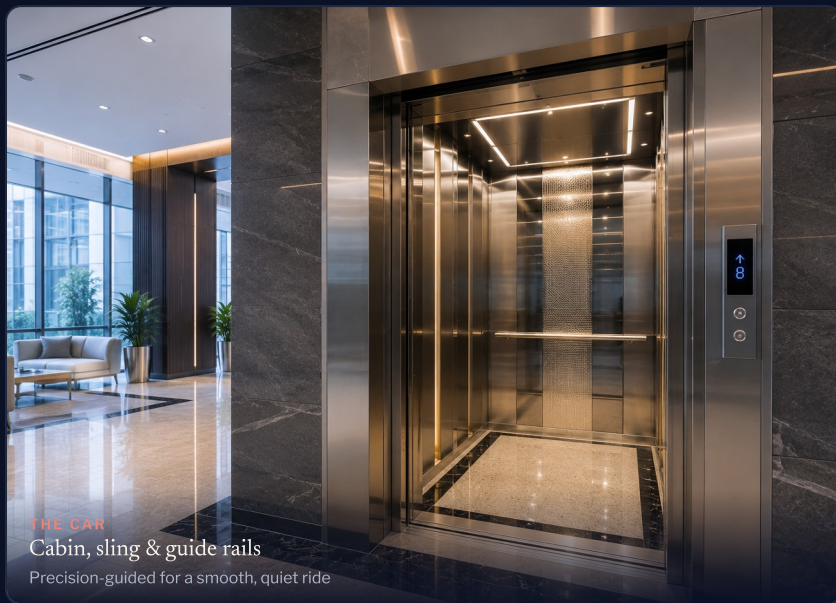
Corporate buyers don't buy specifications — they buy results. Here is how our engineering translates into business value.

PRODUCT	THE CHALLENGE	THE VOLTOS SOLUTION	WHAT YOU GAIN
Machine Room	Some buildings need a conventional machine-room lift.	Traction drive in a dedicated machine room, built to State Lift Act norms.	High duty cycle · simple servicing · lower first cost
Machine-Room-Less	A rooftop machine room adds cost and eats floor area.	Gearless permanent-magnet drive housed inside the shaft.	~35% less energy · more usable space · faster install
High-Rise Passenger	Long waits and jerky rides frustrate tenants in tall towers.	VVVF closed-loop control with vibration suppression.	Fast, silent rides · higher tenant satisfaction
Hospital & Stretcher	Beds and trolleys need precise, gentle, spacious lifts.	Large cars with accurate self-levelling and gentle stops.	Safe patient transfer · fully code-compliant
Home & Bungalow	Stairs limit access; owners fear heavy civil work.	Compact, near-silent lift needing minimal civil work.	Independence at home · quick, clean install

— ENGINEERING, SAFETY & ENERGY

Inside a Voltos Elevator

The engineering most buyers never see — the parts that decide ride quality, safety and lifetime cost.



Every frame is a drop-in slot — add your own factory and component photography.

Engineering Standards

The technology behind a ride that's smooth, silent and precise — and a lift that keeps running.



VVVF closed-loop drive

Variable-voltage, variable-frequency control for smooth acceleration and precise, silent stops.



Microprocessor control

Intelligent dispatch and on-board diagnostics surface faults before they strand a car.



Gearless PM machines

Permanent-magnet synchronous motors — quiet, lubrication-free and highly reliable.



Accurate self-levelling

Cars stop flush with the floor every time, whatever the load in the cabin.



In-house R&D lab

A dedicated lab focused on durability and energy efficiency keeps us current with standards.



Genuine spares on hand

Ready availability of authentic spares and consumables keeps downtime measured in hours.

Safety & Compliance

Layered protection, engineered in — then verified against every code that applies.

LAYERED PROTECTION

- ✓ Overspeed governor & safety gear that locks the car if the hoisting ropes ever fail
- ✓ Buffered pit and final-limit protection at both ends of travel
- ✓ Door interlocks and full-height light curtains
- ✓ Phase-failure, overload and short-circuit protection
- ✓ Automatic rescue to the nearest floor on power loss
- ✓ Battery-backed alarm and two-way intercom

BUILT TO CODE

State Lift Acts

Passenger safety devices per prevailing India Lift Acts.

