Calle Gran Via, 68 Madrid, Spain

**Fully Automated Car Parking System**

**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.
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Technical Specifications

- Construction year: 2018
- Number of parking spaces: 75
- Number of parking floors: 4
- Parking floor area: 387 m²
- Parking area length: 23.05 m
- Parking area width: 16.80 m
- Parking system height: 8 m
- Parking system structure volume: 3,480 m³
- Construction volume per parking space: 46 m³

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)
- 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