DIMO
THE PERFECT PARTNER

CAR PARKING SOLUTIONS

ABOUT DIMO

Since its establishment in **1939, DIMO** has been offering an array of trusted, globally recognized brands that deliver **world-class products and solutions** to the Sri Lankan market. Through its strong local expertise, technical capabilities, and customer-focused approach, **DIMO** adds significant value to these international partnerships.

With over eight decades of business excellence, the company has consistently delivered outstanding products and services while ensuring that its business model creates **sustainable value for the future.**

DIMO operates across a diverse range of sectors including **Agriculture, Automotive Components, Building Management, Construction Machinery, Consumer Products, Education, Civil Construction, Water Projects, Building Service Projects, Medical Engineering, Power Solutions, Power Systems, Storage Systems, Tools and Equipment, Tyres, Vehicle Repairs, and Vehicles.**

DIMO plays a key role in **developing Sri Lanka's infrastructure,** particularly in areas such as power, water management, and transportation. Guided by its purpose of **fuelling the dreams and aspirations of the communities it serves,** DIMO continues to introduce world-class engineering and technological solutions that enhance efficiency and contribute to improving the quality of life of Sri Lankans.

ABOUT DIMO CAR PARKING SOLUTIONS

DIMO introduced f**ully automated car parking solutions to Sri Lanka in 2007,** successfully completing its first installation at Vision Care – Ward Place. Since then, DIMO has become a trusted provider of advanced parking technologies, delivering innovative solutions that maximize space utilization and improve parking efficiency for modern urban developments.

With over a decade of industry experience, DIMO has successfully delivered a wide range of projects across commercial, residential, and mixed-use developments. To date, the company has installed **550+ automated car parking spaces, 60+ vehicle elevators,** and **500+ stack parking spaces,** supporting developers and property owners in addressing growing urban parking challenges.

Backed by **DIMO's** strong engineering expertise, the Car Parking Solutions team consists of e**xperienced engineers, technicians, and trained operators** who ensure seamless system installation, operation, and maintenance. The team provides **comprehensive aftersales support,** including routine maintenance, technical troubleshooting, and operational assistance to ensure long-term reliability and safety of every system installed.

OUR STRENGTHS

Proven Experience – Over a decade of expertise in Fully automated car parking, Mechanical car parking, Vehicle elevator systems and Car parking Management solutions.

Strong Project Portfolio – 550+ automated spaces, 60+ vehicle elevators, and 500+ stack parking spaces delivered.

Expert Engineering Team – Experienced engineers and technicians ensuring quality installation and system reliability.

AMC Services – Preventive maintenance programs to ensure optimal system performance.

24/7 Aftersales Support – Dedicated technical assistance for uninterrupted operations.

Rapid Breakdown Response – Mobile aftersales team covering Colombo for quick service support.

Operational Support – Provision of trained operators for efficient system management.

Global Technology Partnerships – Collaborating with leading parking system manufacturers from Korea, Turkey, Malaysia and China to deliver reliable and advanced parking solutions.

1 FULLY AUTOMATED CAR PARKING SOLUTIONS

Fully Automated Car Parking Systems maximize parking capacity while minimizing the land area required for vehicle storage. Using advanced technologies such as elevators, shuttles, pallets, and robotic transfer systems, vehicles are automatically parked and retrieved without drivers entering the parking structure.

By eliminating internal ramps and driving lanes, these systems significantly increase parking density while improving safety, efficiency, and convenience.

DIMO offers a wide range of automated parking solutions from compact installations for small developments to large-scale systems capable of accommodating hundreds of vehicles making them ideal for residential buildings, commercial complexes, hotels, hospitals, and mixed-use developments.

Tower Type Automated Parking System

The Tower Type Automated Parking System is a vertical parking structure designed to maximize parking capacity within a very small ground footprint.

Vehicles are placed on pallets and automatically transported vertically using a high-speed elevator system. Once at the designated level, the vehicle is transferred horizontally to the appropriate parking slot for storage.

