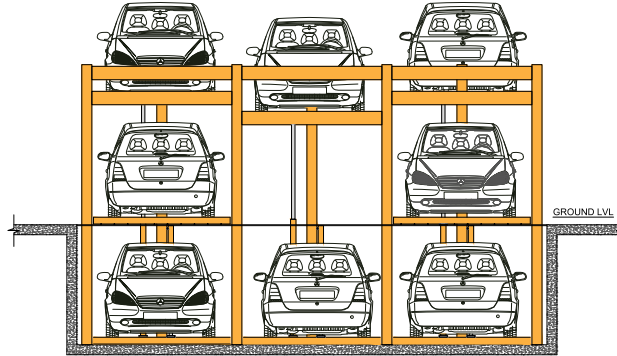


≡ THREE LEVEL PUZZLE PARKING (E3PS(-1)/PM(-1)/PB(-1)) ≡

This is a three level parking systems where the platforms slide both horizontally and vertically thereby making it easier to park and retrieve cars, without having to remove cars on the ground level. The number of ground level slots can be a maximum of 6. One slot on the ground level needs to be kept empty at all times.



TYPE	Three Level Puzzle Parking with Pit
MODELS	E3PS(-1)/E3PM(-1)/E3PB(-1)
NO. OF CAR PER UNIT	Number of Slots Minus 2
LIFTING CAPACITY	2000 Kg [Per Car Weight]
LIFTING TIME	40-50 Seconds per Stack
SLIDING TIME	10-15 Seconds per Platform
OPERATION	Upper Stack lifting with Hydraulic Cylinder, Lower Stack Sliding Either Side With Motor Chain Mechanism. Integrated System with Touch Screen/ Keyboard operation.
POWER SUPPLY	415 V, 3 phase, 50 Hz
POWER CONSUMPTION	Up to 0.03 units per Stack Lifting and 0.01 units per sliding operation (approx).

Standard Features:

- Fast and automatic retrieval of cars from the parking space without removing any cars parked on the ground level of the system.
- One slot left empty at all times for movement of ground level platforms.
- Hot dipped Galvanized Corrugated floor plates to reduce dead weight and increase durability.
- Totally enclosed Compact Power pack systems with rubber bush fittings for reduced noise levels.
- Motor- Chain operated Sliding Mechanism.
- Single Power Pack per system to reduce cost.
- Complete system monitored with photo sensors for smooth and error free automation.
- Limit switches provided for each slot.
- Electromagnetic safety locks provided for upper level stacks.
- Fully automatic integrated operation.
- Emergency Shut Down switch located every 6m or minimum 1 per system for smaller sizes.
- Optional Touch Screen/Numerical Keyboard operation Panel.

Requirement from Client:

- Parking area allotted must be cleared with no obstructions.
- Civil work in Pit to be completed with appropriate drainage system provided to prevent water accumulation causing rusting of the framing.
- Pit area to be provided with adequate lighting.
- During erection of the system client should provide storage facilities for keeping our tools and other valuable parts of the system.
- Temporary Electrical connection must be provided at the time of erection and installation of the systems.
- MCB and Main Electrical Connection (or 4 Pole RCBO) along with electrical cable fitting must be provided the from Main Power supply to the parking systems. With 3Ph 415V AC, 50Hz with Neutral and Earth (3Ph+N+E).
- Incoming Cable Size Should be atleast 5 Core x 2.5sq. mm. Flexible Copper multi Core cable (3PH+N+E) from Main Switch to Control Panel.
- Civil work as foundation for stack parking system must be done at stack parking allotted area prior to installation.
- Base area of the parking space allotted shall be Concrete with minimum strength of M20.
- In case of Parking Installed in open to Sky location, it is recommended to have a weather covering over the installation to prevent damage to the electronics / mechanism due to weathering.