

PARKPLUS
HIGH DENSITY VEHICLE STORAGE

DP003

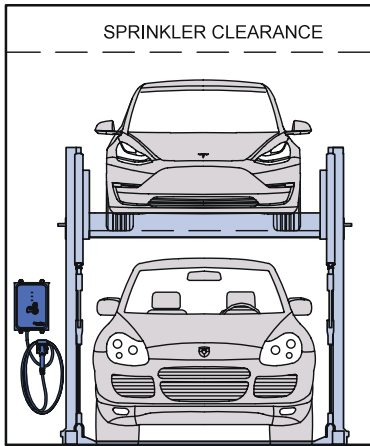
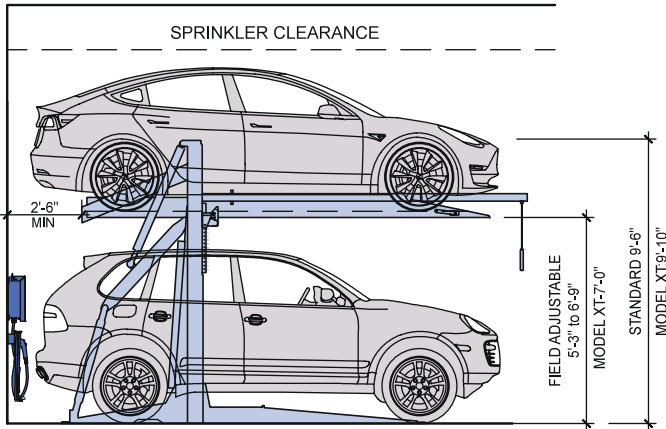
DOUBLE STACKER

2 Level Parking System



SPEC SHEET

PARKPLUS DP003 DOUBLE STACKER



Clearance

S = Standard/SUV
C = Compact/Sedan

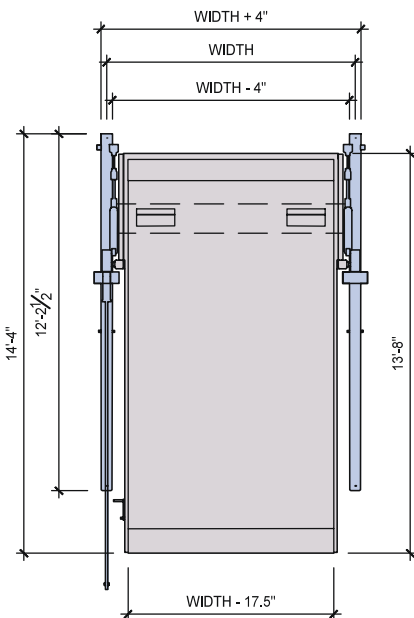
MODEL	HEIGHT
C/C	10'-6"
C/S	12'-2"
S/S	14'-0"
S/S*	14'-6"

*LA City requirement

Width

MODEL	WIDTH
W01	7'-11"
W02	8'-3"
W03	8'-6"
W04	9'-0"
W05	Custom

WIDTH = Center of Leg to Center of Leg



The **PARKPLUS DP003** Double Stacker is a hydraulic 2-post, 2-level cantilevered vehicle lift for parking cars one above another. The **DP003** raises and locks a platform in place so that a second vehicle can be parked at grade.

Entire assembly comes pre-welded and is assembled in the field. Stackers may be installed as single units or in arrays with shared common legs. Stacker is designed to be mounted on grade, concrete or asphalt. Approved foundation system may be required for installation of stackers.

The **PARKPLUS DP003** Double Stacker is designed to be installed indoors and outdoors. Platform height is field adjustable in 1 1/2" increments. 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:	+/- 3,050 lbs.
Length of Platform:	13'-6"
Length incl. Overhang:	16'-6"
Width of Unit:	7'-11" to 9'-0"
Height of Unit:	9'-6" to 9'-10"
Operation:	Hydraulic
Control:	Push Button Pendant

*Custom Height and Width Available

Power Pack

Hydraulic Power System (HPS)

HPS1:	1-2 units (208-230V / 1 PH / 60 HZ / 2-3 HP / 18 FLA)
HPS-1P10:	1-30 units (208-230V / 1 PH / 60 HZ / 10 HP / 40 FLA)
HPS-3P10:	1-30 units (208-230V / 3 PH / 60 HZ / 10 HP / 28.4 FLA)

