

Iran, Tehran, Zartosht

Zartosht Public Parking

Fully Automated Parking System



Designing year : 2021

Employer : Governmental

Main Contractor : Parkolay

Capacity : 69 cars

System : Parkule 144, 1 system

Structure : Freestanding steel structure

CAPACITY

- Building footprint area: 271 m²
- Building height : 28.3 m
- Number of parking floors: 9 on the ground
- Entry-Exit & Lobby: Ground floor
- Equipped with turn-table



OPERATION

- Operation without personnel.
- Ventilation and lighting savings
(No exhaust gas formation, no people inside the parking space)
- High insurance availability thanks to high safety level
- Remote access over the internet.

PERFORMANCE

- Entry-Exit room with turntable
- Shortest parking time: 30 sec.
- Longest parking time: 120 sec.



COMFORT

- Parking without manoeuvring difficulties and without using inconvenient ramps and corridors for getting to/exiting from the parking floors and for parking.
- Safe and secure parking away from risks such as theft, accidents, etc.

STANDARDS

- EN 14010 - CE Certificate (CE: "European Conformity")



SAFETY

- 2006/42/EC Machinery Directive

EN 14010 Safety of machinery - Equipment for power driven parking of motor vehicles
Safety and EMC requirements for design, manufacturing, erection and commissioning stages

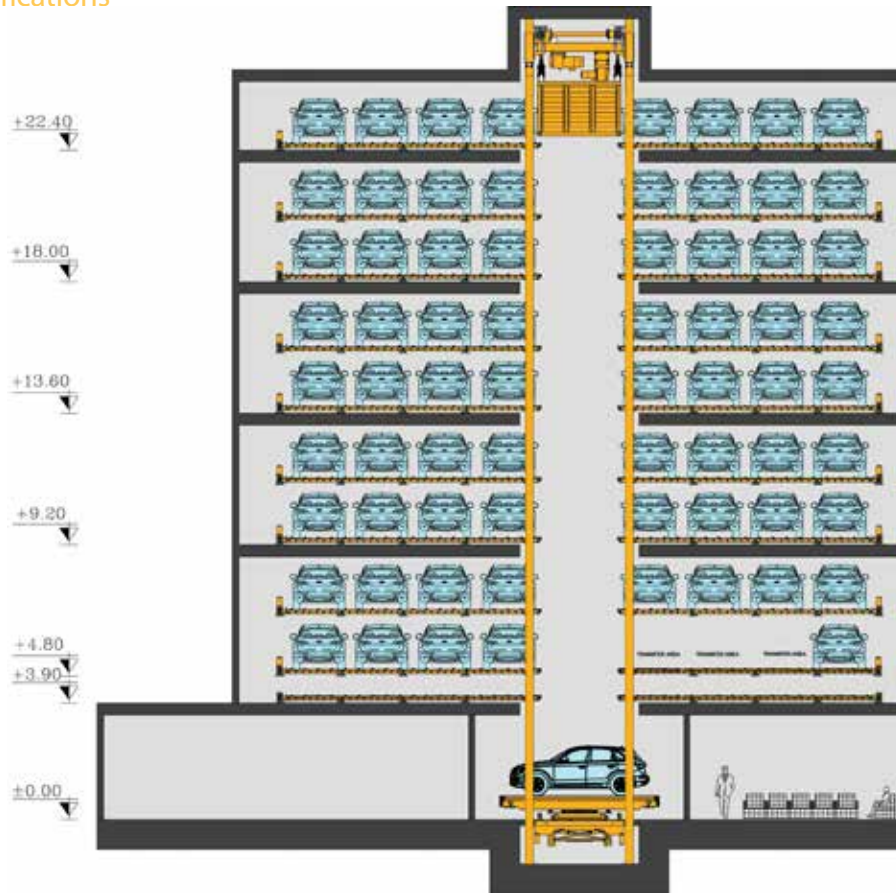


Standart : EN 14010



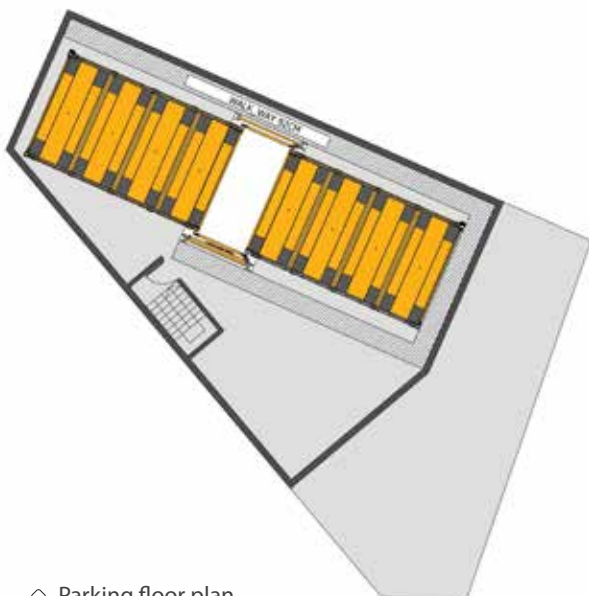
Zartosht , Fully Automated Parking System

Technical Specifications

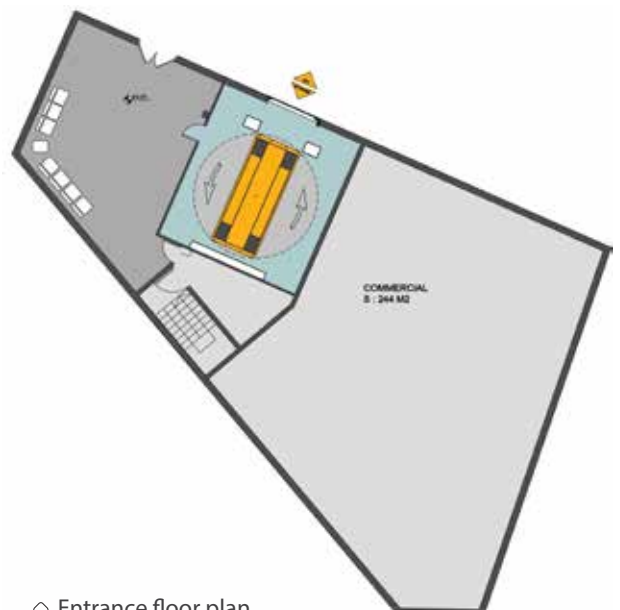


- ◇ separate car and people route.
- ◇ compatible with fire terms.
- ◇ drive in/out forwards.
- ◇ adapting to the unique building necessities and constraints.
- ◇ minimum personnel requirements.
- ◇ ventilation, lighting and energy savings.

- ◇ high security and safety level allowing for less insurance cost.
- ◇ optimal parking and retrieval time.
- ◇ safe and secure parking away from risks such as theft, accident, etc.
- ◇ suitable for disabled people, easy parking at the large entry room.



◇ Parking floor plan



◇ Entrance floor plan