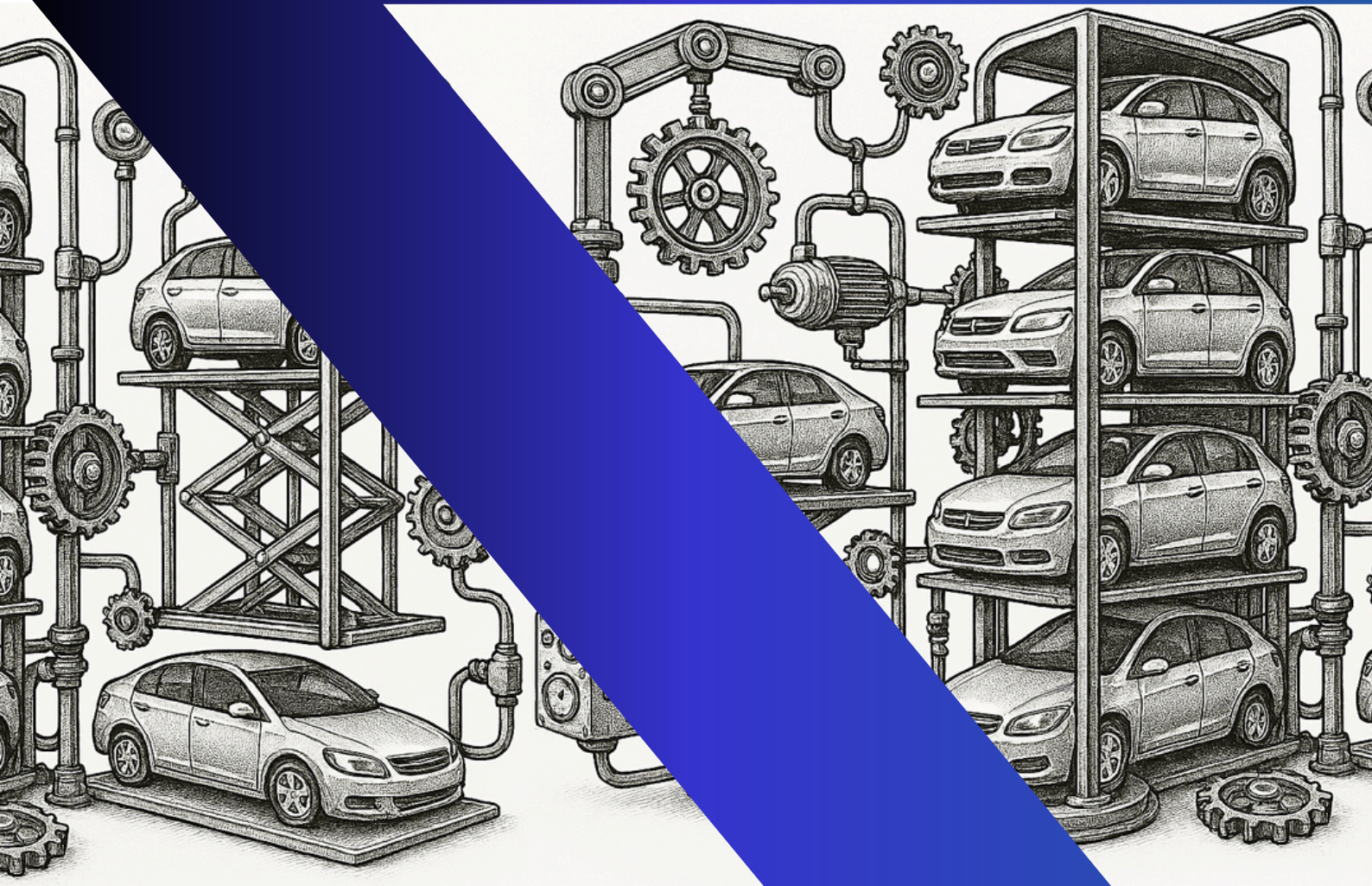# STELZ

Elevate to Park

India's leading car parking system manufacturer, expanding capacity in limited urban spaces.

