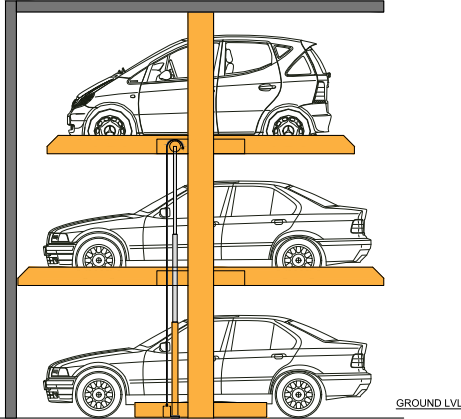


≡ THREE LEVEL SIMPLE STACKER (E3SS/SM/SB) ≡

This is Parking System offers parking for 3 cars; one on the ground and two on the two upper levels. The car on the ground level will need to be removed before lowering the first level platform; similarly the ground and first level cars will need to be removed before lowering the second level platform.



TYPE	Three Level Double Stacker
MODELS	E3SS/E3SM/E3SB
NO. OF CAR PER UNIT	3 Cars
LIFTING CAPACITY	2200 Kg [Per Car Weight]
LIFTING TIME	35-45 secs each stack
OPERATION	Hydraulic Power Pack, One/Two Cylinder with PLC control Panel Key/Push Button Operated
POWER SUPPLY	415 V, 3 phase, 50 Hz
POWER CONSUMPTION	Up to 0.04 units per stack operation (approx.)

Specification Table:

MODEL	SYSTEM WIDTH (MM)	PLATFORM WIDTH (MM)	PLATFORM LENGTH (MM)	LOWER CAR HEIGHT(MAX)	LIFTING MECHANISM	CAR CATEGORY
E3SS	2500	Level 2 – 1900 Level 1 – 2000 Gr.level –2100	Level 2 – 3800 Level 1 – 4000	Level 2 – 1800 Level 1 – 1800 Gr.level –1800	Hydraulic / Motorized	Small Cars
E3SM	2600	Level 2 – 2000 Level 1 – 2100 Gr.level –2200	Level 2 – 4300 Level 1 – 4500	Level 2 – 1800 Level 1 – 1800 Gr.level –1800	Hydraulic / Motorized	Small Cars/ Mid Sized Sedans
E3SB	2800	Level 2 – 2200 Level 1 – 2300 Gr.level –2400	Level 2 – 4500 Level 1 – 4800	Level 2 – 1800 Level 1 – 1800 Gr.level –1800	Hydraulic / Motorized	Mid Sized Sedan/ Small Cars/ Large Sedans/ SUV's

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

Standard Features:

- Two platforms per system.
- Color scheme for the System will be provided as per the client's color theme.
- Hot dipped Galvanized Corrugated floor plates on Stackers to reduce dead weight and increase durability.
- Chain supported balancing and lifting Mechanism.
- Totally enclosed Compact Power pack system with rubber bush fittings for reduced noise levels.
- Photo sensors for the middle and bottom car to prevent accidental lowering of upper stacks.
- Electromagnetic locking mechanism to prevent unwanted lowering of upper stacks.
- 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.
- Additional space to be provided for storing and installing the Power Pack system.
- One end of the stacker to be provided with a rigid support to prevent yawing of the stacker from top.
- 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.