



Pro

PARK PRO

PARKING,
PERFECTED

500+

PROJECTS
DELIVERED

15+

YEARS
EXPERIENCE

50K+

CARS PARKED
DAILY

100%

CLIENT
SATISFACTION

Smart Parking Solutions

Revolutionizing urban parking with cutting-edge automated systems that maximize space, enhance security, and deliver premium user experience.



60-80% Space Optimization



Advanced Security Systems



90-Second Retrieval Time



Eco-Friendly Technology

+91 98671 76588

www.microelevators.com

Mira Road | Sanpada | Kalyan,
Maharashtra

About Park Pro

Leading Innovation in Automated Parking Solutions



Our Mission

To transform urban landscapes by providing intelligent, space-efficient, and eco-friendly automated parking solutions that enhance property value and improve quality of life.



Our Vision

To be the most trusted name in automated parking solutions across India, setting industry standards for innovation, quality, and customer satisfaction.

✓ Why Choose Park Pro?

Industry-leading technology & engineering excellence

Customized solutions for your specific needs

Comprehensive after-sales support & maintenance

15+ years of proven track record

"Park Pro is at the forefront of revolutionizing urban parking infrastructure with cutting-edge automated systems. With years of expertise in mechanical engineering and automation, we deliver world-class solutions that maximize space utilization while minimizing environmental impact."

Key Features & Benefits

Advanced Technology for Modern Parking Needs



Space Optimization

Maximize parking capacity by 60-80% compared to conventional parking. Perfect for high-density urban areas where space is at a premium.

60

-80% More Capacity



Enhanced Security

Fully automated system with no human access to parking areas. Advanced security features protect vehicles from theft, vandalism, and damage.

24/7

Protected Storage



Rapid Operation

Quick retrieval times averaging 60-90 seconds. High-speed motors and optimized algorithms ensure minimal waiting time for users.

60s

Average Retrieval

Eco-Friendly

Zero emissions in parking area, reduced carbon footprint with no vehicle circulation. Energy-efficient motors with regenerative systems.

0%

Carbon Emissions

Cost Effective

Lower construction costs with minimal excavation needs. Reduced operational expenses through automated management and energy efficiency.

40%

Lower Costs

Smart Control

Advanced PLC control system with touchscreen interface. Mobile app integration for remote monitoring and management capabilities.

AI

Smart Technology

Technical Specifications

Precision Engineering for Optimal Performance



System Type

Fully Automated
Puzzle/Tower/Pit/Stack
Based



Vehicle Capacity

2000 - 2500 kg per platform



Platform Dimensions

5500mm (L) × 2000mm (W)
× 1800mm (H)



Retrieval Time

60-90 seconds (average)