Bengaluru | Kerala | Chennai | Hyderabad | Kolkata | Delhi | Mumbai | Pune.

About STELZ Parking

Revolutionizing Urban Parking Solutions
STELZ Parking stands at the forefront of India's mechanical car parking industry, delivering innovative, space-efficient solutions that address the evolving challenges of urban mobility. we have established a robust national presence, transforming the parking landscape across metropolitan cities and emerging urban centers throughout India.

Our Expertise
As premier specialists in advanced Mechanical Car Parking Systems, we offer comprehensive end-to-end solutions encompassing:

- **Design & Engineering:** Creating customized parking solutions tailored to unique spatial requirements and architectural constraints
- **Manufacturing:** Producing high-quality, reliable systems with precision engineering and superior materials
- **Installation:** Expert deployment with minimal disruption to surrounding environments
- **Testing & Commissioning:** Rigorous quality assurance to ensure optimal performance
- **Maintenance:** Proactive service programs that maximize system longevity and operational efficiency

Our Commitment
At STELZ Parking, we are driven by an unwavering commitment to excellence in every aspect of our operations:

- **Innovation:** Continuously developing cutting-edge technologies that set new industry standards
- **Quality:** Maintaining rigorous quality control processes throughout design, manufacturing, and installation
- **Reliability:** Building systems that perform consistently with minimal downtime
- **Sustainability:** Creating parking solutions that reduce environmental impact through efficient space utilization
- **Modernization:** The concept of modernization defines, enhancement of existing applications or their migration from traditional architecture to the latest one. This change makes technological advance in every aspect of system that means integration of new functionalities. The Implementation of modernization gives big boost in many areas.
- **Customer Satisfaction:** Delivering personalized service that exceeds expectations

Our Impact
Our advanced parking systems deliver tangible benefits that extend beyond simple vehicle storage:

- **Space Optimization:** Maximizing parking capacity in limited urban spaces
- **Enhanced Property Value:** Adding premium amenities to residential and commercial developments
- **Urban Beautification:** Reducing street congestion and improving cityscapes
- **Environmental Benefits:** Minimizing emissions through reduced vehicle circulation
- **Safety & Security:** Providing protected environments for vehicle storage

Why STELZ Parking?

Proven Expertise: Over 8000+ installations & services provided nationwide, backed by enrich quality standards and a 97% operational reliability rate.
Client-Centric Approach: Collaborative partnerships with developers, architects, and civic authorities to align solutions with project goals.
Innovation-Driven: Continuous R&D investment to integrate smart technologies, such as automated retrieval systems and real-time monitoring.
Nationwide Reach: A robust network of engineers and technicians ensures timely delivery and support across India.

Vision & Future Aspirations

At STELZ Parking, we envision a future where urban mobility transcends traditional constraints, driven by intelligent mechanical parking systems that harmonize efficiency, sustainability, and human-centric design. As cities across India grapple with rapid urbanization and space scarcity, our goal is to redefine parking infrastructure by pioneering solutions that set global benchmarks in innovation, reliability, and environmental stewardship. We strive to be the catalyst for smarter cities, where seamless parking experiences reduce congestion, lower carbon emissions, and elevate the quality of urban life.

Strategic Growth & Industry Leadership

Our ambition extends beyond technological advancement—we aim to solidify our position as India's most trusted partner for transformative parking solutions. Through strategic collaborations with urban planners, architects, and municipal authorities, we will expand our national footprint, delivering scalable systems tailored to diverse urban landscapes. By investing in R&D and adopting emerging technologies like AI-driven automation and IoT-enabled analytics, we ensure our offerings evolve in lockstep with the dynamic needs of modern cities. Every project we undertake is a step toward our broader mission: enabling cities to grow vertically, sustainably, and inclusively.

Commitment to Excellence & Sustainability

At the heart of our vision lies an unwavering commitment to excellence. We prioritize precision engineering, using eco-conscious materials and energy-efficient processes to deliver systems that minimize operational costs and environmental impact. By adhering to global quality standards and fostering a culture of continuous improvement, we ensure our solutions remain cost-effective, durable, and adaptable to future urban challenges. Through this ethos, STELZ Parking aspires to empower communities, enhance property value, and contribute to a greener, more livable India—one innovative parking system at a time.

STELZ Presence in INDIA

- Bengaluru
- Pune
- Chennai
- Hyderabad
- Kolkata
- Delhi
- Mumbai
- Kochi
- Trivandrum
- Patna.

Our Operational Philosophy

At STELZ Parking, we stand by our core belief that **"Service Driven is Success Driven."** Guided by this philosophy, we provide fully customized solutions tailored to the unique needs of each client. Our automated multilevel car parking systems are designed with flexibility in mind and can be adapted to suit the specific structural conditions and spatial constraints of any site.

We take a consultative approach—carefully assessing customer requirements, site layout, and space availability to deliver the most efficient and effective parking solution. This personalized service is made possible through our structured five-step process:
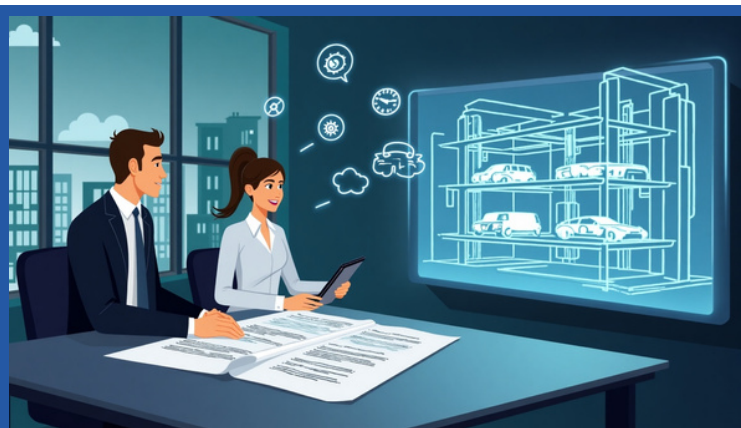
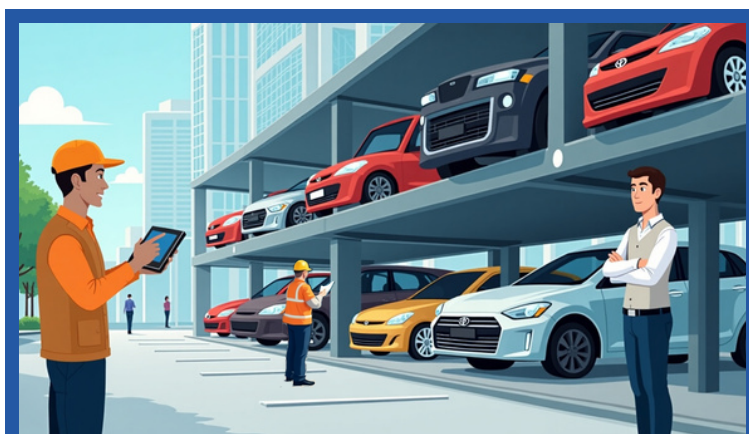**1. Conceptualization** – Understanding project needs and defining a tailored solution

2. Designing – Engineering precision-driven layouts and system plans

3. Manufacturing – Producing high-quality components with strict quality control

4. Installation – Seamlessly integrating systems on-site with professional execution

5. Post-Installation Maintenance – Ensuring long-term performance and customer satisfaction through dedicated support

Inside STELZ Parking

STELZ Manufacturing Facility-At Bengaluru.

In-house engineering and design team
specializes in creating custom parking solutions tailored to each project's unique site and space requirements. Using advanced CAD tools and 3D modeling software, they deliver precise, efficient system layouts. The team collaborates closely with architects and engineers to ensure seamless integration with building infrastructure. They also lead innovation efforts, developing prototypes and enhancing system performance. Every design meets stringent safety, regulatory, and quality standards for long-term reliability.

