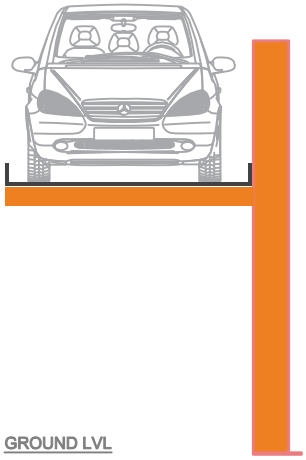
ELEVATE
PARKING SYSTEMS & LIFTS

PARK RIGHT. PARK EASY.

CANTILEVER STACKER (E2CS/CM/CB)

This system is installed to park only one car on the platform and the ground level is left clear for vehicular movements. The system has column arrangement only on one side, generally on the boundary side, leaving the entire driveway clear for passage.



Type	Single Column Cantilever Stacker
Models	E2CS / E2CM /E2CB
No. of car per unit	1 Car
Lifting Capacity	2000 Kg (Car Weight)
Lifting Time	2 m/min
Operation	Hydraulic Power Pack, One Cylinder with Key/Pust button operation.
Power Supply	415V, 3 phase, 50Hz
Power Consumption	Up to 0.03 units per operation (approx)

Model	System Width (MM)	Platform Width (MM)	Platform Length (MM)	Lower Car Height (Max)	Lifting Mechanism	Car Category
E2CS	2300	1900	4000	2200	Hydraulic	Small Cars
E2CM	2500	2100	4500	2200	Hydraulic	Mid Sized Sedans
E2CB	2500	2300	4500	2200	Hydraulic	Large Sedans/ SUVs

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.
- Colour scheme for the System will be provided as per the client's colour theme.
- Hot dipped Galvanized Corrugated floor plates to reduce dead weight and increase durability.
- Compact Power pack system with enclosed motors and rubber bush fittings for reduced noise levels.
- Optional Photo sensor for the bottom car to prevent accidental lowering of upper stack.
- Electromagnetic locking mechanism to prevent unwanted lowering of upper stack.
- Limit switches to restrict the travel height by auto cutting off the motor.
- Remote switch box with Key / Pust button for easy operation.
- Emergency Shutdown switch.

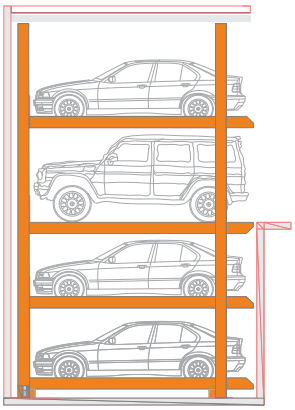
Requirements from Client:

- Parking area allotted must be cleared with no obstructions.
- Additional space to be provided for storning 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.
- 12 Amps 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 at least 4 Core x 2.5sq.mm. Flexible Copper multi Core cable (3PH+N+E) from Main Switch to Control Panel.
- Civil work as foundation for Cantilever parking system must be done at allotted area prior to installation as per our Foundation drawing.
- Foundation Concrete shall be of RCC and minimum M25 strength.
- 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.

FOUR LEVEL STACK WITH TWO PIT LEVEL (E4BS(-2)/BM(-2)/BB(-2))

This system offer parking for Four cars with two above the ground level and Two cars in the Pit. For removing the car parked on the first Pit level Ground level car must be removed and for removing the car in the second Pit level both cars above the ground to be removed.

Note: Maximum height of the pit level depends upon the clear height above the ground level.



Type	Four Level Stack with Two Pit Level
Models	E4BS(-2)/E4BM(-2)/E4BB(-2)
No. of car per unit	4 Cars
Lifting Capacity	2000 Kg (PER car weight)
Lifting Time	2 m/min (each stack)
Operation	Hydraulic Power Pack, Two Cylinders with Key/Pust button operation.
Power Supply	415V, 3 phase, 50Hz
Power Consumption	Up to 0.03 units per operation (approx)