Operating Speed

Vertical: 15-25 m/min |
Horizontal: 30-40 m/min



Power Supply

415V, 3 Phase, 50 Hz



Drive System

AC/DC VFD with
regenerative capability



Safety Systems

Multiple sensors,
emergency brakes, UPS
backup



Control System

PLC-based with HMI
touchscreen interface



Material

Hot-dip galvanized steel
structure

< 70 dB

Noise Level

**-10°C to
+45°C**

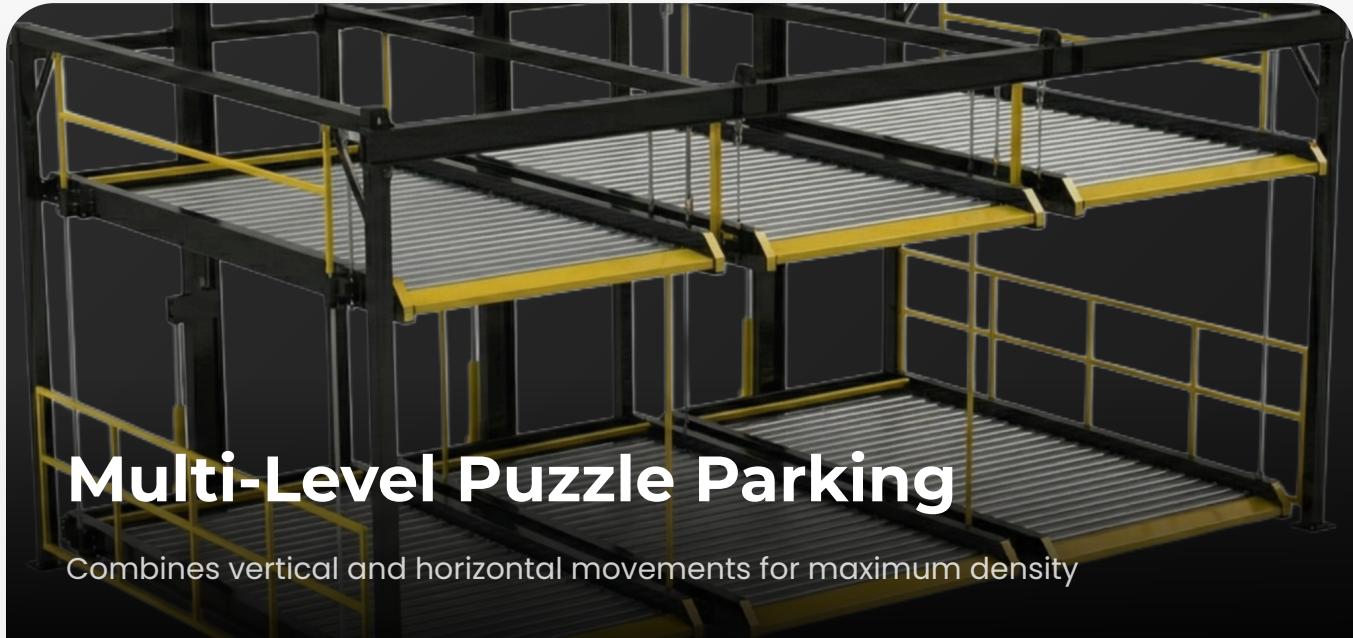
Operating Temperature

IS/CE/ISO

Certified Standards

Puzzle Parking System

Vertical & Horizontal Movement for Maximum Density



Multi-Level Puzzle Parking

Combines vertical and horizontal movements for maximum density

The Puzzle Parking System is an innovative solution ideal for medium to large-scale parking requirements in residential complexes, commercial buildings, and mixed-use developments.



2-8 Levels



20-100 Cars



2.5x Efficiency



4-8 Week Install

Key Features

- ✓ Semi-automatic to fully automatic
- ✓ Modular design for expansion
- ✓ Simultaneous multi-car retrieval
- ✓ Minimal pit requirements

Ideal For

- Residential apartments
- Commercial office buildings
- Shopping malls & retail
- Hotels & hospitality

