

Calle Gran Via, 68 Madrid, Spain Fully Automated Car Parking System



Construction year : **2018**

Employer : **Fernandez Molina Obras Y Servicios, S.L.**

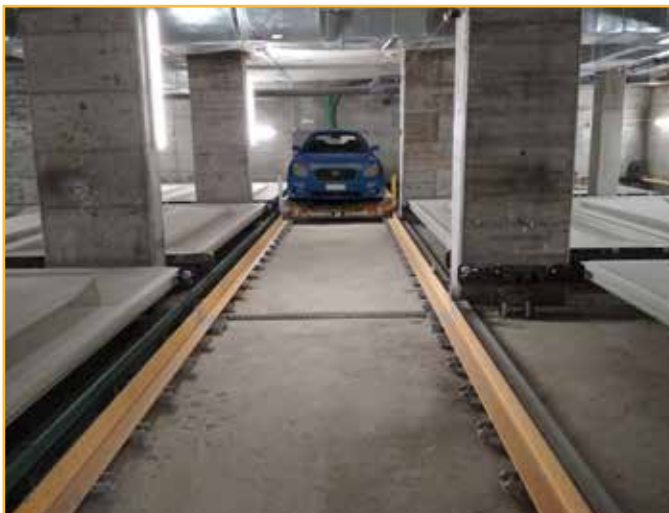
Supplier : **Parkolay**

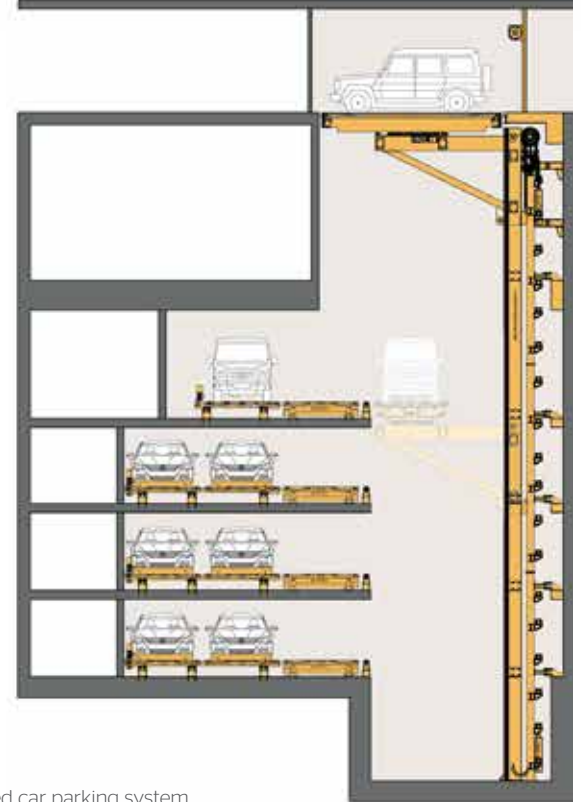
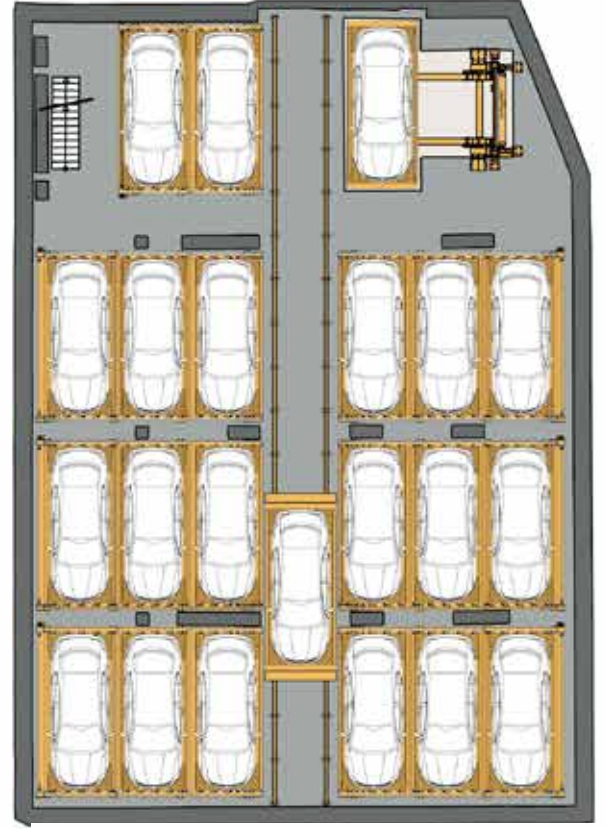
Capacity : **75 Car Parking Spaces**

Model : **Parkule 100**

Application : **Office Building, Permanent User**

Parkule 100 fully-automated parking system in Gran Via street in Madrid, Spain was installed on an area of **387 sqm**. This solution allows for **75 vehicles** (25% of SUVs) to automatically park. The main **Parkule 100 Lift** including a **Turntable**, was implemented to travel **17 m** deep to reach all **4** parking floors. Additionally, the project includes a **Parking Space Shuttle** which has the World's faster travelling speed, capable of reaching **2 m/s**. This technology is applied in each parking floor and therefore allows to park in and retrieval all parking pallets within the floor.





Calle Gran Via, 68 Madrid, Spain

Technical Specifications

Construction year	: 2018
Number of parking spaces	: 75
Number of parking floors	: 4
Parking floor area	: 387 m ²
Parking area length	: 23.05 m
Parking area width	: 16.80 m
Parking system height	: 8 m
Parking system structure volume	: 3.480 m ³
Construction volume per parking space	: 46 m ³

Access Times (Approx.)

Times for consecutive parking operations in Automatic Operation mode:

(Time of vehicle delivery by driver is assumed as 45 sec.)

Shortest parking time	: 75 sec.
Longest parking time	: 180 sec.
Average parking time	: 90 sec.
Number of simultaneous parking operations	: 1

Vehicle dimensions (Maximum)

Length	: 5.15 m
Width	: 2.15 m
Height	: 1.60 m (58 Parking Spaces)
	: 2.00 m (17 Parking Spaces)
Weight	: 2.5 t

System Type: Fully automated car parking system

Model : **Parkule 100 with Turntable and Parking Space Shuttle**

Technology : Fastest pallet transfer mechanism and world's slimmest shuttle

Standart : TS EN 14010