Model	System Width (MM)	Platform Width (MM)	Platform Length (MM)	All Level Height (Max)	Lifting Mechanism	Car Category
E3BS	2300 X 4500	All Level 1900	MAX-4100	2100	Hydraulic	Small Cars
E3BM	2500 X5500	All Level 2100	MAX5100	2100	Hydraulic	Small Cars/ Mid Sized Sedans
E3BB	2800 X 5600	All Level 2300	MAX-5200	2100	Hydraulic	Mid Sized Sedans / Small Cars / Large Sedans/ SUVs

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

Standard Features:

- Four Platform per system.
- Colour scheme for the System will be provided as per the client's colour theme.
- Hot dipped Galvanized Corrugated floor plates to reduce dead weight and increase durability.
- Two sets of hydraulic cylinders will be provided.
- Chain support balancing and lifting mechanism.
- Compact Power pack system with enclosed motors and rubber bush fittings for reduced noise levels.
- Optional Photo sensor for the bottom car to prevent accidental lowering of upper stack.
- Electromagnetic locking mechanism to prevent unwanted lowering of upper stack.
- Limit switches to restrict the travel height by auto cutting off the motor.
- Remote switch box with Key / Pust button for easy operation.
- Emergency Shutdown switch.

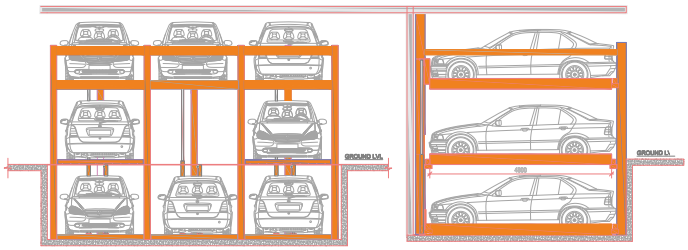
Requirements from Client:

- Parking area allotted must be cleared with no obstructions.
- Civil work in pit to be completed with appropriate drainage system provided to prevent wate 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 clent 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.
- 12amps 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 at least 5 Core x 2.5sq.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.

PUZZLE PARKING SYSTEM WITH PIT (EXPS(-Y)/PM(-Y)/PB(-Y))

This is an automated system in which no car needs to be removed for removing other car parked on the sysem thus making each platform independent of the other. This system can be spread horizontally for upto 10 columns and vertically for up to 10 levels and upto 3 levels in the pit. Number of slots that needs to be left empty = X-1 (where X is the number of levels).

Note: X is the number of levels in the system above ground and Y is the levels in the pit. Maximum usable length shall be total length minus 1400mm.



Type	Puzzle Parking with Pit
Models	EXPS(-Y) / EXPM(-Y) / EXPB(-Y)
No. of empty slots	Number of levels above ground minus 1 (X-1)
Lifting Capacity	2000 Kg (per car weight)
Lifting Time	1-2 minute per platform (variable)
Sliding Time	10 m/min per platform
Operation	Upto 5 level traction lifting, more than that Hydraulic Lifting, Lower Stack Sliding either side with motor chain mechanism. Integrated system with touch screen / keyboard operation.
Power Supply	415V, 3 phase, 50Hz
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 each level to make way for the upper platform.
- Hot dipped Galvanized Corrugated floor plates to reduce dead weight and increase durability.
- Geared motor with minimum safety factor of 2 with manual brake release.
- Motor-chain operated sliding mechanism.
- Single power pack per system to reduce cost in case of hydraulic puzzle.
- Complete system monitored by PLC for smooth and error free automation.
- Back up limit switches provided for each slot for duplex safety.
- Fabricated barriers provided on each platform to provide safety against unwanted lowering.
- Fully automatic integrated operation.
- Emergency Shutdown switch.
- Optional touch screen / numerical keyboard operation panel.