Customized Solutions
We engineer bespoke multilevel parking systems tailored to your site's dimensions, architectural style, and operational needs. Our designs optimize space utilization while seamlessly integrating with building aesthetics and user workflows. Advanced modular frameworks ensure scalability, IoT-enabled features enhance efficiency, and compliance with safety standards guarantees reliability. By converting spatial constraints into strategic assets, we maximize ROI and future-proof urban developments. Every solution is a balance of innovation, precision, and client-centric execution.

Advanced Manufacturing
Our in-house production leverages cutting-edge CNC machining, and precision engineering to craft high-performance components. Rigorous ISO 9001-certified processes guarantee unmatched quality, consistency, and compliance with global safety benchmarks. We utilize corrosion-resistant, high-grade materials and modular designs to ensure systems withstand harsh urban environments while scaling seamlessly for future expansions. Adaptive production lines enable rapid customization, reducing lead times without compromising durability. This fusion of technology and expertise delivers parking solutions that balance innovation, reliability, and long-term operational efficiency.

Sustainable Innovation
We prioritize energy-efficient systems, such as regenerative drives and solar-compatible power units, to reduce operational carbon footprints. Eco-conscious materials like recycled steel and low-VOC coatings ensure minimal environmental harm during production and installation. IoT-enabled smart technologies optimize energy use, monitor emissions, and enable predictive maintenance for resource efficiency. Our designs align with global green building certifications supporting cities in achieving net-zero goals. By merging sustainability with cutting-edge engineering, we deliver parking solutions that safeguard ecosystems while enhancing urban livability.

*Representational

Why Choose Us?

Expert Professionals

Innovative Solutions

Quality & Reliability

End-to-End Service

Stack Parking Systems

Stack Parkers offer a flexible and efficient solution for dependent parking, suitable for both indoor and outdoor installations. Designed to optimize available space, these systems can double or triple parking capacity while seamlessly adapting to various site conditions. With a straightforward installation and low maintenance requirements, they provide a cost-effective parking solution. Available in single-width platforms for 2-3 vehicles and double-width platforms for 4-6 vehicles, Stack Parkers are ideal for residential complexes, office buildings, hotels, and valet-operated parking facilities.

Stack Parkers (D) **S-01**

- **Space Maximization:** Utilizes two vertically stacked platforms to double parking capacity in the same area.
- **Automatic Mechanism:** Cars are moved and parked automatically using hydraulic lifts.
- **Efficient Land Use:** Ideal for urban areas with limited space for traditional parking structures.
- **Types of Systems:** Can be vertical (platforms lifted over each other)
- **Reduced Carbon Footprint:** Eliminates the need for large parking lots, reducing congestion and emissions.
- **Applications:** Common in commercial buildings, residential complexes, and areas with high vehicle density.
- **Cost:** Initial installation and maintenance is not expensive.
- **Safety Features:** Equipped with sensors to ensure smooth operation and protect vehicles.

3 Level Stack Parkers (D)

S-011

- **Triple Capacity:** Utilizes three vertically stacked platforms, increasing parking capacity threefold in the same space.
- **Automated Parking:** Vehicles are moved automatically using hydraulic systems to park on different levels.
- **Vertical Lifting:** The system can lift cars to the uppermost level, middle level, or ground level based on the parking configuration.
- **Space Efficiency:** Perfect for urban environments with high vehicle density and limited land availability.
- **Types of Systems:** Includes vertical (lifting) and movements depending on the system design.
- **Reduced Land Usage:** Maximizes available land by eliminating the need for large surface parking lots.
- **Increased Traffic Flow:** Helps reduce congestion by storing cars efficiently in high-density areas.

