

DATA SHEET

Version 2022.07

PARKPLUS SP100 SUSPENDED PLATFORM

The **PARKPLUS SP100** Suspended Platform is a 2-level vehicle lift for storing cars vertically. The **SP100** lifts vehicles on suspended platforms supported by framework and building integration, providing a column-free area for additional spaces below.

Entire assembly comes pre-welded and is assembled in the field. Platforms may be installed as single, 2 and 3-wide modules in multiple arrays. Platform is designed to be suspended from a structural framework that can be supported from the floor or ceiling and integrated with building structure. Approved foundation system and attachment details may be required for installation of stackers.

The **PARKPLUS SP100** Suspended Platform is designed to be installed indoors and outdoors. Each city may have minimum height requirements and different clear requirements for code required parking. Owner/Architect should review with local planning and building departments. **MEP coordination with project team must meet code requirements and satisfy equipment clearances.**

Suitable for

- Standard passenger vehicles
- SUVs

Specifications

Load per Platform:	6,000 lbs.
Weight of Unit:	(Determined by model)
Length of Stall:	Customizable
Width of Stall:	Customizable
Height of Unit:	(Determined by model)
Operation:	Electric
Control:	Push Button Control

Power

Lift Motor: 3HP-5HP

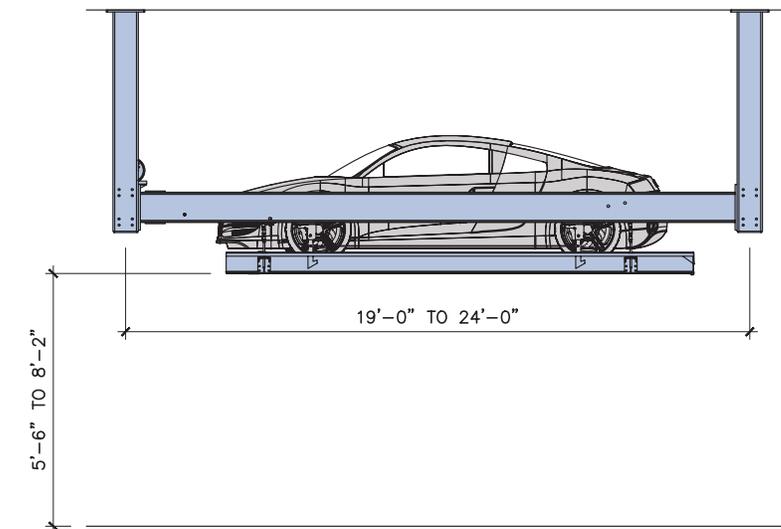
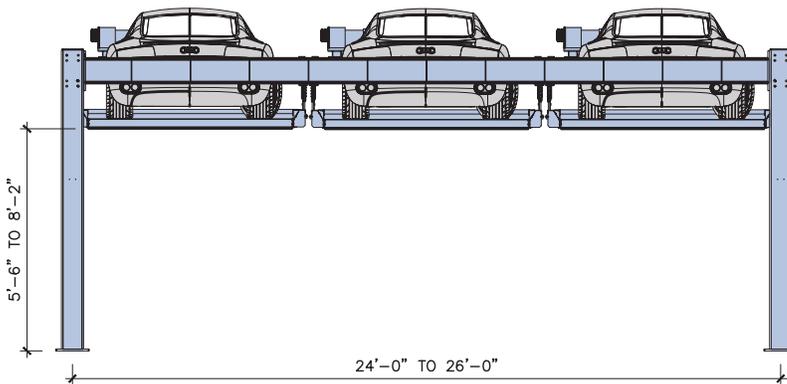
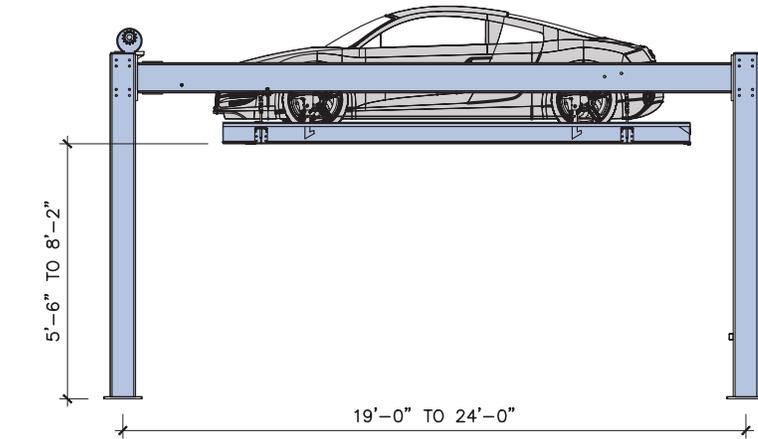
Electrical

1 Disconnect required per system grouping
3 PH 208V / 20Amp
All control wiring is a Class 2 Circuit 24V

Applications

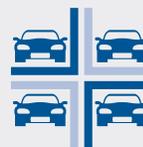
SP100 Suspended Platform can be installed in attended/valet and self-park applications:

- **Single & Multi-Family Residential Buildings**
- **Indoor & Outdoor Installations**
- **Low & High Rise Buildings**
- **Commercial Buildings**
- **Surface Lots**



