

# One Stop Parking Solutions



Multilevel Car Parking Systems



Affordable Robotic & Automation Ltd.



**ARAPL**  
"globalising automation"

# About us

The history of Affordable Robotic and Automation Limited. reaches back to 2005,

when the company was established to offer a high quality, multi-disciplined draughting service to the automotive and tooling industries. The business soon began to flourish and in 2007 saw the company moved to Automation & Robotic Industry and in addition to a Design House we added all the facilities in house such as Machine shop, Quality Control, Assembly etc. were added.

In 2010, it became a well reputed organization in Indian Automotive & Automation

sector, providing complete Turnkey projects in Automation & Robotics Industry. Today ARAPL is into :

- Manless Automated 4 wheeler & 3 wheeler manufacturing assembly line
- Semi Automated 2 wheeler manufacturing assembly line
- Real Time Simulation
- Automated Car Parking Solutions



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# ROTARY PARKING SYSTEM



## Features

- Rotates clockwise/anti-clockwise hence saves time.
- Effective utilization of space.
- Less operating cost.
- Quiet operation – low noise levels in comparison to any other type of parking system.
- Low power consumption.
- Available in options of 6/8/10/12/14 cars.

Suitable Car	Length: 5000 mm Width: 2000 mm Height: 2000/1750/1550 mm Weight: 2000 Kg
Power Source	Main:AC415V/3Ph/50Hz
Operation	LCD Panel
Safety	Safety Sensors Parking Guidance

# ALLEY PARKING SYSTEM

## Features

- Effective utilization of space.
- Mostly used at driveway adjacent to Building wall.
- Less operating cost.
- Low power consumption.
- Low power consumption.
- Available in options of 2 level & UP.

Suitable Car	Length: 5000 mm Width: 2000 mm Height: 2000/1700/1550mm Weight: 2200 Kg
Power Source	Main:AC415V/3Ph/50Hz
Operation	LCD Panel
Safety	Safety Sensors Parking Guidance Emergency Stop Switch



# PUZZLE PARKING SYSTEM

## Features

- Multiple Entry & Exit.
- Go up to 7 level.
- Galvanized sheets used for Pallets.
- LED sign display boards to identify empty slots.
- Available in options of G+1 to G+5 levels.

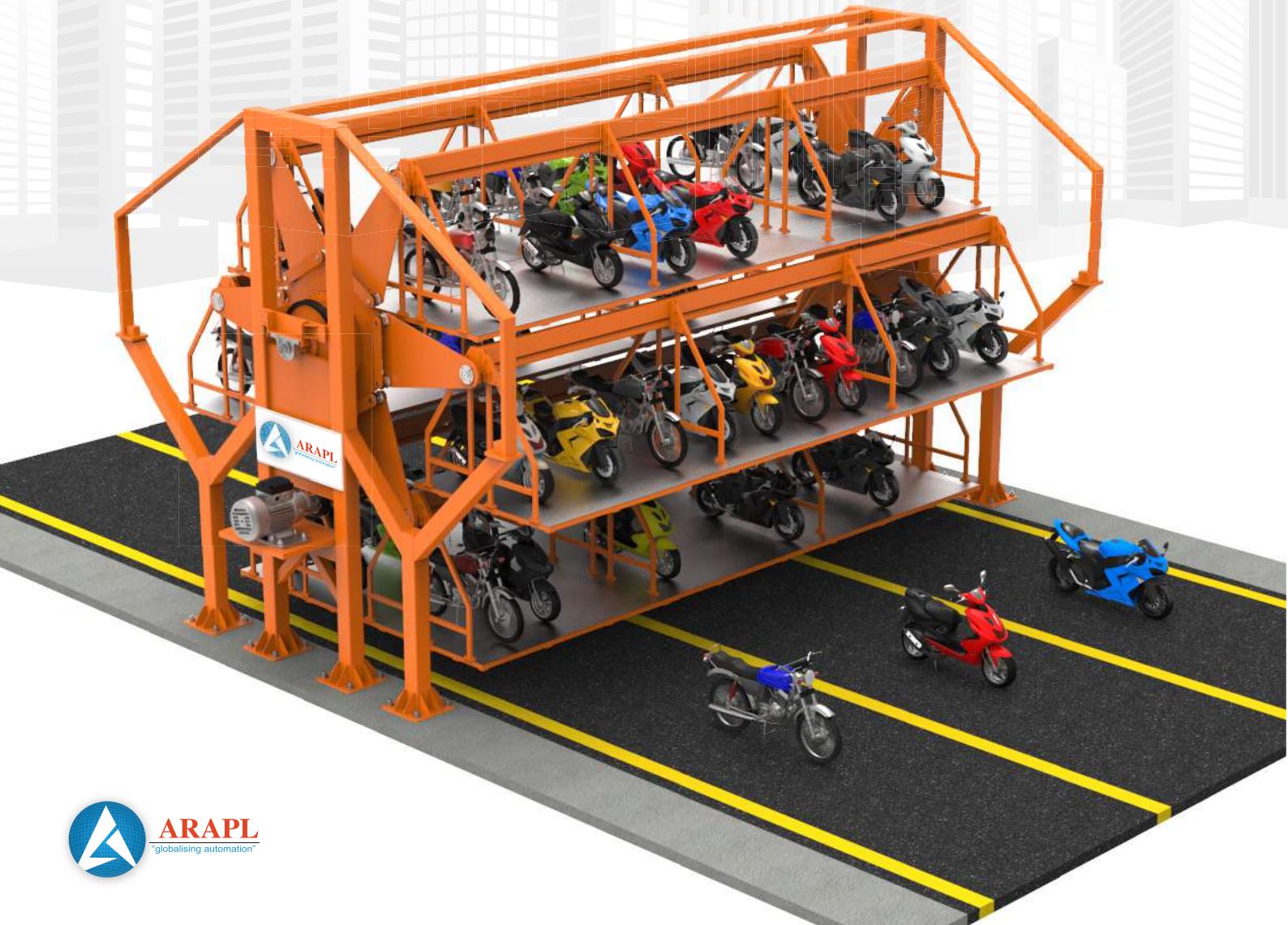
Suitable Car	Length: 5000 mm Width: 2000 mm Height: 2000/1700/1550mm Weight: 2200 Kg
Power Source	Main:AC415V/3Ph/50Hz
Operation	LCD Panel
Safety	Safety Sensors Parking Guidance Emergency Stop Switch Fully Automatic Door (Optional )