Two-Level Pit Stackers (I)

- **Pit Design:** The system involves two parking platforms, with one placed in a pit below the other, allowing for stacked parking without occupying additional surface area.
- **Space Efficiency:** Ideal for areas with limited surface space, as the lower level is placed underground to maximize above-ground parking.
- **Automatic Mechanism:** Vehicles are moved automatically using hydraulic systems to raise or lower the platforms.
- **Vertical Stacking:** One platform is raised or lowered to park the vehicle on the top or bottom level.
- **Access Points:** Users drive their car onto a platform at ground level, and the system moves it to the designated upper or lower level.
- **Ideal for Urban Areas:** Perfect for high-density urban environments where space is at a premium and surface parking is limited.
- **Enhanced Safety:** Typically equipped with safety sensors, control systems to prevent accidents and ensure secure vehicle storage.
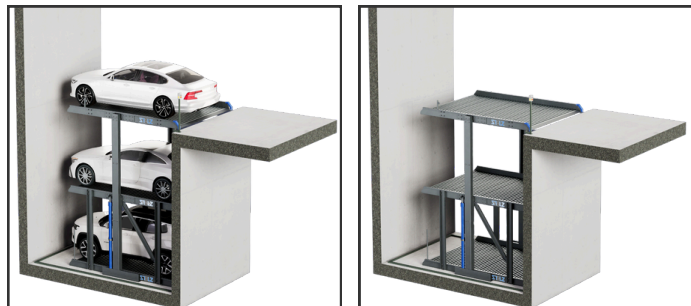
**PS-11**

3 Level Pit Stack Parkers (I)

PS-111

- **Pit Design:** The system features three stacked platforms, with each platform being positioned in pits beneath each other, optimizing vertical space while reducing land usage.
- **Vertical Stacking:** Vehicles are stored on one of the three levels—upper, middle, or lower—through an automated lifting and lowering mechanism.
- **Automated Mechanism:** The system uses hydraulic or mechanical systems to lift and lower the parking platforms, allowing cars to be parked or retrieved automatically.
- **Space Efficiency:** Ideal for environments with limited land, such as dense urban areas, as the underground pit design maximizes above-ground parking space.
- **Increased Capacity:** The three-pit levels allow for three times the number of cars to be stored in the same surface area compared to traditional parking systems.
- **Safety Systems:** Includes sensors, cameras, and control systems that ensure the safe operation of the platform, preventing accidents and vehicle damage.
- **Entry/Exit:** Drivers park at ground level, and the system automatically moves the car to a designated upper, middle, or lower level. Retrieval happens .

Cantilever stacker (I)

- **Cantilever Design:** The system uses a cantilevered platform that extends horizontally without external support, allowing vehicles to be parked on a single elevated level or stacked vertically.
- **Space Efficiency:** Maximizes vertical parking by using overhead space without the need for traditional support structures, making it ideal for urban areas with limited space.
- **Automated Mechanism:** Vehicles are moved into place by an automated system, usually via hydraulic lifts or conveyors, which raise and lower the parking platforms.
- **Platform Flexibility:** The cantilevered platform can be designed to park vehicles either vertically or horizontally, depending on the system configuration.
- **Safety Features:** Equipped with sensors and safety systems to ensure vehicles are securely parked and prevent accidents or vehicle damage during the automated process.
- **Reduced Land Use:** The design allows for more vehicles to be parked within a smaller land area compared to traditional parking garages, especially in areas where land is expensive or scarce.