1800mm

Height/Level

2500kg

Load Capacity

90 sec

Retrieval Time

Card/RFID

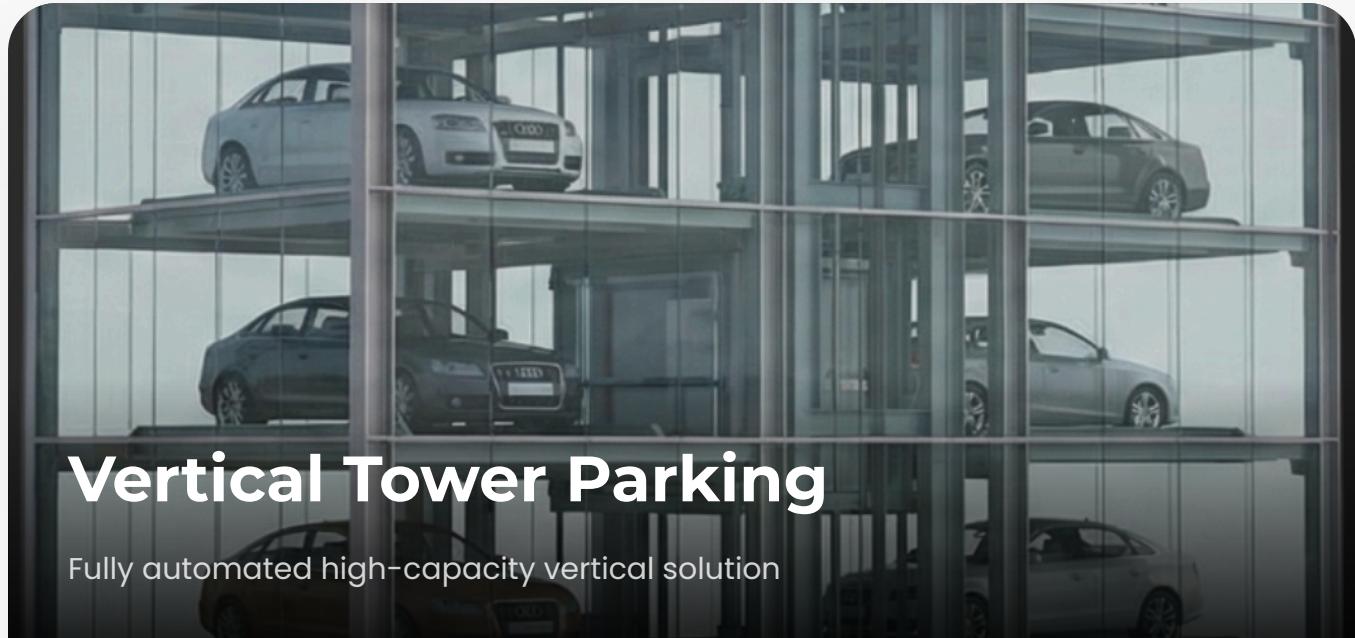
Operation

Galvanized

Steel Structure

Tower Parking System

Vertical High-Rise Parking Solution



Vertical Tower Parking

Fully automated high-capacity vertical solution

The Tower Parking System is designed for premium properties with limited ground space. This system can accommodate 20-80 vehicles in a compact footprint, making it the ultimate space-saving solution.



Up to 20 Levels



20-80 Cars



40 sq.m Ground



Fully Automated

Key Features

- ✓ Fully automated robotic operation
- ✓ 360-degree vehicle rotation
- ✓ Weather-proof enclosure
- ✓ Seismic-resistant structure

Ideal For

- ▶ Premium residential towers
- ▶ Corporate headquarters
- ▶ High-end commercial complexes
- ▶ Smart city projects

30m

Max Height

2500kg

Load Capacity

60 sec

Retrieval Time

Car Wash

Integration

LED

Energy Efficient

Bike Stackers System

Efficient Two-Wheeler Parking Solutions

Single & Double Bike Stackers

Maximize two-wheeler parking in limited space



Single Stacker

- ✓ Ground level parking
- ✓ Easy access for all users
- ✓ Capacity: 6-12 bikes
- ✓ Manual operation



Double Stacker

- ✓ Two-tier vertical parking
- ✓ Hydraulic lifting system
- ✓ Capacity: 12-24 bikes
- ✓ 50% space savings



Secure
Parking



Space Saver



Anti-theft



Low
Maintenance



Weather
Proof

Galvanized

Steel Material

200kg

Per Slot Load

Modular

Bolt-Down Install

Semi-

Auto

5 Years

Warranty

Operation

Car Stack Parking System

Multi-Level Vehicle Stacking Solutions

Hydraulic Car Stacking

Double or triple your parking capacity economically

Car Stack Parking Systems offer an economical solution for increasing parking capacity using vertical stacking technology. Perfect for residential, offices, and commercial establishments.



2-Post

Traditional



4-Post

Enhanced



Dependent

Sequential



Independent

Direct Access

Key Features

- ✓ 2-4 level configurations
- ✓ Hydraulic lifting mechanism
- ✓ Safety sensors & interlocks
- ✓ Emergency manual override

Ideal For

- Residential complexes
- Office buildings
- Shopping centers
- Hotels & showrooms