Electrical

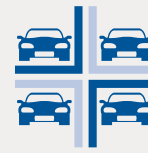
1 Disconnect required per HPS
3 PH 208-230V / 40Amp
1 PH 208-230V / 60Amp
All control wiring is a Class 2 Circuit 24V

Applications

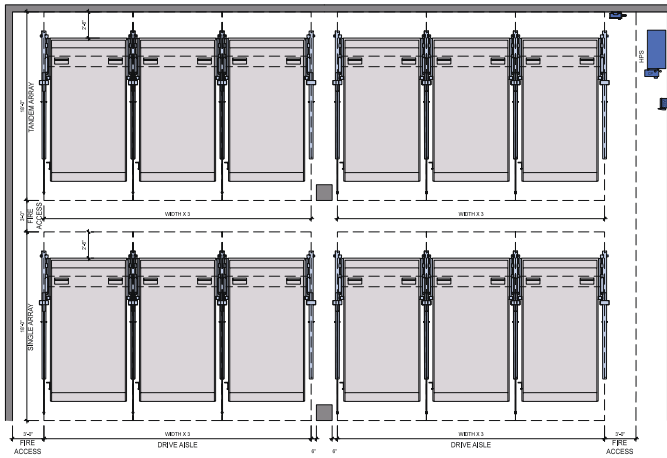
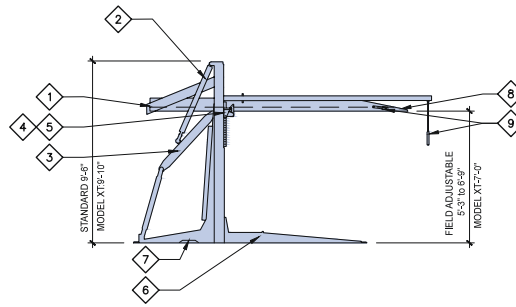
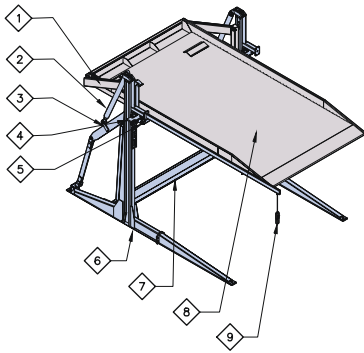
DP003 Double Stacker can be installed in attended/valet and self-park applications:

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

- In-house Design, Manufacturing, Installation & Service
- Minimal Moving Parts – *Reduced Maintenance*
- Galvanized, Commercial-Grade Machines
- Premium Quality Hydraulic Cylinders



PARKPLUS
HIGH DENSITY VEHICLE STORAGE



Components

- 1 CRADLE FRAME ASSEMBLY
- 2 HYDRAULIC CYLINDER
- 3 PARALLEL ARM ASSEMBLY
- 4 ADJUSTABLE HEIGHT ASSEMBLY
- 5 SAFETY LOCKS ASSEMBLY
- 6 END LEG ASSEMBLY
- 7 SEISMIC BEAM ASSEMBLY
- 8 PLATFORM ASSEMBLY
- 9 PUSH BUTTON CONTROLS

Layout

PARKPLUS DP003 Double Stacker can be arranged in single or tandem arrays on either side of a drive aisle. Queuing space of at least 2 vehicles must be provided to allow for shuffling of cars. Queuing space may be in drive aisle. For commercial projects, during peak traffic, all platforms will be lowered for quick filling of stackers. Surface space to be provided for code-required Accessible Parking.

ADDITIONAL INFORMATION

Safety

Device is equipped with safety locking system. 'Posi-lock' double suspension system holds full weight of vehicle on platform in locked position. Device can be equipped with individual keyed controller for extra safety. Self-attended applications may require additional sensors to detect objects located under platform or entering the 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. 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. For below freezing environments, hydraulic heaters for Power Packs are recommended.

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.
Equipment Lifespan: Indoor = 7,500 cycles; Outdoor = 5,000 cycles.