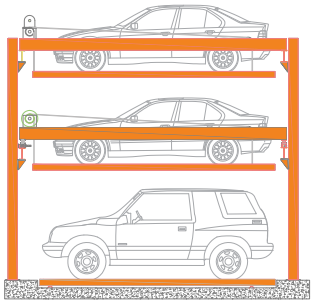
Requirements from Client:

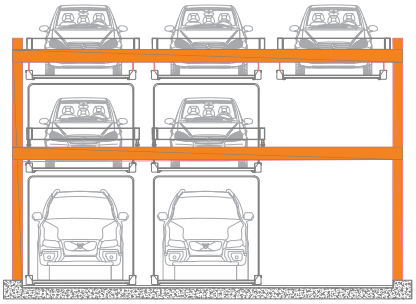
- Parking area allotted must be cleared with no obstructions.
- Civil work in pit to be completed with appropriate drainage system provided to prevent water accumulation causing rusting of the framing.
- Pit area to be provided with adequate lighting.
- During erection of the system client should provide 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.
- 30 Amps ELCB 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 at least 4 Core x 2.5sq.mm. Flexible Copper multi Core cable (3PH+N+E) from Main Switch to Control Panel.
- Civil work as foundation for Cantilever parking system must be done at allotted area prior to installation as per our Foundation drawing.
- 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.

PUZZLE PARKING SYSTEM WITH PIT (EXPS/PM/PB)

This is an automated system in which no car needs to be removed for removing other car parked on the sysem thus making each platform independent of the other. This system can be spread horizontally for upto 10 columns and vertically for up to 10 levels and upto 3 levels in the pit. Number of slots that needs to be left empty = X-1 (where X is the number of levels).

Note: X is the number of levels in the system. Maximum usable length shall be total length minus 1400mm.





Type	Multi Level Puzzle Parking
Models	EXPS / EXPM / EXPB
No. of empty slots	Total Number of levels minus one (X-1)
Lifting Capacity	2000 Kg (per car weight)
Lifting Time	1-2 minute per platform (variable)
Sliding Time	15-20 seconds per platform
Operation	Upto 5 level traction lifting, more than that Hydraulic Lifting, Lower Stack Sliding either side with motor chain mechanism. Integrated system with touch screen / keyboard operation.
Power Supply	415V, 3 phase, 50Hz
Power Consumption	Up to 0.05 units per stack lifting and 0.01 units per sliding operation (approx)

Standard Features:

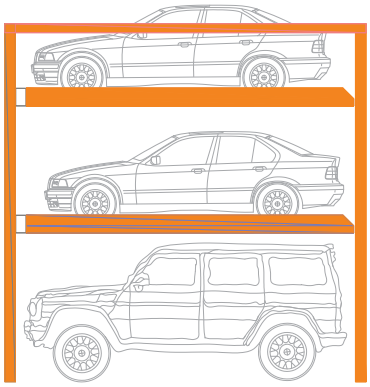
- Fast and automatic retrieval of cars from the parking space without removing any cars parked on the ground level of the system.
- One slot left empty at each level to make way for the upper platform.
- Hot dipped Galvanized Corrugated floor plates to reduce dead weight and increase durability.
- Geared motor with minimum safety factor of 2 with manual brake release.
- Motor-chain operated sliding mechanism.
- Single power pack per system to reduce cost in case of hydraulic puzzle.
- Complete system monitored by PLC for smooth and error free automation.
- Back up limit switches provided for each slot for duplex safety.
- Fabricated barriers provided on each platform to provide safety against unwanted lowering.
- Fully automatic integrated operation.
- Emergency Shutdown switch.
- Optional touch screen / numerical keyboard operation panel.

Requirements from Client:

- Parking area allotted must be cleared with no obstructions.
- 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) as per our specifications.
- Civil work as foundation for parking system must be done at stock parking allotted area prior to installation as per our foundation plan submitted by us.
- 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.

THREE LEVEL SIMPLE STACKER (E3SS/SM/SB)

This 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; similerly the ground and first level cars will need to be removed before lowering the second level platform.