2-4 Cars

Per Stack

5.5x2.4m

Platform Size

2500kg

Load Capacity

4-8 m/min

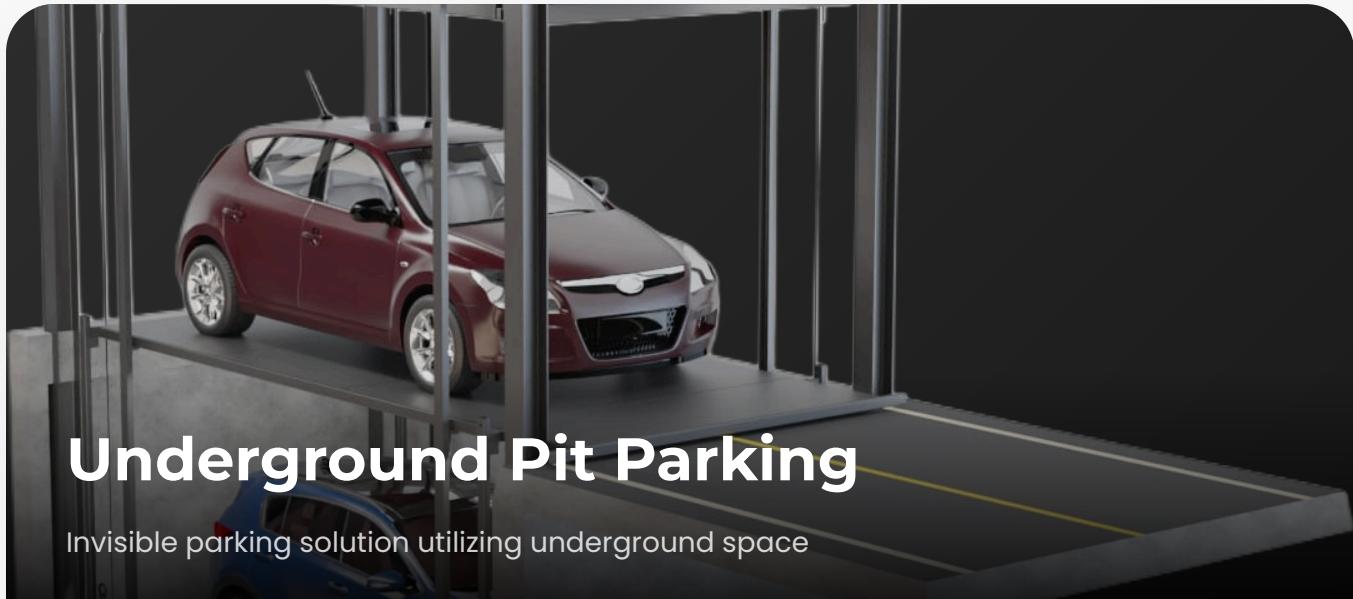
Speed

CE

Certified

Pit Parking System

Underground Space Optimization



Underground Pit Parking

Invisible parking solution utilizing underground space

Pit Parking Systems utilize underground space to create invisible parking solutions. By excavating below ground level, these systems provide multiple parking levels while maintaining the ground surface for other uses.



2-3 Underground
Levels



Invisible Solution



Waterproof Design



Safety Barriers

Key Advantages

- ✓ Preserves ground space
- ✓ Weather protection
- ✓ Enhanced security
- ✓ Increased property value

Installation Requirements

- ▶ Excavation: 3-6 meters
- ▶ Drainage connection
- ▶ Waterproofing essential
- ▶ Ventilation system

3-6m

Pit Depth

2500kg

Platform Load

60-90s

Operation Time

415V

3-Phase Power

PLC+HMI

Control System

No Post Parking System

Clear Access Vehicle Parking



Post-Free Parking Innovation

Unobstructed vehicle access with cantilever technology

The No Post Parking System eliminates front posts for unobstructed vehicle access. Using cantilever technology and side-mounted lifting mechanisms, this system provides hassle-free parking with maximum convenience.



No Front Posts



Easy Door Access



Cantilever Design



Up to 3000kg

User Benefits

- ✓ Easier parking & retrieval
- ✓ No damage risk from posts
- ✓ Comfortable door access
- ✓ Suitable for all drivers

Perfect For

- Premium residences
- Luxury car parking
- Valet services
- Hotel premium parking

2-3

Tier Levels

2.5-3m

Platform Width

3000kg

Max Weight

Twin Hyd

Lifting System

Dual Lock

Safety System

Benefits & Advantages

Why Automated Parking Makes Business Sense

1

Maximum Space Utilization

Increase parking capacity by 60-80% compared to conventional parking. No need for driving lanes, ramps, or circulation space means more cars in less area.

2

Enhanced Property Value

Premium parking solutions significantly increase property appeal and market value. Attract high-end buyers and tenants with modern amenities.

3

Reduced Construction Costs

Eliminate need for expensive ventilation systems, extensive lighting, and fire safety measures. Lower excavation and structural requirements reduce building costs.

4

Zero Vehicle Emissions Inside

Cars are turned off before entering the system, eliminating exhaust fumes and carbon monoxide in parking areas. Healthier and cleaner environment.

5

Complete Vehicle Security

No human access to parking area eliminates risk of theft, vandalism, or damage. Vehicles are protected in secure, climate-controlled environments.