S-CL01
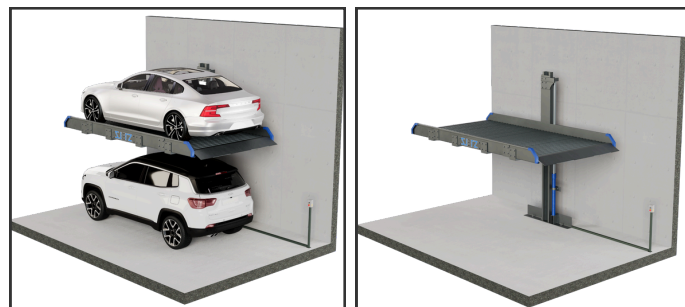
Puzzle Parking Systems

STELZ Puzzle Parking offers a highly adaptable solution for independent parking, efficiently accommodating two to seven grid-type spaces across two levels in both indoor and outdoor settings. Designed for flexibility, it allows seamless integration into various site conditions. With straightforward installation and low maintenance requirements, it provides a cost-effective, semi-automatic parking solution ideal for short to medium-duration use in offices, restaurants, malls, theaters, and other high-traffic venues. This advanced system operates using either hydraulic or electromechanical mechanisms, with hydraulic technology being the preferred choice. Notably, market trends have shifted from stack parkers to puzzle parking across all segments, driven by its superior convenience and efficiency.
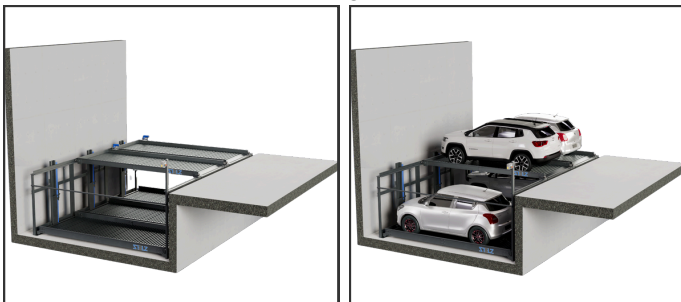
Two-Level Puzzle
P-01
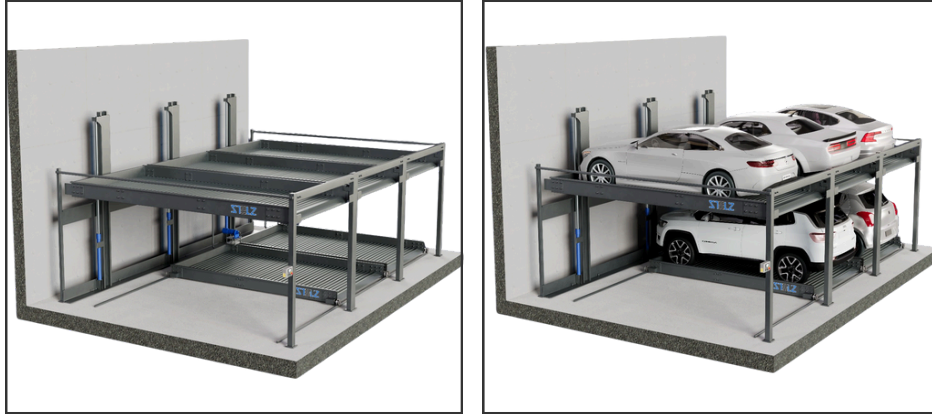
- **Puzzle Design:** The system uses two vertically stacked platforms, with each platform able to move horizontally to create space for vehicles to be parked or retrieved.
- **Automated Mechanism:** Vehicles are moved horizontally and vertically through a combination of conveyor belts, lifts, and rotation mechanisms to park them on the designated levels.
- **Space Optimization:** Maximizes parking density by allowing cars to be stored in a tightly packed, efficient manner.
- **User Interaction:** Drivers park their car at the entrance level, and the system automatically moves it to the appropriate spot, either on the top or bottom level.
- **Compact Layout:** The system allows for parking of many vehicles in a relatively small footprint, making it ideal for crowded urban areas.
- **Safety Features:** Equipped with sensors and control systems to prevent collisions and ensure proper vehicle placement during the parking and retrieval processes.
- **Retrieval Process:** The system moves the cars horizontally and vertically to retrieve the desired vehicle, which can take more time than conventional parking systems.

2 Level Pit Puzzle

PP-01

- **Pit Design:** Features two stacked parking platforms, with one placed in a pit below the other, maximizing vertical space without occupying additional surface area.
- **Puzzle Mechanism:** Vehicles are parked by the system through a combination of horizontal and vertical movements of the platforms, resembling a "puzzle" where cars are shifted into place.
- **Automated Parking:** The system uses automated lifts, conveyors, and horizontal shifting mechanisms to move cars into available parking spaces on the upper or lower level.
- **Space Efficiency:** Ideal for high-density urban areas with limited surface area, as it efficiently utilizes both underground and above-ground space.
- **Maximized Capacity:** By using the pit design, it doubles parking capacity in the same footprint compared to a traditional single-level parking structure.
- **Entry and Exit:** Users park their vehicle on the entrance level, and the system moves the car to the appropriate level based on available space.

