

Clearance	
Model	Height
C/C/C	22'-6"
S/S/S	25'-0"
S/S/S*	27'-0"

C = Compact/Sedan
S = Standard/SUV
* LA City requirement

Width	
Model	Width
W01	8'-6"
W02*	8'-10"
W03	Custom

WIDTH =
Center of Leg to Center of Leg
* LA City requirement

The **PARKPLUS TP500** Triple Stacker is a 4-post, 3-level vehicle lift for parking cars one above another. The **TP500** raises and locks two platforms in place allowing a third vehicle to 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 with an engineered foundation. Stacker may be installed indoors provided floor is certified to support the weight.

The **PARKPLUS TP500** Triple Stacker is designed to be installed both indoors and outdoors. Platform height is set at fixed height per project specification between 5'-6" min. and 7'-0" max. 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
- Custom solutions for vans, RVs and boats

Specifications

Load per Platform:	6,000 lbs.
Weight of Unit:	+/- 9,000 lbs.
Length of Platform:	15'-0"
Length incl. Overhang:	16'-6" to 18'-0"
Width of Unit:	8'-6" to 8'-10"
Height of Unit:	21'-11" to 25'-7"
Operation:	Hydraulic
Control:	Push Button Control

*Custom height and width available

Power Pack

Hydraulic Power System (HPS)

HPS-3P15: 1-12 units
(208-230V / 3 PH / 60 HZ / 15 HP / 48 FLA)

Electrical

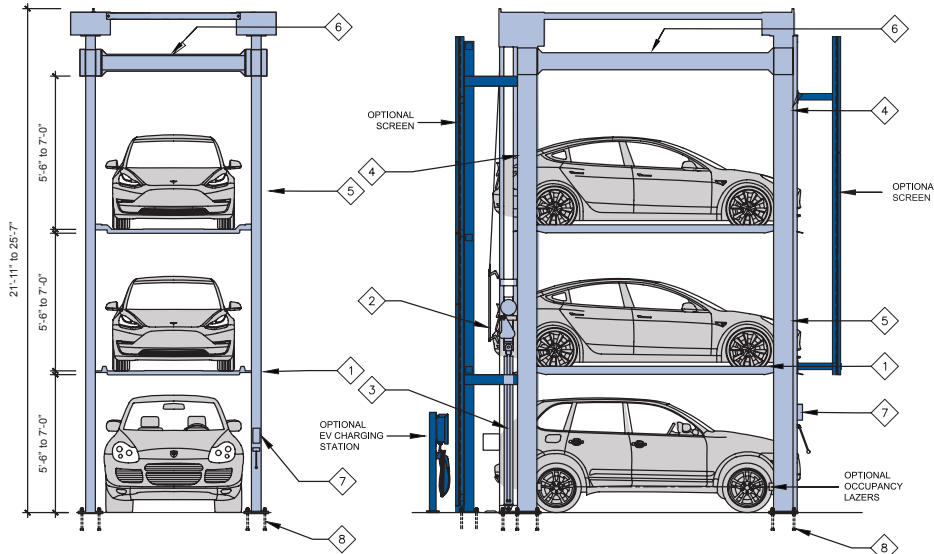
1 Disconnect required per HPS
3 PH 208-230V / 60Amp
All control wiring is a Class 2 Circuit 24V

Layout

PARKPLUS TP500 Triple 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.



- ◇ IN-HOUSE DESIGN, MANUFACTURING, INSTALLATION & SERVICE
- ◇ GALVANIZED PLATFORMS, COMMERCIAL-GRADE MACHINES
- ◇ MINIMAL MOVING PARTS – REDUCED MAINTENANCE
- ◇ PREMIUM QUALITY HYDRAULIC CYLINDERS



Components

- 1 Platforms
- 2 Locking Mechanism
- 3 Hydraulic Cylinder
- 4 Rear Leg Assembly
- 5 Front Leg Assembly
- 6 Seismic Moment Frame*
- 7 Push Button Controls
- 8 Embedded Anchor Bolts

* Required in seismic zones

Applications

PARKPLUS TP500 Triple Stacker can be installed in attended/valet applications:

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

ADDITIONAL INFORMATION

Safety

Device is equipped with safety locking system. The safety hook system holds full weight of vehicle on platform in locked position. Device is equipped with a secondary (anti-fall) safety system. 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. Sprinklers may be required per following section. Each city may have different 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

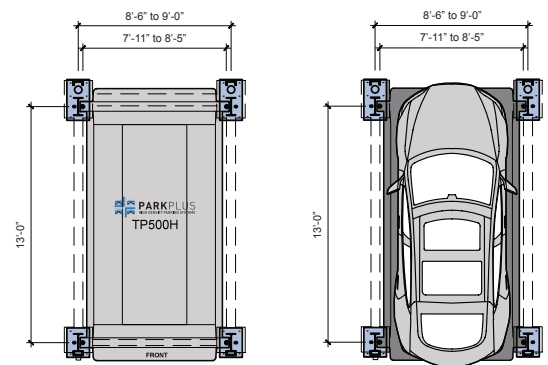
12-month Standard Manufacturer's Warranty on new equipment.
Equipment Lifespan: Indoor = 7,500 cycles; Outdoor = 5,000 cycles.

