

LIFT AND SLIDE SEMI-AUTOMATED SYSTEM TECHNICAL SPECIFICATIONS



- The Lift and Slide system is semi-automated.
- Accommodates less than 200 cars.
- Can be built with 2 levels below entry level and up to 6 levels above grade. Tandem configurations can also be implemented.
- Cars are lifted up by chains and moved laterally by a superior motor driven system.
- Can be built indoors or outdoors as per the site requirements.
- The system is a free-standing steel structure design; is connected to the foundation with anchor bolts and has no connection to the building columns.
- Useful in developments where minimal height is available in the entry level.
- Works with retrofits and requires minimal modifications.
- Can be equipped with electric vehicle charging stations.
- Built-in safety systems in the lift and access areas.
- Average retrieval times range from 30-50 seconds.
- Car sizes vary from 5.0 meters (16.4 feet) to a maximum of 5.8 meters (19 feet).
- Car weights may vary up to a maximum of 2500 kg (5500 lbs.)
- Car widths may vary from 1.8 meters (5.9 feet) to a maximum of 2.0 meters (6.56 feet).

Some layout examples:





