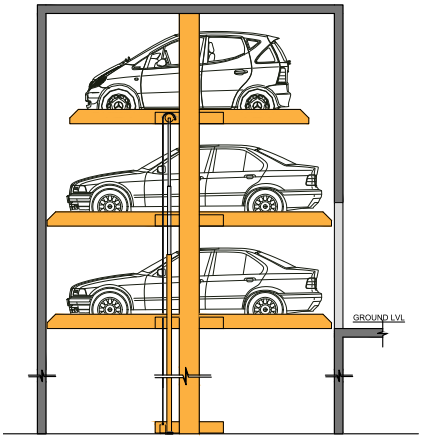
THREE LEVEL PIT STACKER (E3BS(-2)/BM(-2)/BB(-2))

This is Parking System offers parking for 3 cars; two in the pit and one on the ground level. Cars do not require to be removed to access any parking slot.



TYPE	Three Level Stacker with Two Pit Level
MODELS	E3BS(-2)/E3BM(-2)/E3BB(-2)
NO. OF CAR PER UNIT	3 Cars
LIFTING CAPACITY	2200 Kg [Per Car Weight]
LIFTING TIME	40-50 secs each stack
OPERATION	Hydraulic Power Pack, Single/Two 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 stack operation (approx.)

Specification Table:

MODEL	SYSTEM WIDTH (MM)	PLATFORM WIDTH (MM)	PLATFORM LENGTH (MM)	LOWER CAR HEIGHT(MAX)	LIFTING MECHANISM	CAR CATEGORY
E3BS (-2)	2400	Level 1 – 2100 Gr.level – 2100 Pit level –2100	Level 1 – 4000 Level 2 – 4000	Gr.Level – 1800 Level 1 – 1800 Level 2 – 1800	Hydraulic	Small Cars
E3BM (-2)	2500	Level 1 – 2200 Gr.level – 2200 Pit level –2200	Level 1 – 4500 Level 2 – 4500	Gr.Level – 1800 Level 1 – 1800 Level 2 – 1800	Hydraulic	Small Cars/ Mid Sized Sedans
E3BB (-2)	2700	Level 1 – 2400 Gr.level – 2400 Pit level –2400	Level 1 – 4800 Level 2 – 4800	Gr.Level – 1800 Level 1 – 1800 Level 2 – 1800	Hydraulic	Mid Sized Sedan/ Small Cars/ Large Sedans/ SUV's

Note: All Sizes can be varied as per client requirements and site conditions for appropriate parking Spaces and Pit Dimensions.

Standard Features:

- Three Platforms per system.
- Color scheme for the System will be provided as per the Client's requirement.
- Hot dipped Galvanized Corrugated floor plates on platforms to reduce dead weight and increase durability.
- One/Two sets of hydraulic cylinders will be provided.
- Chain supported balancing and lifting Mechanism
- Totally enclosed Compact Power pack system with rubber bush fittings for reduced noise levels.
- Photo sensor for the middle stack to prevent accidental lowering of upper stack or lifting of the lower stack.
- Electromagnetic locking mechanism to prevent unwanted lowering of upper stacks.
- Limit switches for each Slot to prevent damage to the car on the 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.
- Minimum height clearance of 6m is required from Ground Level for installation of this system.
- The minimum clear depth of the pit needs to be 4m from the Ground Level.
- Civil work in Pit to be completed with appropriate drainage system provided to prevent water accumulation.
- Base area of the parking space allotted shall be Concrete with minimum strength of M20.
- Pit area provided should be clean and free of any accumulated water
- Appropriate lighting to be provided within the pit and working area.
- 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.
- 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.

ELEVATE PARKING SYSTEMS