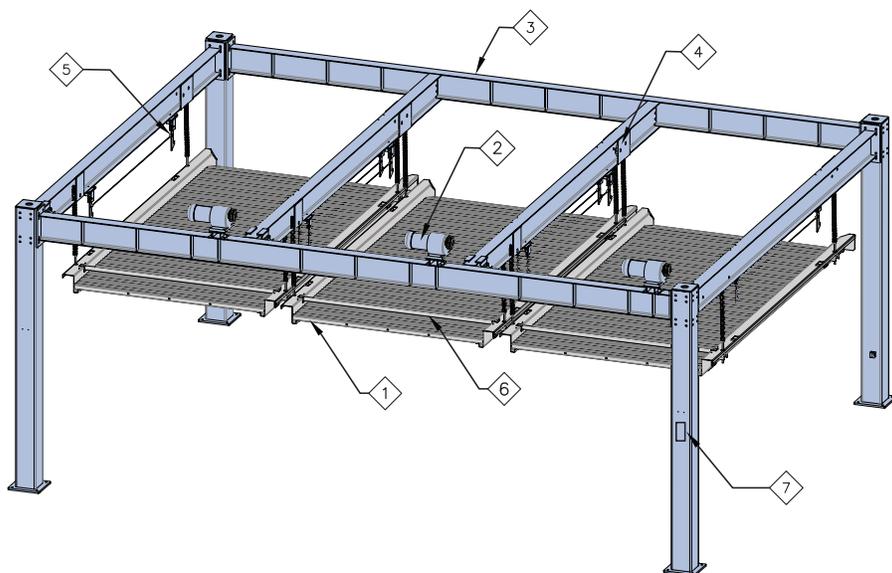
SP100 Suspended Platform can be ceiling-hung or integrated into building structure.

- In-house Design, Manufacturing, Installation & Service
- Minimal Moving Parts – *Reduced Maintenance*
- Galvanized, Commercial-Grade Machines
- Can Be Suspended From Ceiling



PARKPLUS
HIGH DENSITY PARKING SYSTEMS

PARKPLUS SP100 Suspended Platform Parking System | Data Sheet V2022.07



Components

- 1 PLATFORM ASSEMBLY
- 2 MOTOR
- 3 STRUCTURAL FRAME
- 4 LIFTING BEAM ASSEMBLY
- 5 SAFETY LOCKS ASSEMBLY
- 6 WHEEL STOP
- 7 PUSH BUTTON CONTROLS

Layout

PARKPLUS SP100 Suspended Platform can be arranged in single or tandem arrays on either side of a drive aisle or suspended over a drive aisle. System is available in 1, 2 and 3-wide modules.

ADDITIONAL INFORMATION

Safety

Device is equipped with safety locking system and individual keyed controller for extra safety.

Self-attended applications may require additional sensors to detect objects located under platform or entering area below platform.

Fire Protection

In most metropolitan areas, car stackers are reviewed as similar to high piled storage and non-building structures. Fire rating of structural components is not required. Sprinklers may be required per following section. Each city may have fire department guidelines.

Fire Sprinklers

Outdoor: 1. Most cities do not require fire sprinklers. 2. May need to conform to additional zoning regulations and building code requirements.

Indoor: 1. Installation shall be in a sprinklered garage. In tandem array, additional sprinkler requirements may apply. 2. Sprinkler Plans filed and approved by local municipality. 3. Sprinkler system designed as required by NFPA 13 and local building codes. 4. Clear building height within parking area must accommodate height of equipment plus additional requirements for adequate coverage of fire sprinklers.

Temperature

Device is designed to operate between 20° and 120° F.

Loading

Structural design and loading is provided on a project by project basis and is dependant on seismic zones, soil conditions and other environmental conditions.

Warranty

12-month Standard Manufacturer's Warranty on new equipment.

Service

At end of 12-month warranty period a service contract is available upon request.

Rental option may include Service & Maintenance for full term.

Approvals

- MEA/OTCR Certified, City of New York
- LAETL Approved, LARR# Pending, City of Los Angeles
- California Seismic Code Compliant
- Miami Dade County Compliant
- Approved in Multiple U.S. Cities



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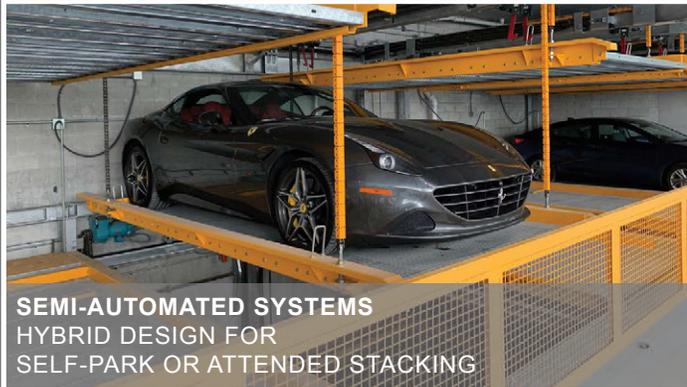
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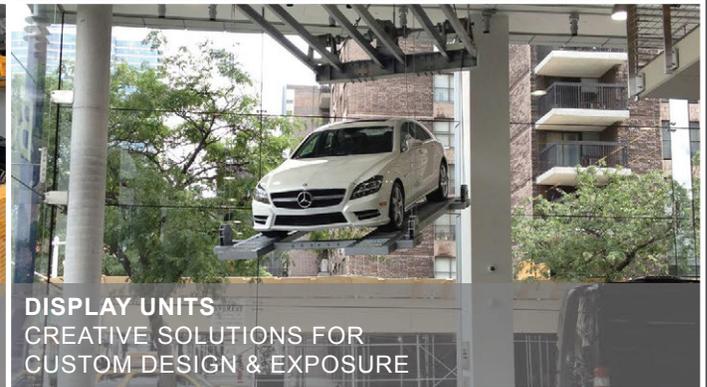
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