Key Benefits

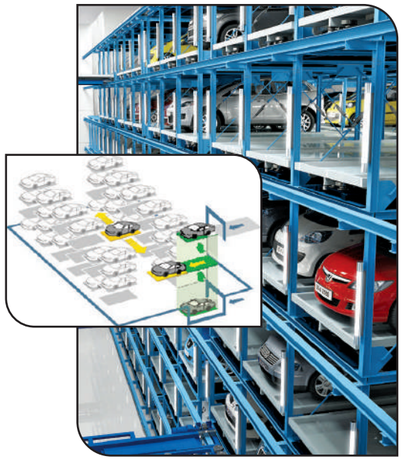
- Maximizes parking capacity in extremely limited land areas
- Ideal for high-rise developments and dense urban locations
- High-speed vehicle retrieval system
- Scalable for medium to large parking capacities

Best suited for: Residential towers, hotels, commercial developments, and city-center projects where land is scarce.

Cart Type Automated Parking System

The Cart Type Automated Parking System utilizes a combination of vertical lifts and horizontal shuttle carts to transport vehicles to their designated parking slots across multiple levels.

After a vehicle is placed on the pallet, the lift moves it vertically to the required floor, where an automated cart transfers the vehicle horizontally to the parking space.



Key Benefits

- Efficient vehicle handling for multi-level parking facilities
- Suitable for medium to large-scale parking capacities
- Flexible layout design adaptable to various building configurations
- Faster vehicle distribution across parking levels

Best suited for: Commercial buildings, office complexes, hospitals, and mixed-use developments requiring large parking capacities.

Puzzle Type Automated Parking System

The Puzzle Type Parking System uses a grid-based structure where parking platforms move both vertically and horizontally to create an empty slot for vehicle entry and exit.

The intelligent movement of pallets allows vehicles to be parked and retrieved efficiently without manual intervention.

Key Benefits

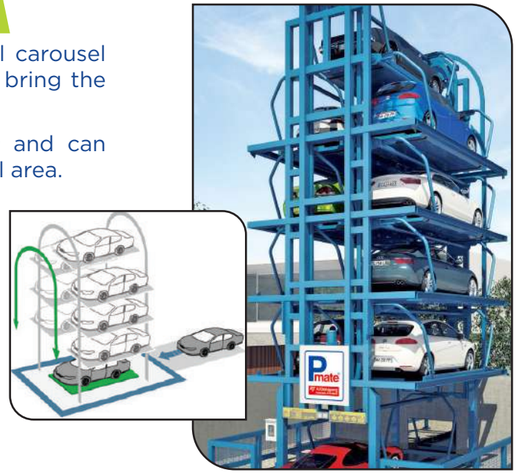
- Efficient use of limited space
- Faster parking and retrieval compared to conventional stacked systems
- Modular design suitable for expanding parking capacity
- Lower construction cost compared to fully tower-based systems

Best suited for: Small to medium-scale developments such as apartment buildings, offices, and urban infill projects.

Rotary Type Automated Parking System

The Rotary Type Parking System operates on a vertical carousel mechanism that rotates vehicles in a circular motion to bring the required vehicle to the ground level.

This system offers a highly compact parking solution and can significantly increase parking capacity within a very small area.



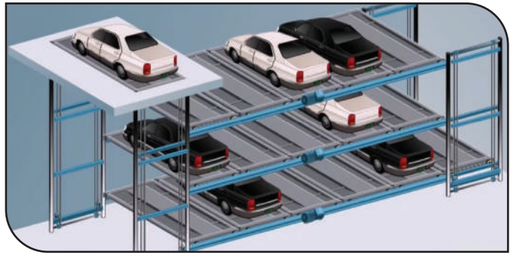
Key Benefits

- Extremely small footprint requirement
- Simple and reliable mechanical design
- Fast installation with minimal civil work
- Ideal for retrofitting into tight spaces

Best suited for: Small plots, urban buildings, offices, and locations with severe space limitations.

Multi-Layer Circulation Automated Parking System

The Multi-Layer Circulation Parking System is designed for large-scale automated parking facilities where high vehicle volumes need to be handled efficiently.



Vehicles are transported using a network of high-speed lifts and intelligent shuttle carriers that circulate across multiple levels, ensuring optimized parking allocation and quick vehicle retrieval.

Key Benefits

- Designed for very high parking capacities
- Intelligent vehicle distribution across multiple levels
- Reduced waiting time through multi-directional shuttle movement
- Highly scalable for large developments

Best suited for: Airports, large commercial complexes, shopping malls, transport hubs, and mega mixed-use developments.

2 VEHICLE ELEVATOR SYSTEMS

Vehicle Elevator Systems provide an efficient solution for transporting vehicles between different floors within multi-story buildings. These systems are particularly useful in developments where conventional ramps are impractical due to space limitations or architectural constraints.

