

# MAGNEQ Multiparking LLP.



- Semi-Automatic Parking system
- Automatic Parking System





# OUR SERVICES

- » PUZZLE PARKING
- » PIT PARKING
- » SINGLE LEVEL STACKER
- » THREE LEVEL STACKER
- » CANTILEVER PARKING
- » ROTARY PARKING
- » TOWER PARKING





# ABOUT US

Magneq Multiparking LLP is an imminent parking solution provider. We aim to deliver best in class user experience and provide outstanding automated parking solutions that maximize your parking within minimum space.

Knowing us as a reputed firm, we are engaged in manufacturing and supplying a wide range of car parking systems with the most extensive product range across the globe. We also have expertise in stack parking, pit parking & puzzle parking. Manufacturing of this range is done in compliance with the set industry norms and guidelines. Magneq Multiparking has established a sound reputation and valuable network in the local and neighboring markets by providing superior quality products and professional services. We have esteemed knowledge in providing precise fabrications for industrial equipment which is a critical part of the manufacturing process.

## A NEW ERA IN PARKING

Nowadays, people jostling for space to park their vehicle has become a common sight everywhere, as the count of cars in metro cities keeps growing. Magneq Multiparking is an ideal solution provider that helps you solve your space problems with our innovative ideas of compact parking systems. We offer world class technology with customized solutions.

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Parking is a substantial project amenity! Magneq Parking Solutions can help your project stand out amongst the competition, for several reasons.

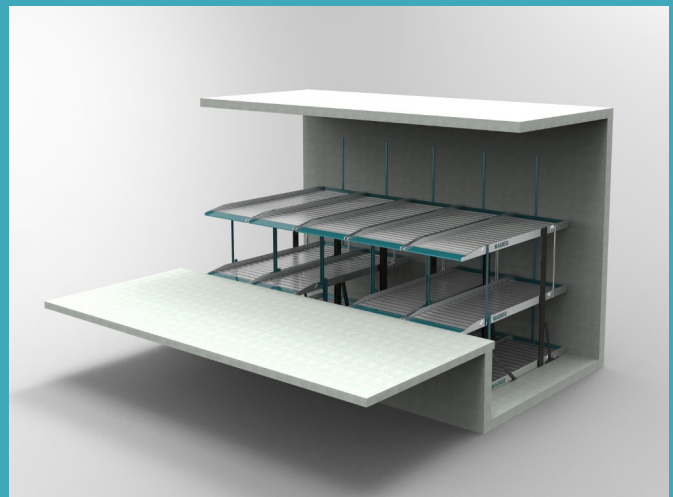
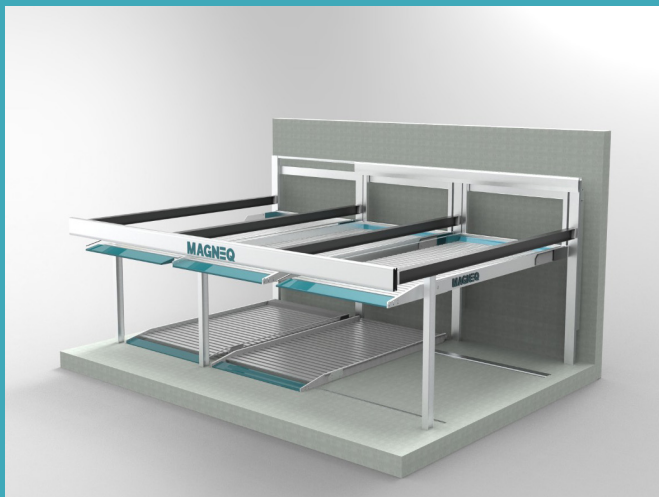
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- Cost-efficient Pricing.
- An all-in-house operation.
- On-site & On-call visitations.
- Customer-centric approach.
- Best in the field to Design, Manufacture, Install & Support by professionals.
- Quality product - All steel structure, structural items and platforms painted with corrosion resistant undercoat and paint.

# PUZZLE PARKING

Puzzle Parking, is a fully automated system and is designed in the form of matrix of rows and columns. A certain number of spots are kept vacant to enable horizontal and vertical movement of remaining spots like a puzzle. It comes in different level configurations; with or without pits and is ideal for new construction or retrofits.

- Central hydraulic power pack and control panel
- Completely sealed platforms to prevent drip through
- The platform is designed to be very sturdy and will also avoid any slippage



# PIT PARKING

Pit Parking system offers parking for three & two cars one on the ground level, one car in the Pit and one level above ground (in case of three car parking). This system can be installed indoor and outdoor. The access to all parking spaces is horizontal. In order to facilitate proper parking of the vehicle this stacker works on a hydraulic lift system.

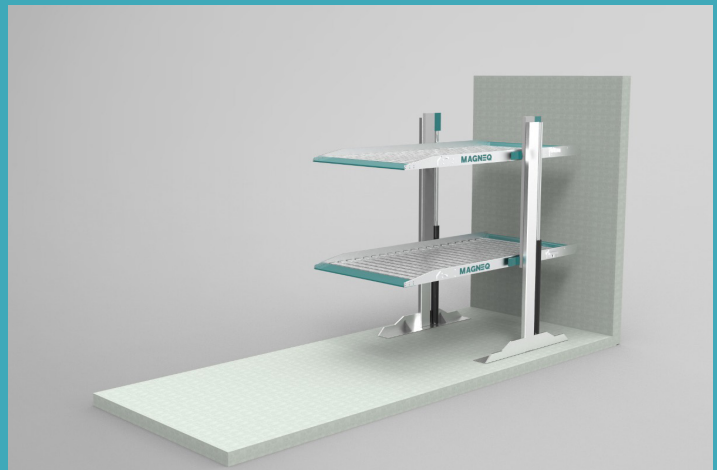
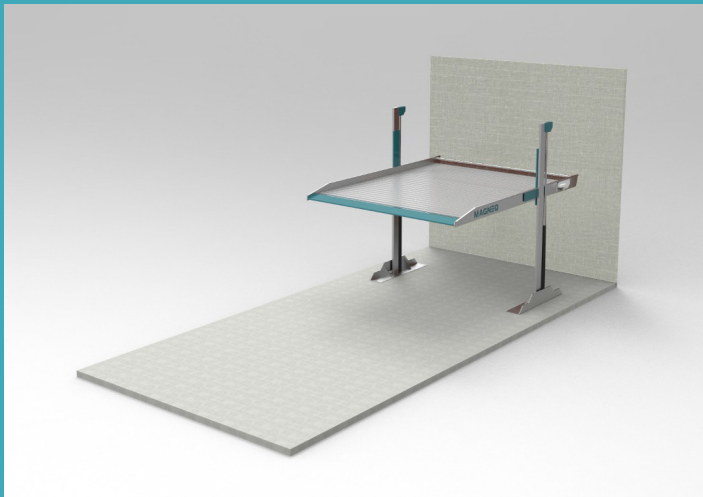
- Load capacity 2000 Kg. of each pallet
- Multiple entries to facilitate easy manoeuvring
- Key operated to prevent unauthorized use



# SINGLE STACKER

Single Stack Parking system aim to double the parking space for above / basement type parking. Stack parking system features a pallet that is lifted up and then after the car is loaded. Thus additional parking can be made available in the space below the loaded pallet. These systems are electro mechanically and hydraulically operated.

- 2,000 kg -2,600 kg platform load
- Sturdy design for a multi-story parking garages, on-street parking and parking lots
- Customizable and cost efficient--design options for this manually operated system
- Electromagnetic locking mechanism to prevent unwanted lowering of upper stack



# THREE LEVEL STACKER

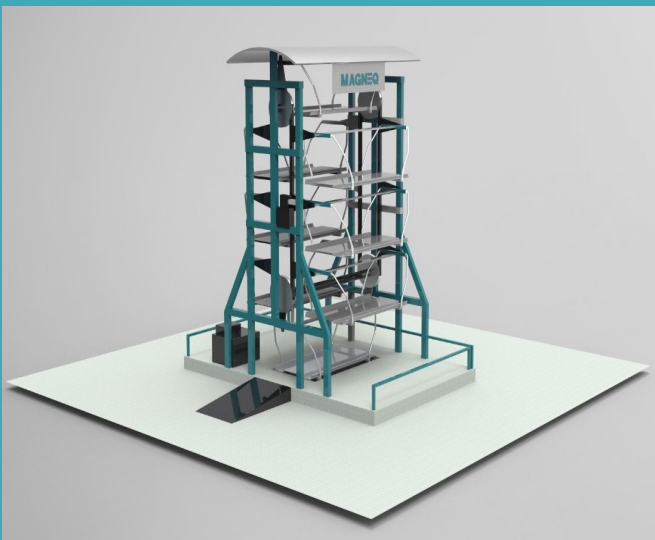
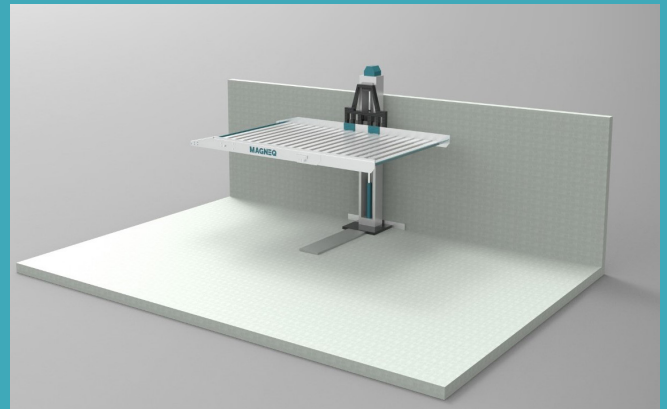
The Three Level Stacker raises and locks two platforms in place allowing a third vehicle to be parked at grade. One car is parked on the ground level, one on middle level and one on the top level. All three levels are mechanically connected to each other and the movement is simultaneous, vertically up & down together with a safety lock system.

- Motor- Chain operated Sliding Mechanism.
- A mechanical synchronization control system
- Ideal for private residences and multi-storied apartments.
- Fabricated barriers provided on each platform to provide safety against unwanted lowering.

# CANTILEVER STACKER

This is a two-level platform, where one car is parked on the ground level and one on the primary level for easier mobility on site. It is an dependent parking system, wherein, the car parked on the first level requires the car parked on the ground level to be moved. It has heavy duty rotating bearing system for carriage purpose.

- Lifting capacity up to 2500 kg
- Compact Power pack system with enclosed motors
- Lifting mechanism installed only on one side of the Stack
- Key-Push button for easy operation with fixed anti-fall lock warning device
- Electromagnetic locking mechanism to prevent unwanted lowering of upper stack



# ROTARY PARKING

Rotary parking system is a unique parking system, the carousel design enables to park more than 4 vehicles in the space of only 2 parking spots. In this system, once the car enters into the Parking bay in the ground floor all the other cars are rotated in a clockwise direction, so that an empty bay reaches the ground floor. To unload a car, all the cars are rotated in a clockwise direction, so that the selected car reaches the ground level.

- Operates on a simple wheel mechanism
- Can be easily constructed in a small area
- Clockwise and anticlockwise rotation for faster retrieval of cars
- An engineering marvel to accommodate up to 16 parkings in minimum area

# TOWER PARKING

This is a multi-level system, equipped with a vertical lift. It is designed to automatically move the vehicles on a pallet vertically on the elevator, it then transfers it horizontally left or right for storage. Tower parking is an ideal solution to maximize parking in narrow plots.

- Very small ground plan and very slim construction
- Flexible design offering solutions in complex scenario
- The most efficient system, space efficient and able to accommodate up to 70 cars
- High end operating system with no defects, low power consumption and low exploitation cost
- Tower systems are completely independent and they allow for different levels of automation.
- Low costly concrete repairs / maintenance and lower liability insurance



## REQUIREMENTS FROM CLIENTS

1. Emergency exit corridor and associated fittings and doors.
2. Site for construction of the Parking system allotted must be cleared with no obstructions.
3. While assembling the system, storage facilities for keeping our instruments and parts of the system to be provided by the clients.
4. External cladding to be provided.
5. Temporary 3PH electrical connection must be provided while assembling and installation of the parking system.
6. Sufficient power connection for working and earthing provision to be made by the clients.
7. Fire fighting system shall be provided by the client.
8. Civil work as the foundation for a semi automatic parking system must be done at the allotted area prior to installation.
9. Base area of the parking space allotted shall we can concrete with minimum strength of M20.
10. In case of parking installed in an open to sky location it is recommended to have weather-covering over the installation to prevent damage to electronics and mechanisms due to weathering.
11. Required concrete foundation to support tower weight.
12. Corner angles for supporting the tower to be provided by the client.
13. MCB and Main Electrical Connection for(or 4 Pole RCBO) along with electrical cable fitting must be provided from the Main Power supply to the parking system. With 3Ph 415 AC, 50Hz with Neutral and Earth (3PH+N+E).

# MAGNEQ Multiparking LLP.



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