# 2 WHEELER ROTARY PARKING SYSTEM

## Features

- Rotates clockwise/anti-clockwise hence saves time.
- Effective utilization of space.
- Less operating cost.
- Quiet operation – low noise levels in comparison to any other type of parking system.
- Low power consumption.
- Available in options of 6/8/10/12 Bikes/Pallet & 6/8/10/12 Pallets/System.



# STACK PARKING SYSTEM

## G+1 STACKER

Suitable car size	Length: 5000mm Width: 2000mm Height: 1500/1700/1800/2100mm Weight: 2200 Kg
Power Source	Main:AC415V/3Ph/50Hz
Operation	LCD Panel
Safety	Safety Sensors Parking Guidance Emergency Stop Switch



## G+1-1 STACKER

Suitable car size	Length: 5000mm Width: 2000mm Height: 1700(G+1-1), 1700/2000(G)mm Weight: 2200 Kg
Power Source	Main:AC415V/3Ph/50Hz
Operation	LCD Panel
Safety	Safety Sensors Parking Guidance Emergency Stop Switch



# TOWER PARKING SYSTEM



## Features

- Effective utilization of space.
- Manual / Automatic mode
- Sensors for safety and orientation of car
- Customized as per requirement
- Easy maintenance

Suitable car size	Length: 5200 mm Width: 2000 mm Height: 1700mm - Sedan Height: 2050 mm - SUV
Power Source	Main: AC415V/3Ph/50Hz
Operation	LCD Panel
Safety	Safety Sensors Limit Switch Parking Guidance Emergency Stop Switch

# HORIZONTAL CIRCULATION PARKING SYSTEM

## Features

- Effective utilization of space.
- Less operating cost.
- Quiet operation – low noise levels in comparison to any other type of parking system.
- Low power consumption.
- Available in various options as per space availability.

Suitable car size	Length: 5000 mm Width: 2000 mm Height: 1550/1700/2000mm Weight: 2500 Kg
Power Source	Main:AC415V/3Ph/50Hz
Operation	LCD Panel
Safety	Safety Sensors Parking Guidance Emergency Stop Switch



# CHESS TYPE CAR PARKING SYSTEM

## Features

- Effective utilization of space.
- Less operating cost.
- Quiet operation – low noise levels in comparison to any other type of parking system.
- Low power consumption.
- Available in various options as per space availability.

Suitable car size	Length: 5000 mm Width: 2000 mm Height: 1700/2000 mm Weight: 2500 Kg
Power Source	Main:AC415V/3Ph/50Hz
Operation	LCD Panel
Safety	Safety Sensors Parking Guidance Emergency Stop Switch



# SHUTTLE TYPE CAR PARKING SYSTEM

## Features

- Effective utilization of space.
- Less operating cost.
- Quiet operation – low noise levels in comparison to any other type of parking system.
- Low power consumption.
- Available in various options as per space availability.

Suitable car size	Length: 5000 mm Width: 2000 mm Height: 1700 /2000 mm Weight: 2500 Kg
Power Source	Main:AC415V/3Ph/50Hz
Operation	LCD Panel
Safety	Safety Sensors Parking Guidance Emergency Stop Switch



## Affordable Robotic & Automation Limited

Gat No. 1209, Near Hotel Vijay Executive,  
Pune - Saswad Road, Wadki,  
Tal. Haveli, Dist. Pune - 412308

**Contact No : +91-7720018901**  
**Email : - rahul@arapl.co.in**



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