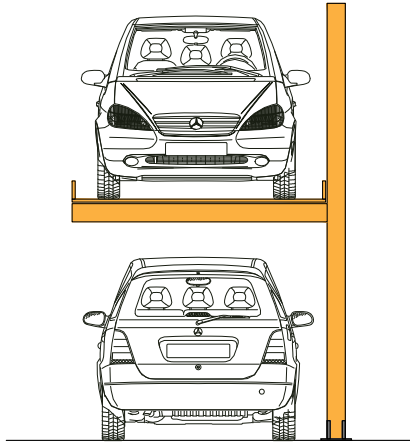


≡ TWO LEVEL CANTILEVER STACKER (E2CS/CM/CB) ≡

This is a Two Level Parking system; where one car is parking on ground level and one on first level. This has pillars only on one Side for the Parking System, which makes maneuverability on the site easier.

The Car on the ground level will need to be moved out before parking/ removing the car on the raised Platform.



TYPE	Cantilevered Two Level Single Stacker
MODELS	E2CS/E2CM/E2CB
NO. OF CAR PER UNIT	2 Cars
LIFTING CAPACITY	2200 Kg [Car Weight]
LIFTING TIME	35-45 secs
OPERATION	Hydraulic Power Pack, One Cylinder with PLC control Panel Key/Push Button Operated
POWER SUPPLY	415 V, 3 phase, 50 Hz
POWER CONSUMPTION	Up to 0.03 units per operation (approx.)

Specification Table:

MODEL	SYSTEM WIDTH (MM)	PLATFORM WIDTH (MM)	PLATFORM LENGTH (MM)	LOWER CAR HEIGHT(MAX)	LIFTING MECHANISM	CAR CATEGORY
E2CS	2100	1900	4000	1800	Hydraulic/Motorized	Small Cars
E2CM	2200	2000	4500	1800	Hydraulic/Motorized	Mid Sized Sedans
E2CB	2400	2200	4800	2000	Hydraulic/Motorized	Large Sedans/ SUV's

Note: All Sizes can be varied as per client requirements and site conditions.

Standard Features:

- Vehicles can be driven across stacks.
- One Platform per system.
- Lifting mechanism installed only on one side of the Stack.
- Color scheme for the System will be provided as per the client's color theme.
- Hot dipped Galvanized Corrugated floor plates to reduce dead weight and increase durability.
- Chain/Wire supported balancing and lifting Mechanism.
- Totally enclosed Compact Power pack system with rubber bush fittings for reduced noise levels.
- Photo sensor for the bottom stack to prevent accidental lowering of upper stack.
- Electromagnetic locking mechanism to prevent unwanted lowering of upper stack.
- Limit switches for each Slot to prevent damages to the car on the upper stack.
- Remote switch box with Key/Push button for easy operation.
- Emergency Shutdown switch.

Requirements from Client:

- Parking area allotted must be cleared with no obstructions.
- If the system is to be installed adjoining the Boundary wall, the same will have to be demolished and re-erected by the client at their own cost.
- Additional space to be provided for storing and installing the Power Pack system.
- While 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 from the 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 2.5 sq.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.