Designed to ensure smooth, safe, and reliable vehicle movement, DIMO offers customized vehicle elevator solutions tailored to suit the specific layout, structural requirements, and operational needs of each project.

Car Elevators

Car Elevators are designed to transport vehicles vertically between parking levels within a building. These systems eliminate the need fo long ramps, helping to optimize space while maintaining convenient vehicle access.

Key Benefits

- Saves valuable building space by eliminating ramps
- Smooth and safe vehicle transportation between floors
- Ideal for residential, commercial, and mixed-use developments
- Customizable platform sizes to accommo date different vehicle types

Car Hoist Systems

Car Hoist Systems provide a practical and cost-effective solution for transferring vehicles between floors. These systems are commonly used in buildings with limited spaces where a full elevator system may not be required.

Two primary configurations are available depending on the project requirements:

Scissor Type

A compact lifting mechanism that uses a scissor-style structure to raise vehicles vertically. This solution is ideal for confined spaces and is typically recommended for travel between ground and one upper level.

Four Post Type

A robust lifting system supported by four structural columns, allowing for larger platform sizes and greater lifting heights. This type is suitable for projects requiring vehicle transfer across multiple floors.

3 MECHANICAL CAR PARKING SYSTEMS

Mechanical Car Parking Systems are designed to maximize parking capacity through efficient vertical stacking of vehicles within a minimal footprint. These systems offer a practical, cost-effective alternative to conventional parking, especially in developments where space constraints limit the number of parking bays.

Engineered for safety, reliability, and ease of operation, mechanical systems are ideal for both residential and commercial applications, providing increased parking capacity without major structural modifications.

Car Stackers

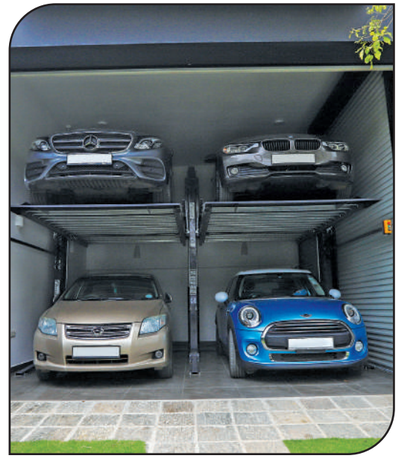
Car Stackers are one of the most widely used mechanical parking solutions, enabling multiple vehicles to be parked within the footprint of a single conventional parking space.

By vertically stacking vehicles using hydraulic or motorized lifting platforms, these systems can double or even triple parking capacity, making them highly effective for space optimization.

Key Benefits

- Maximizes parking capacity within limited space
- Cost-effective compared to automated systems
- Simple operation and low maintenance
- Suitable for both indoor and outdoor installations

Best suited for: Apartment complexes, office buildings, and retrofitting existing parking areas.



4 CAR PARKING MANAGEMENT SYSTEMS

Car Parking Management Systems enhance the efficiency and control of parking facilities through intelligent monitoring, guidance, and analytics. Designed for developments of all scales, these systems enable smooth traffic flow, reduced congestion, and improved user experience.

DIMO's solutions integrate advanced technologies to provide real-time visibility and optimized utilization of available parking spaces, supporting better operational decision-making and facility management.

Key Features

- Real-time vehicle guidance with digital displays and sensor-based space detection
- Centralized monitoring and control of parking operations
- Live occupancy tracking and reporting
- Traffic flow optimization within the facility
- Data-driven analytics for improved space utilization

5 TURNING TABLE

Turning Tables provide a simple and effective solution for maneuvering vehicles within confined spaces. Designed to rotate vehicles in place, these systems eliminate the need for complex turning movements, making them ideal for locations where space constraints restrict easy entry and exit.

Commonly used in basements, narrow driveways, and high-density urban developments, Turning Tables enhance accessibility, safety, and overall traffic flow within parking areas.

Key Benefits

- Enables 360° vehicle rotation within a limited space
- Eliminates the need for reverse driving in tight areas
- Improves safety and ease of vehicle maneuvering
- Suitable for indoor and outdoor installations
- Can be integrated with automated and mechanical parking systems

Call us today to explore the world of creative car parking solutions!

DIMO

THE PERFECT PARTNER

65, Jethawana Road, Colombo 14, Sri Lanka

www.dimolanka.com | www.facebook.com/DimoSriLanka

For Inquiries Contact: Arunod Mobile: +94 77 322 9215