Indian Factory Act

Safety gears for goods & freight lifts.

Indian Standards

Hospital car dimensions to IS requirements.

IS 17900

Modern electronic safety architecture.

TESTED & ASSURED

Factory test protocol

Load & overspeed testing

QA inspection checklist

Inspection report

Handover certificate

— ENGINEERING, SAFETY & ENERGY

Energy & Sustainability

~35%

less energy than a conventional geared-traction lift of the same duty.

~40%

Lower running cost vs a geared system.

3–5 yrs

Typical payback on the efficiency premium.

Lower CO₂

Less grid draw, every year in service.

- ✓ **Regenerative drives** feed braking energy back into the building.
- ✓ **LED cabin & sleep mode** cut standby draw when the car is idle.

Representative figures — actual savings depend on usage, traffic and electricity tariff.



— HOW WE DELIVER

From Blueprint to Handover

Five stages, one accountable team — from the first site visit to the day the doors open.

1

Survey & Consult

We assess the site, traffic and shaft, then advise on the right configuration.

2

Engineer & Manufacture

Cars are designed and built to spec under our own quality control.

3

Install & Commission

Our own crews erect, wire and commission — no sub-contractor gaps.

4

Test & Certify

Every safety device is tested and certified against the applicable codes.

5

Handover & Care

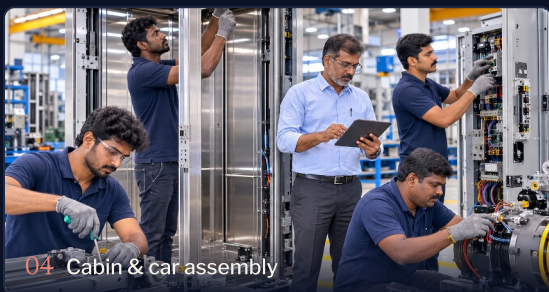
We train your team, hand over with warranty, and move into lifetime AMC.



— HOW WE DELIVER

Inside Our Factory

We build what we sell. From raw steel to a tested car, every stage runs under our own quality control — around 150 cars a month.



— HOW WE DELIVER

Projects in the Field

Every install follows the same arc — a clear before, a clean installation, a finished lift, a satisfied client.

01 Before



The site and shaft as we find them, with a full survey.

02 Installation



Our own crew erects, wires and commissions the car.

03 Finished



A tested, certified lift ready for daily service.

04 Handover



We train your team and move into lifetime AMC.

— HOW WE DELIVER

Round-the-Clock Service

The lift is the product; uptime is the promise. Service is how Voltos earns the next building.

≤6 h

Average response time to a service call.

≤4 h

Emergency call-out, prioritised statewide.

99%

Elevator uptime across the fleet we maintain.

92%

Customers who renew and stay with Voltos.

“We also service and modernise lifts of any make – not only our own. If it moves people, we can keep it running.”

New installation · Modernization
· Preventive maintenance ·
Emergency repair

— HOW WE DELIVER

Smart & Digital Service

Modern maintenance, transparently managed — so you always know the status of every lift in your building.



Complaint tracking

Every call logged, routed and tracked to resolution.



Preventive schedules

Planned maintenance that heads off breakdowns.



Full service history

A complete, retrievable record for each lift you own.



WhatsApp & mail support

A direct line for quick requests and status updates.



— HOW WE DELIVER

Statewide Service Network

Three offices and district teams put a Voltos technician within reach of every site we serve.

OFFICES

Tirunelveli · HEAD OFFICE

No. 76, Vathal Market Town, Tirunelveli 627 006

Chennai · BRANCH

Vadapalani — serving the northern districts

Madurai · BRANCH

Jaihindpuram — serving the central belt

DISTRICT TECHNICAL TEAMS

Tuticorin

Sivakasi belt

Madurai

Salem

Trichy

Coimbatore

COVERAGE

Tamil Nadu

Full state

Puducherry

Union Territory

A district-team model means shorter response times and technicians who know the local buildings.

— PROOF OF TRUST

A Flagship Project

When the margin for error is zero, institutions choose Voltos.