Type	Three Level above ground stacker
Models	E3SS/E3SM/E3SB
No. of car per unit	3 Cars
Lifting Capacity	2000 Kg (PER car weight)
Lifting Time	2 m/min (each stack)
Operation	Hydraulic Power Pack, One/Two Cylinders with Key/Pust button operation
Power Supply	415V, 3 phase, 50Hz
Power Consumption	Up to 0.04 units per stack operation (approx)

Model	System Width (MM)	Platform Width (MM)	Platform Length (MM)	Lower Car Height (Max)	Lifting Mechanism	Car Category
E3SS	2300 X 4500	Level 2 - 1700 Level 1 - 1900 Gr. Level - 2000	Level 2 - 3700 Level 1 - 4000	2100	Hydraulic/ Motorized	Small Cars
E3SM	2500 X5500	Level 2 - 1900 Level 1 - 2100 Gr. Level - 2200	Level 2 - 4000 Level 1 - 4500	2100	Hydraulic/ Motorized	Small Cars/ Mid Sized Sedans
E3SB	2800 X 5600	Level 2 - 1700 Level 1 - 2200 Gr. Level - 2400	Level 2 - 4000 Level 1 - 4500	2100	Hydraulic/ Motorized	Mid Sized Sedans / Small Cars / Large Sedans/ SUVs

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

Standard Features:

- Two Platform per system.
- Colour scheme for the System will be provided as per the client's colour theme.
- Hot dipped Galvanized Corrugated floor plates to reduce dead weight and increase durability.
- Chain support balancing and lifting mechanism.
- Compact Power pack system with enclosed motors and rubber bush fittings for reduced noise levels.
- Optional Photo sensor for the bottom car to prevent accidental lowering of upper stack.
- Electromagnetic locking mechanism to prevent unwanted lowering of upper stack.
- Limit switches to restrict the travel height by auto cutting off the motor.
- Remote switch box with Key / Pust button for easy operation.
- Emergency Shutdown switch.

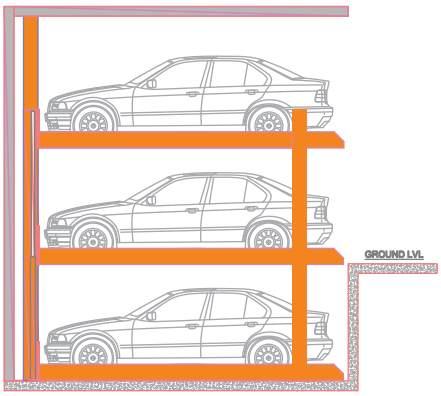
Requirements from Client:

- Parking area allotted must be cleared with no obstructions.
- Additional space to be provided for storning 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 clent 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.
- 12 Amps 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 at least 4 Core x 2.5sq.mm. Flexible Copper multi Core cable (3PH+N+E) from Main Switch to Control Panel.
- Civil work in pit to be completed with appropriate drainage system provided to prevent wate accumulation.
- 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.

THREE LEVEL STACK WITH ONE PIT LEVEL (E3BS/BM/BB)

This system offer parking for three cars one on the ground level, one level above ground and one car in the pit. For removing the car parked on the first level or the pit level. Ground level car must be removed.

Note: Maximum height of the pit level depends upon the clear height above the ground level.



Type	Three Level above ground stacker
Models	E3BS/E3BM/E3BB
No. of car per unit	3 Cars
Lifting Capacity	2000 Kg (PER car weight)
Lifting Time	2 m/min (each stack)
Operation	Hydraulic Power Pack, One/Two Cylinders with Key/Pust button operation
Power Supply	415V, 3 phase, 50Hz
Power Consumption	Up to 0.03 units per stack operation (approx)

Model	System Width (MM)	Platform Width (MM)	Platform Length (MM)	Lower Car Height (Max)	Lifting Mechanism	Car Category
E3BS	2300 X 4500	All Level 2000	Max - 4100	All Level 2100	Hydraulic	Small Cars
E3BM	2500 X5500	All Level 2200	Max - 5100	All Level 2100	Hydraulic	Small Cars/ Mid Sized Sedans
E3BB	2700 X 5500	All Level 2400	Max 5200	All Level 2100	Hydraulic	Mid Sized Sedans / Small Cars / Large Sedans/ SUVs

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

Standard Features:

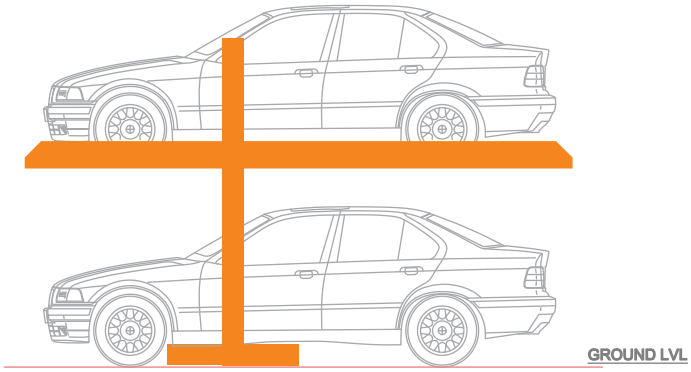
- Three Platform per system.
- Colour scheme for the System will be provided as per the client's colour theme.
- Hot dipped Galvanized Corrugated floor plates to reduce dead weight and increase durability.
- Two sets of hydraulic cylinders will be provided.
- Chain support balancing and lifting mechanism.
- Compact Power pack system with enclosed motors and rubber bush fittings for reduced noise levels.
- Optional Photo sensor for the middle car to prevent accidental lowering of upper stack or lifting of the lower stack.
- Electromagnetic locking mechanism to prevent unwanted lowering of upper stack.
- Limit switches to restrict the travel height by auto cutting off the motor.
- Remote switch box with Key / Pust button for easy operation.
- Emergency Shutdown switch.

Requirements 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.
- 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 storning 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.
- 12amps 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 at least 5 Core x 2.5sq.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.

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 platform. The car on the ground level will need to be removed for lowering and removing the car parked on the platform.



Type	Two level single stacker
Models	E2SS/E2SM/E2SB
No. of car per unit	2 Cars
Lifting Capacity	2000 Kg (PER car weight)
Lifting Time	2 m/min (each stack)
Operation	Hydraulic Power Pack, One cylinder with Key/Pust button operation
Power Supply	415V, 3 phase, 50Hz
Power Consumption	Up to 0.03 units per stack operation (approx)

Model	System Width (MM)	Platform Width (MM)	Platform Length (MM)	Lower Car Height (Max)	Lifting Mechanism	Car Category
E2SS	2300	2000	4000	2100	Hydraulic	Small Cars
E2SM	2500	2200	4000	2100	Hydraulic	Mid Sized Sedans
E2SB	2700	2400	4500	2100	Hydraulic	Large Sedans/ SUVs

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.
- Colour scheme for the System will be provided as per the client's colour theme.
- Compact Power pack system with enclosed motors and rubber bush fittings for reduced noise levels.
- Optional Photo sensor for the bottom car to prevent accidental lowering of upper stack.
- Electromagnetic locking mechanism to prevent unwanted lowering of upper stack.
- Limit switches to restrict the travel height by auto cutting off the motor.
- Remote switch box with Key / Pust button for easy operation.
- Emergency Shutdown switch.

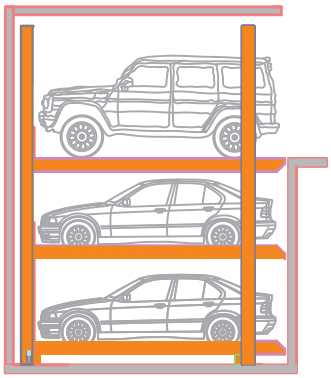
Requirements from Client:

- Parking area allotted must be cleared with no obstructions.
- During 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 storning and installing the Power Pack System.
- Temporary Electrical connection must be provided at the time of erection and installation of the systems.
- 12 Amps ELCB 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 at least 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 Cantilever parking system must be done at allotted area prior to installation as per our Foundation drawing.
- 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.

THREE LEVEL STACK WITH TWO PIT LEVEL (E3BS(-2)/BM(-2)BB(-2)

This system offer parking for three cars with one on the ground level and two cars in the pit. For removing the car parked on the first pit level ground level car must be removed and for removing the car in the second pit level all cars above to be removed.

Note: Maximum height of the pit level depends upon the clear height above the ground level.