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#930532, City of Los Angeles
- California Seismic Code Compliant
- Miami Dade County Compliant
- Approved in multiple U.S. Cities



TURNKEY PROJECT SOLUTIONS

PARKPLUS is the leading provider of high density parking systems, with the most completed projects, and the most extensive product range, in the United States. **PARKPLUS** was established over 50 years ago, our experience is based on a multitude of projects spanning over half a century.

To ensure the highest quality in our parking solutions, **PARKPLUS** provides complete service across every project. We employ professional full-time staff dedicated to **Design & Engineering**, **Assembly & Installations**, **Procurement & Manufacturing**, and **Service & Support**.

HIGH DENSITY PARKING SYSTEMS



Automated Systems

Advanced technologies for robotic parking solutions

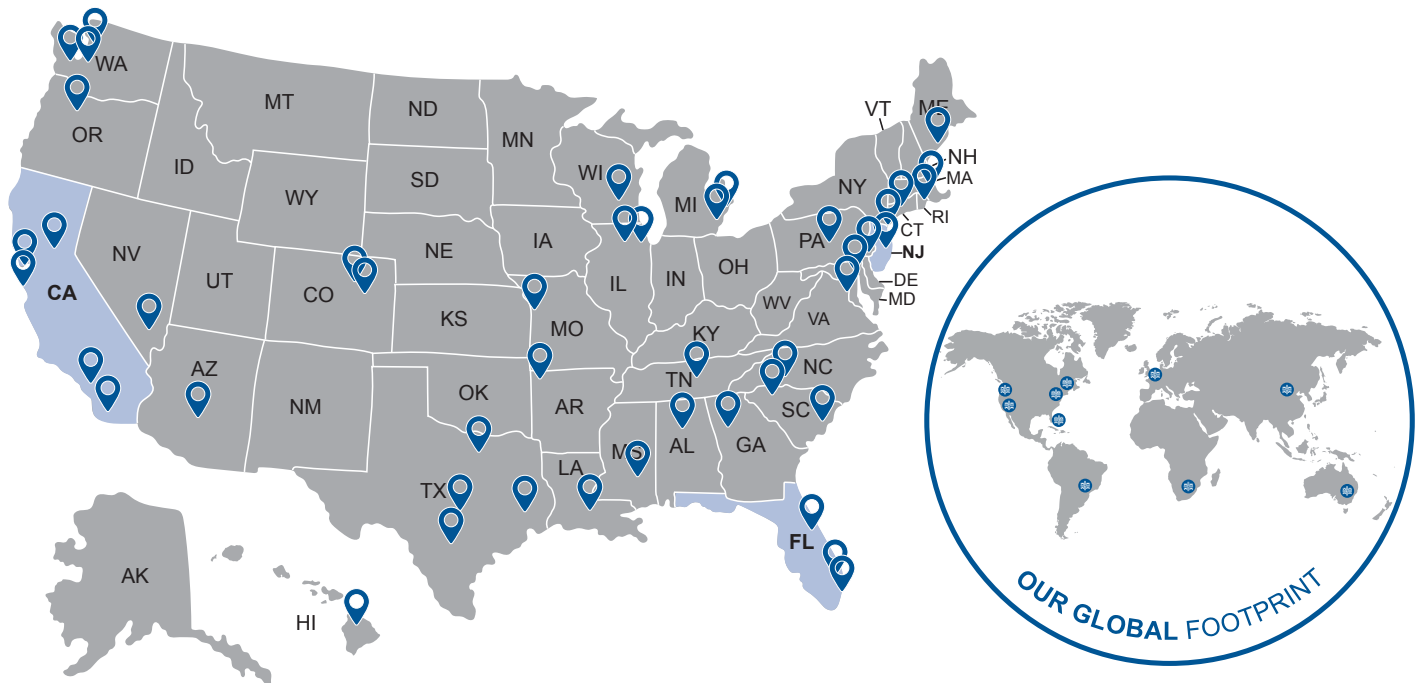
Mechanical Stackers

Attended systems for multi-level basic stacking

Custom Solutions

Creative solutions for custom design & exposure

OUR USA PROJECT FOOTPRINT



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