GOVERNMENT · AEROSPACE

ISRO Propulsion Complex

THE CHALLENGE

A high-security government campus needing dependable vertical transport with zero tolerance for downtime.

THE VOLTOS SOLUTION

Lifts engineered, installed and maintained to strict safety and reliability standards — backed by local service.

THE OUTCOME

Dependable service year after year — and a reference that opens doors across the public sector.

Representative case — add the exact scope, photos and figures for your strongest project.

— PROOF OF TRUST

Voltos vs Others

Most buyers weigh a manufacturer against a reseller or a distant national brand. Here is the honest comparison.

CRITERIA	VOLTOS	LOCAL RESELLER	NATIONAL BRAND
Own manufacturing	✓ Built in-house	✗ Buys & rebadges	✓ But distant
Customization	✓ To your building	~ Limited	~ Catalogue only
Local response time	✓ District teams	~ Varies	✗ Metro-based
Genuine / OEM parts	✓ On the shelf	~ Sourced	✓ Costly
Multi-brand AMC	✓ Any make	~ Some	✗ Own brand only
Government experience	✓ ISRO, PWD, boards	~ Small jobs	✓ Yes
Single-point accountability	✓ One team	✗ Split	~ Layered

Certifications & Credentials

The paperwork that de-risks the decision — ready for any procurement or tender file.

ISO 9001

Quality Management

Certified processes across design, manufacture and service.

LEM 1024

State Lift Licence

Licensed lift manufacturer & erector under the State Lift Act.

MSME

Udyam Registered

Registered enterprise · TN18E0015190.

GST

Tax Compliant

GSTIN 33ALHPG2721Q1Z1 · clean invoicing.

IS 17900

Code Conformance

Aligned to India's current installation & safety standard.

20+ yrs

Proven Track Record

The credential no certificate can grant — two decades in service.

— WORKING TOGETHER

Why Buyers Choose Voltos



Manufacturer, not a reseller

We build our own lifts — quality starts at the source.



Multi-brand service & AMC

We maintain and modernise lifts of any make.



24×7 emergency support

An automated response centre that never sleeps.



20+ years in service

Two decades of dependable vertical mobility.



District-local teams

Technicians who know your buildings, nearby.



Own engineers & crews

No sub-contractors between us and your building.



Genuine OEM parts

Authentic spares on the shelf for fast repairs.



Government & institutional experience

Trusted by ISRO, PWD and state boards.



Export experience

Voltos-brand lifts supplied to Bangladesh.



Single-point accountability

One partner owns design, install and lifetime care.

— WORKING TOGETHER

How We Engage

Three ways to begin — whatever stage your building is at. The first visit is always on us.

NEW BUILD

Specify & Install

We survey the site, advise on the right configuration, and quote a turnkey supply-and-install package.

- Site & traffic survey
- Configuration & layout advice
- Fixed turnkey quotation

EXISTING LIFTS

Assess & Modernise

We inspect ageing lifts of any make and upgrade drives, controls and cabins for safety and efficiency.

- Condition & safety audit
- Drive & control upgrade
- Cabin & door refresh

ANY BUILDING

Maintain & Support

We take over maintenance of your existing lifts with an AMC and 24×7 response — whatever the brand.

- Comprehensive or labour AMC
- 24×7 emergency response
- Genuine spares supply

— WORKING TOGETHER

Your Next Steps

Getting started is simple — and the first step is free.

- 1 Free site survey**
We visit, assess your building, traffic and shaft — at no cost.
- 2 Proposal & quotation**
A clear, itemised, no-obligation proposal tailored to you.
- 3 Agreement**
Transparent scope, timeline and price — no surprises.
- 4 Delivery & lifetime care**
We install and commission, then move into AMC and 24×7 support.

READY WHEN YOU ARE

Book your free site visit.

Tell us about your building and we'll be on site quickly — anywhere in Tamil Nadu, Puducherry or Kerala.

Call · 73730 44137 / 44175

voltoslifts.com

Let's move your building upward.

Tell us about your building and we'll arrange a free site visit and a clear, no-obligation proposal — new installation, modernization or maintenance.

Tirunelveli

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Chennai

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Madurai

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