

Multilevel Automatic Car Parking System @ Lloyd Street, Pune Cantonment Board

System Description

Patented Silomat Parking System: equivalent to Chess Parking system is a state-of-art Robotic Parking system for Urban Areas where there is acute shortage of parking spaces not just within large residential / commercial buildings but also in Public Pay & park parking areas of commercial business districts.

On an average, a single car requires a parking space of about 350 Sqft in conventional system. Using Patented Silomat Parking System, this requirement can be reduced to as low as 180 sqft per car. The proposed car parking system for Pune Cantonment Board accommodates around 184 cars in around 38,000 Sqft of area.

This is one of its kind project in India where on an operational road a parking system is built vertically upwards and when completed will be functional without any hindrance to vehicular traffic flowing through it.

In the Patented Dolly automated car parking systems, the driver has to do little to get the car parked. In fact, the driver just needs to drive to a designated dolly area. The dolly will take over the car and transport it to an empty parking space in the lot. Retrieval is just as easy. On being notified, the system will bring back the requested vehicle.

There will be a dedicated lobby for the parking and the exit. As such, the security is complete as those two places will be continuously monitored. Moreover, confusions are not likely to arise as to who will get which parking space.

A major feature of the Patented Dolly is that you can maximize the parking slots available even from a relatively small parking space. Operation is understandably simple as it is all automated. Operation costs are reasonable as well.

There are several benefits possible on the use of the patented dolly system in our parking lot.

- It is possible to access and service the system remotely.
- There are multiple degrees of redundancy in place.

- The maintenance costs are quite reasonable.

The Patented Dolly parking lift system can be useful in several situations. Commercial establishments including hotels can make use of it to simplify their parking issues. Large residential complexes can also find this parking system to be beneficial.