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- **Entry and Exit:** Users park their vehicle on the entrance level, and the system moves the car to the appropriate level based on available space.

PP-02


Overground Puzzle Parking System

OP-01

- **Space Optimization:** These systems maximize parking capacity by utilizing multiple levels, stacking vehicles vertically in a compact footprint, ideal for urban environments with limited space.
- **Efficient Parking:** They allow for faster parking and retrieval of vehicles compared to traditional parking garages, reducing wait times for users.
- **Automated Operation:** Most Over Ground Multilevel Puzzle Car Parking Systems are automated, reducing human error and the need for attendants.
- **Minimal Land Usage:** By stacking vehicles in multiple levels, these systems use less land space, making them ideal for areas where land is expensive or scarce.
- **Energy Efficient:** The systems are designed to operate with low energy consumption, often using electric motors for lifting and shifting vehicles between parking slots.
- **Safety Features:** Equipped with safety mechanisms like emergency stop buttons, sensors, and automatic locking, these systems minimize the risk of accidents.
- **Space Flexibility:** Parking spaces can be customized in size to accommodate various vehicle types, from compact cars to SUVs and even electric vehicles.
- **Cost-Effective:** Over Ground Multilevel Puzzle Car Parking Systems reduce the need for large land acquisition and minimize operating costs in comparison to traditional multi-story parking buildings.
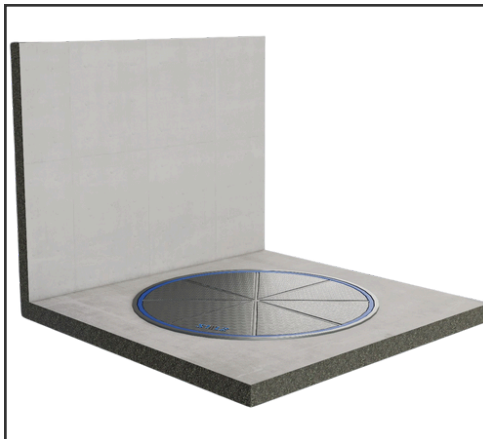
- **System Overview:** Car hoist parking systems are mechanical systems that lift vehicles vertically to park them on elevated platforms. These systems allow for parking on multiple levels without the need for ramps or large open spaces.
- **Vertical Lifting Mechanism:** The system uses hydraulic or electric lifts to raise or lower vehicles from one parking level to another, stacking them vertically to maximize parking space.
- **Space Efficiency:** Ideal for areas with limited horizontal space, the system utilizes vertical space, increasing parking capacity by stacking cars on top of each other.
- **Simple Operation:** Drivers park their vehicle on the ground level, and the system automatically lifts the car to the designated upper level, which can be controlled by an operator or via a remote control.
- **Cost-Effective:** Car hoist parking systems are typically more affordable than fully automated parking solutions (such as robotic or puzzle systems) while still providing efficient use of space.