6

Minimal Operational Costs

Automated systems require minimal staff and maintenance. Energy-efficient motors and regenerative systems reduce electricity consumption significantly.

Installation Process

Seamless Implementation from Concept to Completion

1

Site Assessment

Detailed evaluation of site conditions, space availability, and technical requirements

2

Custom Design

Tailored system design based on capacity needs, building architecture, and budget

3

Installation

On-site installation by certified technicians with minimal disruption

4

Support

24/7 technical support and preventive maintenance services

Safety & Security Features

Multiple Layers of Protection

Safety Systems

- ▶ **Emergency Stop Buttons:** Strategically placed at all entry/exit points
- ▶ **Overload Sensors:** Prevent operation if weight limits are exceeded
- ▶ **Position Sensors:** Ensure accurate platform alignment
- ▶ **Safety Interlocks:** Prevent movement when doors are open
- ▶ **Anti-Fall Devices:** Multiple redundant catching mechanisms
- ▶ **Fire Detection:** Integrated smoke and heat sensors
- ▶ **Emergency Lowering:** Manual emergency descent system
- ▶ **UPS Backup:** Uninterrupted power for emergency operations

Security Features

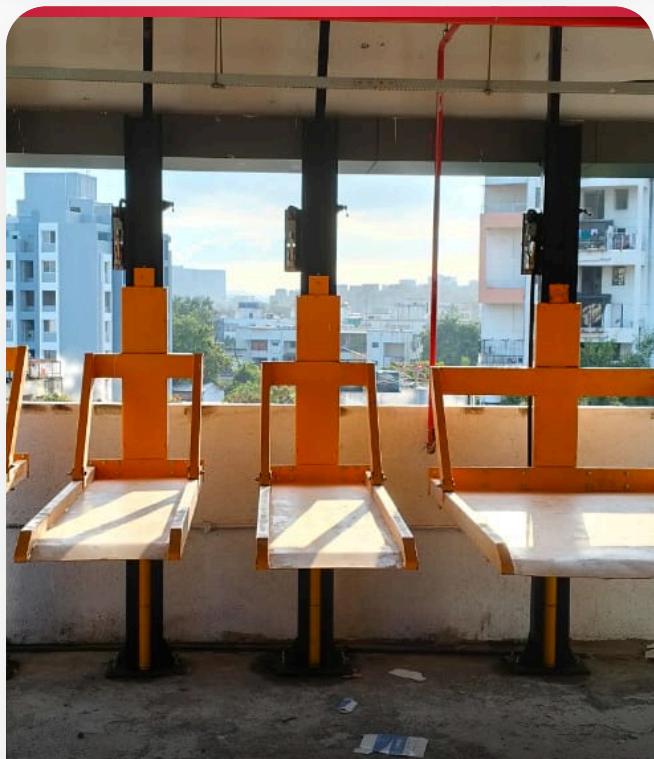
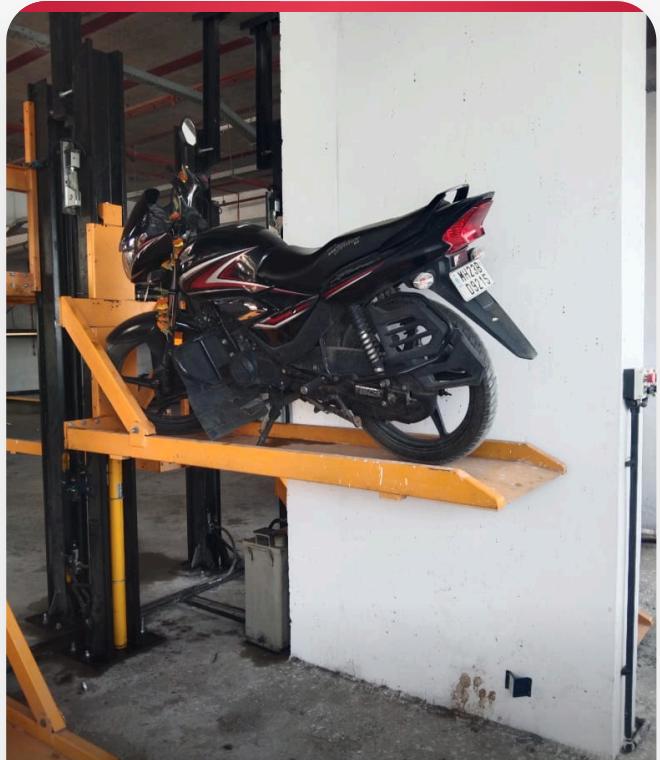
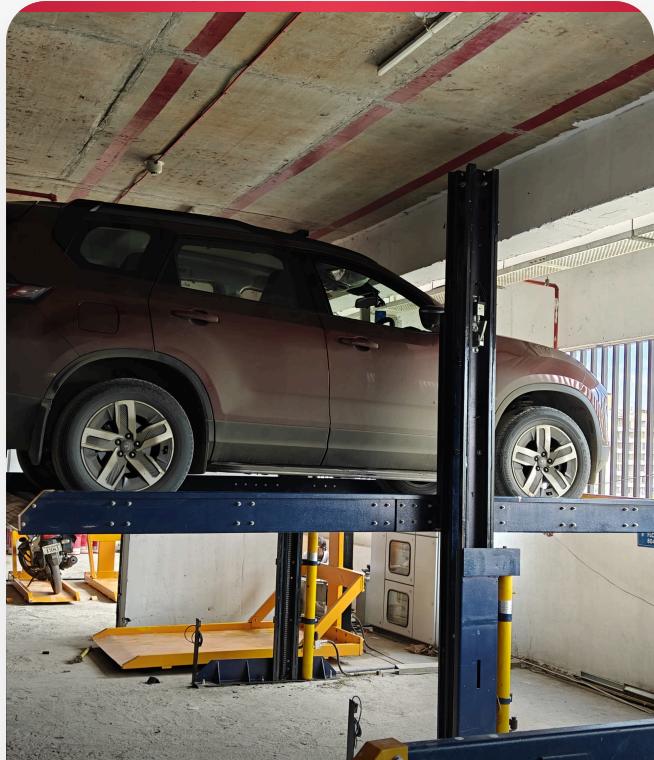
- ▶ **Access Control:** RFID card/mobile app authentication
- ▶ **CCTV Monitoring:** 24/7 video surveillance
- ▶ **User Identification:** Personal code/biometric options
- ▶ **Audit Trail:** Complete log of all transactions
- ▶ **Intrusion Alarms:** Unauthorized access detection
- ▶ **Remote Monitoring:** Cloud-based system status tracking
- ▶ **Vehicle Tracking:** Real-time location of each vehicle
- ▶ **Secure Enclosure:** Climate-controlled, locked environment

Compliance & Certifications

- ✓ IS Standards for mechanical parking systems
- ✓ CE Marking for European safety standards
- ✓ ISO 9001:2015 Quality Management Certification
- ✓ IGBC Green Building compliance ready
- ✓ Fire safety NOC from local authorities
- ✓ Structural stability certification

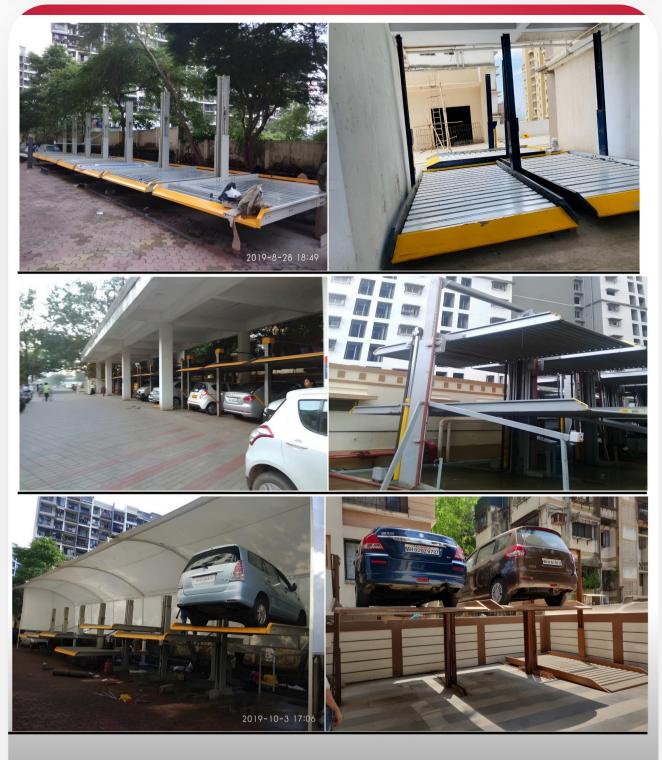
Project Gallery

Our Successful Installations



Project Gallery

More Success Stories





Park
Pro

PARK PRO

Automated Parking Systems

www.microelevators.com

Our Valued Clients

Trusted by leading developers, builders, and facility managers across India



GAURI VINAYAK
Builders & Developers



N E S
International
School
Mumbai
Mature Transform Empower



EKA
BUILDCON



IKON
SENSIBLY SMART SPACES



ADVANI
REALTY

II Archit II
Group
Builders & Developers



J.K. J.K. Developers
PROMOTERS & BUILDERS

Sukhwani
Skalines
life's better side

What Our Clients Say

"The automated parking system from Park Pro has transformed our property value. The space efficiency and modern technology appeal greatly to our premium buyers."

- Leading Real Estate Developer, Mumbai

"Excellent engineering quality and professional installation. The system has been running flawlessly for over 2 years with minimal maintenance."

- Facility Manager, Commercial Complex, Bangalore

"The best decision we made for our project. Saved significant construction costs and increased parking capacity by 70%. Highly recommended!"

- Project Head, Luxury Residences, Delhi NCR



Pro

PARK PRO

Automated Parking Systems

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Maintenance & Support

Comprehensive After-Sales Service Excellence



Preventive Maintenance

- ✓ Scheduled monthly inspections
- ✓ Lubrication and cleaning services
- ✓ Component wear monitoring
- ✓ Software updates & optimization
- ✓ Safety system verification
- ✓ Performance testing & calibration
- ✓ Detailed service reports



Support Services

- ✓ 24/7 technical helpline
- ✓ Remote diagnostic capabilities
- ✓ On-site emergency response
- ✓ Spare parts availability
- ✓ Annual maintenance contracts (AMC)
- ✓ System upgrades & modernization
- ✓ Operator training programs

AMC Packages

Silver Package

Bi-annual
maintenance with
emergency support

Gold Package

Quarterly
maintenance with
priority support

Platinum Package

Monthly maintenance
with 24/7 dedicated
support

Warranty Coverage

✓ 1 year comprehensive warranty
on all equipment

✓ 3 years warranty on structural
components

✓ Extended warranty options
available

✓ Free replacement of defective
parts

Recent Projects 2024-25

Successful Installations Across India



Suraj Estate Developers - Dadar

Tower Parking: 1x1 System • 46 Cars |
61m

ONGOING



**Avishkar - Arista Platinum -
Pune**

Puzzle: 30 • **G+1 Hyd:** 12 • **Bike:** 212+40

ONGOING



**Archit Group - Sope Estate -
Nasik**

Puzzle G+2: 19 • **G+1 Hyd:** 04

ONGOING



EKA Buildcon LLP - Pune

G+1 Hyd Stack: 136 • Hydraulic Parking

ONGOING



ACE Capitol - Noida Delhi

G+1 Stacker: 186 • Commercial Office

COMPLETED



AYG Realty Pvt Ltd - Dadar

Tower Parking: 0x1 System • 25 Cars |
62m

ONGOING



IKON Trezza - Pune

G+1 Hyd Stack: 16 • **Pit Puzzle:** 101

ONGOING



Sukhwani Skylines - Pune

G-1+1 Stacker: 191 • Pit & Ground Level

ONGOING



**Gauri Vinayak Builders -
Mumbai**

G+1 Hyd Stack: 55 • Hydraulic Parking

ONGOING



SCON HD Emerald - Pune

Hyd: 22 • **Stacker:** 02 • Mixed System

COMPLETED

Get in Touch

Let's Transform Your Parking Infrastructure Together



PARK PRO

Let's discuss how our automated parking solutions can transform your project

Head Office

PARK PRO

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Near Amar Palace, National Highway,
Mira Road East, Thane 401107 MH. IN

Branch Office

PARK PRO

Shop No 3, Guruplaza Building,
Plot No 57/B, Sector-5, Sanpada,
Navi Mumbai, Thane 400705 MH. IN

Factory Address

PARK PRO

Plot No. 196/1/4, Dutchkul Pada,
Near Vishwakarma Wadi, Behind Sai
Palace Hotel,
Kashimira, Mira Road East, Thane - 401107
MH. IN

Manufacturing Unit

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