Type	Three level stack with two pit level
Models	E3BS(-2)/E3BM(-2)/E3BB(-2)
No. of car per unit	3 Cars
Lifting Capacity	2000 Kg (PER car weight)
Lifting Time	2 m/min (each stack)
Operation	Hydraulic Power Pack, Two cylinders with Key/Pust button operation
Power Supply	415V, 3 phase, 50Hz
Power Consumption	Up to 0.03 units per stack operation (approx)

Model	System Width (MM)	Platform Width (MM)	Platform Length (MM)	Lower Car Height (Max)	Lifting Mechanism	Car Category
E3BS	2300 X 4500	All Level 2000	Max - 4100	All Level 2100	Hydraulic	Small Cars
E3BM	2500 X5500	All Level 2200	Max - 5100	All Level 2100	Hydraulic	Small Cars/ Mid Sized Sedans
E3BB	2700 X 5500	All Level 2400	Max 5200	All Level 2100	Hydraulic	Mid Sized Sedans / Small Cars / Large Sedans/ SUVs

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

Standard Features:

- Four Platform per system.
- Colour scheme for the System will be provided as per the client's colour theme.
- Hot dipped Galvanized Corrugated floor plates to reduce dead weight and increase durability.
- Two sets of hydraulic cylinders will be provided.
- Chain support balancing and lifting mechanism.
- Compact Power pack system with enclosed motors and rubber bush fittings for reduced noise levels.
- Optional Photo sensor for the bottom car to prevent accidental lowering of upper stack.
- Electromagnetic locking mechanism to prevent unwanted lowering of upper stack.
- Limit switches to restrict the travel height by auto cutting off the motor.
- Remote switch box with Key / Pust button for easy operation.
- Emergency Shutdown switch.

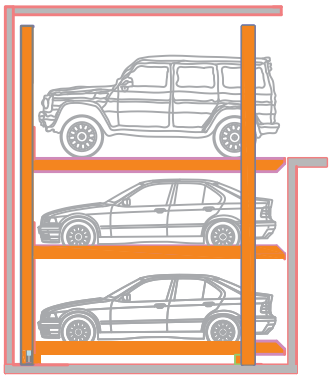
Requirements from Client:

- 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.
- 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.
- 12 amps 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 at least 5 Core x 2.5sq.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.

THREE LEVEL STACK WITH TWO PIT LEVEL (E3BS(-2)/BM(-2)BB(-2)

This system offer parking for three cars with one on the ground level and two cars in the pit. For removing the car parked on the first pit level ground level car must be removed and for removing the car in the second pit level all cars above to be removed.

Note: Maximum height of the pit level depends upon the clear height above the ground level.



Type	Three level stack with two pit level
Models	E3BS(-2)/E3BM(-2)/E3BB(-2)
No. of car per unit	3 Cars
Lifting Capacity	2000 Kg (PER car weight)
Lifting Time	2 m/min (each stack)
Operation	Hydraulic Power Pack, Two cylinders with Key/Pust button operation
Power Supply	415V, 3 phase, 50Hz
Power Consumption	Up to 0.03 units per stack operation (approx)

Model	System Width (MM)	Platform Width (MM)	Platform Length (MM)	Lower Car Height (Max)	Lifting Mechanism	Car Category
E3BS	2300 X 4500	All Level 2000	Max - 4100	All Level 2100	Hydraulic	Small Cars
E3BM	2500 X5500	All Level 2200	Max - 5100	All Level 2100	Hydraulic	Small Cars/ Mid Sized Sedans
E3BB	2700 X 5500	All Level 2400	Max 5200	All Level 2100	Hydraulic	Mid Sized Sedans / Small Cars / Large Sedans/ SUVs

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

Standard Features:

- Four Platform per system.
- Colour scheme for the System will be provided as per the client's colour theme.
- Hot dipped Galvanized Corrugated floor plates to reduce dead weight and increase durability.
- Two sets of hydraulic cylinders will be provided.
- Chain support balancing and lifting mechanism.
- Compact Power pack system with enclosed motors and rubber bush fittings for reduced noise levels.
- Optional Photo sensor for the bottom car to prevent accidental lowering of upper stack.
- Electromagnetic locking mechanism to prevent unwanted lowering of upper stack.
- Limit switches to restrict the travel height by auto cutting off the motor.
- Remote switch box with Key / Pust button for easy operation.
- Emergency Shutdown switch.

Requirements 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.
- 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.
- 12 amps 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 at least 5 Core x 2.5sq.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.