CH-01
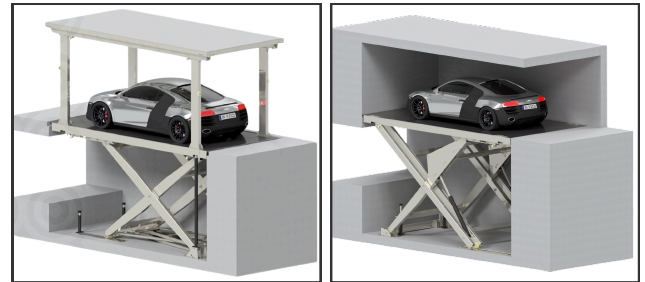
Turn Table

TT-01

- **System Overview:** Turntable parking systems are mechanical devices that rotate vehicles in a circular motion to park or retrieve them in tight spaces. This system is commonly used in locations with limited maneuvering room.
- **Rotation Mechanism:** The system consists of a rotating platform that turns 360 degrees, allowing vehicles to be positioned precisely in available spaces without the need for complex driving or reversing.
- **Space Efficiency:** Ideal for areas with limited space, turntable systems allow vehicles to be parked head-in or in tight spaces where traditional parking techniques would be difficult, increasing the number of vehicles that can be parked.
- **Simple Operation:** Drivers drive onto the turntable, and the system rotates the vehicle into the parking space. In some cases, the driver may need to exit the vehicle before activation, while other systems allow the driver to stay inside.
- **Time Efficiency:** Turntable systems generally offer a fast parking and retrieval process, with the vehicle being rotated and positioned in less time than it would take to maneuver in traditional parking spaces.

Rotary Parking Systems

R-01

Rotary Car Parking System is a smart, vertical parking solution designed to maximize space in compact urban areas. It operates like a Ferris wheel, rotating cars vertically using an automated system. A single rotary unit can park **6 to 16 cars** in the space of just 2. It's ideal for residential, commercial, and institutional spaces with tight footprints. The system is automated, secure, and space-efficient, requiring minimal land and no ramps or driveways. Cars are parked and retrieved within 1-2 minutes using electric motors and gear-driven rotation. It ensures zero human intervention, reducing the risk of damage or theft. Rotary systems are modular, quick to install, and can be customized for different car sizes. Perfect for urban retrofits, showrooms, offices, or even standalone parking towers.

- **Space Optimization:** Parks 6 to 16 cars in the footprint of just 2 cars.
- **Vertical Rotation Mechanism:** Ferris wheel-style rotation for automated parking & retrieval.
- **Quick Installation:** Modular design enables setup in 2–4 days on prepared foundation.
- **Low Land Requirement:** Ideal for tight urban plots with no basement space.
- **Fast Retrieval Time:** Car access in 90–120 seconds.
- **Electric Operation**: Energy-efficient motors, with optional solar power integration.
- **High Safety & Security:** No human access inside the system—minimizes damage/theft.
- **Customizable Design:** Adaptable to different car sizes, heights, and local conditions.
- **Minimal Civil Work:** No ramps or heavy structural construction needed.
- **Low Maintenance:** Simple mechanical system with standard service schedules.

Features of our Systems

Saves Spaces

Maximize Parking Spaces

Easy Maintenance

Increased Vehicle Security

Automation & Mechanization

Safety Sensors

Customizable for Different Needs

Our Clients.

SALARPURIA | SATTVA
TRUST. IT'S WHAT WE BUILD

BRIGADE GROUP

Shriram Properties
Homes that live in you

PURAVANKARA

Phoenix

KALYANI DEVELOPERS
Building success...

CMR SHOPPING MALL
The joy of life

SKAV

CONFIDENT GROUP

BHARTIYA CITY BANGALORE

VAMSIRAM BUILDERS
Passion • People • Performance

SUVARNA DURGA
Group of Companies

INDIQUBE
GROW YOUR BUSINESS

manipalhospitals
LIFE'S ON

CONCORDE
Experiences for life

Pavani Group

TAMARA
LEISURE EXPERIENCES

GINGER
A TATA Enterprise

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HOLDINGS AND HOSPITALITY INDIA LTD
Simplicity by Design

DivyaSree

GAR Infobahn
Inspired by Laxmi

SWOJAS

SAPRA
properties & investments

NG NANIK GROUP

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USHODAYA
ENTERPRISES PRIVATE LIMITED
e business division

MAAVI SPACES

STELZ

Elevate to Park

Registered Office Address:
No 1595, 2nd Floor, Shree Venkateshwara Arcade, 5th stage, BEML Layout, Raja Rajeshwari Nagar, Bangalore-560098.

Factory Address:
Over Site No. 01, carved out of Sy. No. 56/2,Mrs Rama and Sri.M.Ramakrishnappa Layout, Kere Road, Dasanapura Hobli, Machohalli Village, Bengaluru 560 091.

Regional Office-Pune:
Office No 202 Sona height, survey number 13/1, laxminagar, Baner Balewadi road, Balewadi, Pune 411045.

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