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

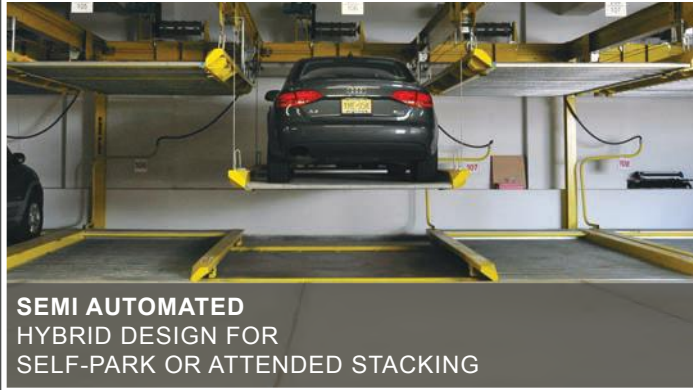
- MEA/OTCR Certified, City of New York
- LAETL Approved, LARR#930501, City of Los Angeles
- California Seismic Code Compliant
- Miami Dade County Compliant
- Approved in Multiple U.S. Cities



MECHANICAL
ATTENDED SYSTEMS
FOR BASIC STACKING



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ADVANCED TECHNOLOGIES FOR
ROBOTIC PARKING SOLUTIONS



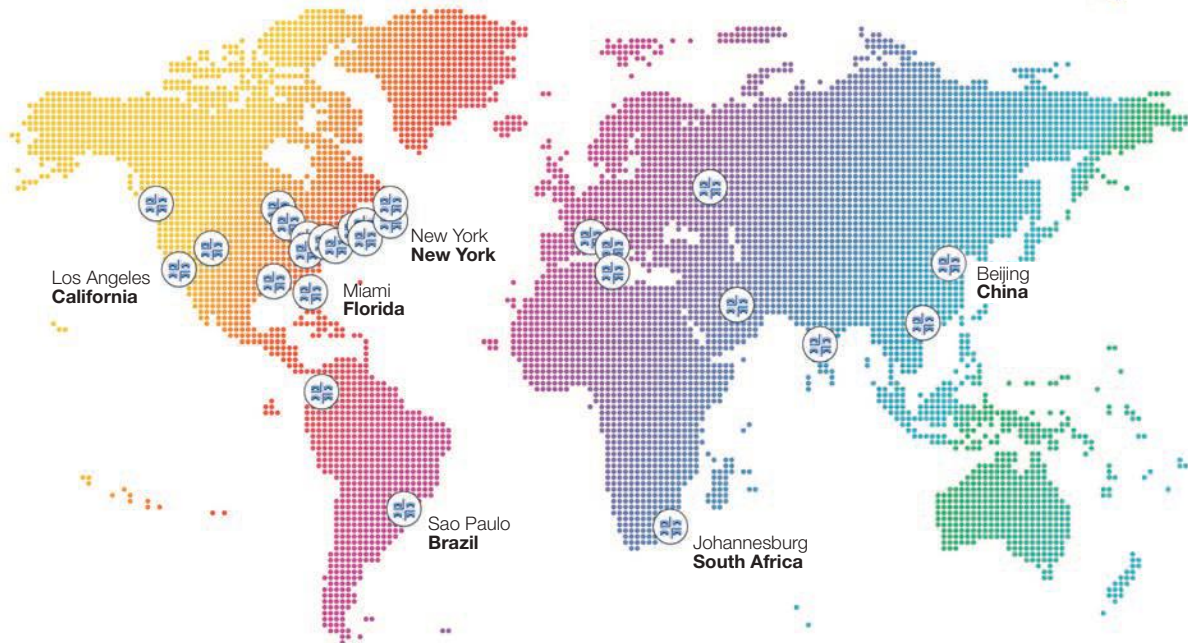
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SELF-PARK OR ATTENDED STACKING



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PARKPLUS, INC. HEAD OFFICE
83 BROAD AVENUE, SUITE 2
FAIRVIEW, NJ 07022

PARKPLUS CALIFORNIA
8640 TAMARACK AVENUE
LOS ANGELES, CA 91352

PARKPLUS FLORIDA, INC.
1111 OLD GRIFFIN ROAD
DANIA BEACH, FL 33004