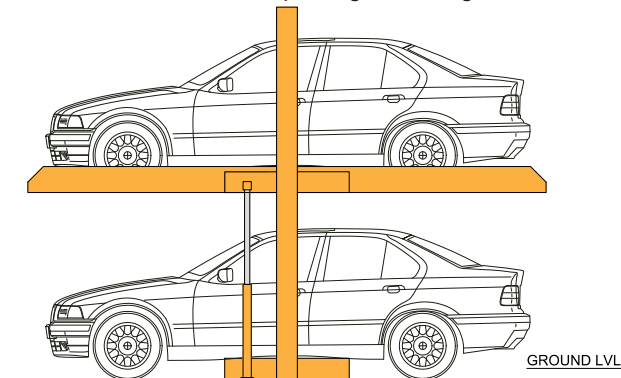


≡ TWO LEVEL SIMPLE STACKER (E2SS/SM/SB) ≡

This is a Two Level Parking system; where one car is parked on the ground level and one on the first level. The Car on the ground level will need to be moved out before parking/ removing the car on the raised Platform.



TYPE	Two Level Single Stacker
MODELS	E2SS/E2SM/E2SB
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
E2SS	2400	2100	4000	1800	Hydraulic	Small Cars
E2SM	2500	2200	4500	1800	Hydraulic	Mid Sized Sedans
E2SB	2700	2400	4800	2000	Hydraulic	Large Sedans/ SUV's

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

Standard Features:

- Hot dipped Galvanized Corrugated floor plates to reduce dead weight and increase durability.
- Color scheme for the System will be provided as per the Client's requirement.
- Totally enclosed Compact Power pack system with rubber bush fittings for reduced noise levels.
- Photo sensor for the bottom car 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.
- During the erection of the system client should provide storage facilities for keeping our tools and other valuable parts of the system.
- Additional space to be provided for storing and installing the Power Pack 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.