

HIGH DENSITY PARKING SYSTEMS FOR 50 YEARS



**MECHANICAL STACKERS**  
ATTENDED SYSTEMS FOR  
MULTI-LEVEL BASIC STACKING



**AUTOMATED SYSTEMS**  
ADVANCED TECHNOLOGIES FOR  
ROBOTIC PARKING SOLUTIONS



**SEMI-AUTOMATED SYSTEMS**  
HYBRID DESIGN FOR  
SELF-PARK OR ATTENDED STACKING



**DISPLAY UNITS**  
CREATIVE SOLUTIONS FOR  
CUSTOM DESIGN & EXPOSURE



# MS2-300

## PIT PARKING SYSTEM

[PARKPLUSINC.COM](http://PARKPLUSINC.COM)

[INFO@PARKPLUSINC.COM](mailto:INFO@PARKPLUSINC.COM)

### OUR GLOBAL FOOTPRINT



CALL US: **8-444-PARKPLUS**



**PARKPLUS, INC. HEADQUARTERS**  
83 BROAD AVENUE, SUITE 2  
FAIRVIEW, NJ 07022

**PARKPLUS CALIFORNIA**  
8640 TAMARACK AVENUE  
LOS ANGELES, CA 91352  
CSLB# 1018794

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

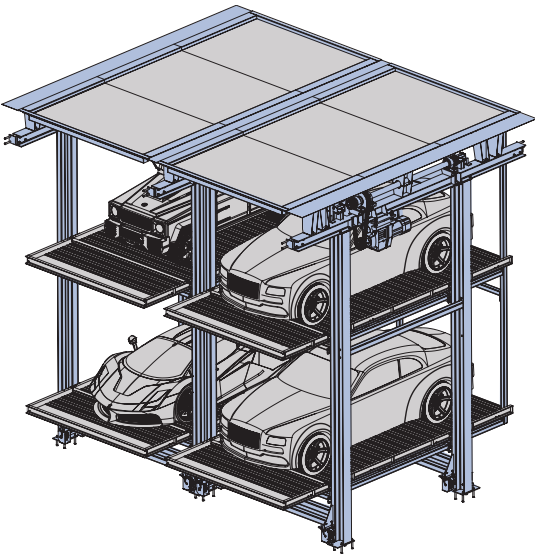
© 2019 PARKPLUS, Inc. PARKPLUS reserves the right to change this specification without further notice.



SPEC SHEET

PARKPLUS MS2-300  
PIT PARKING SYSTEM

- In-house Design, Manufacturing, Installation & Service
- Minimal Moving Parts – *Reduced Maintenance*
- Painted/Galvanized Platforms, Commercial-Grade Machines
- 4-Post and Scissor Lift Options



The **PARKPLUS MS** Pit Parking System is an in-ground multi-level stacker for storing cars below grade. The **MS** system lowers vehicles on fixed platforms into a concealed vault, so that additional cars can be parked above.

Entire assembly comes pre-welded and is assembled in the field. Pit System is available in 1-level deep (**MS200**) and 2-level deep (**MS300**) models.

The **PARKPLUS MS** Pit System 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–15HP

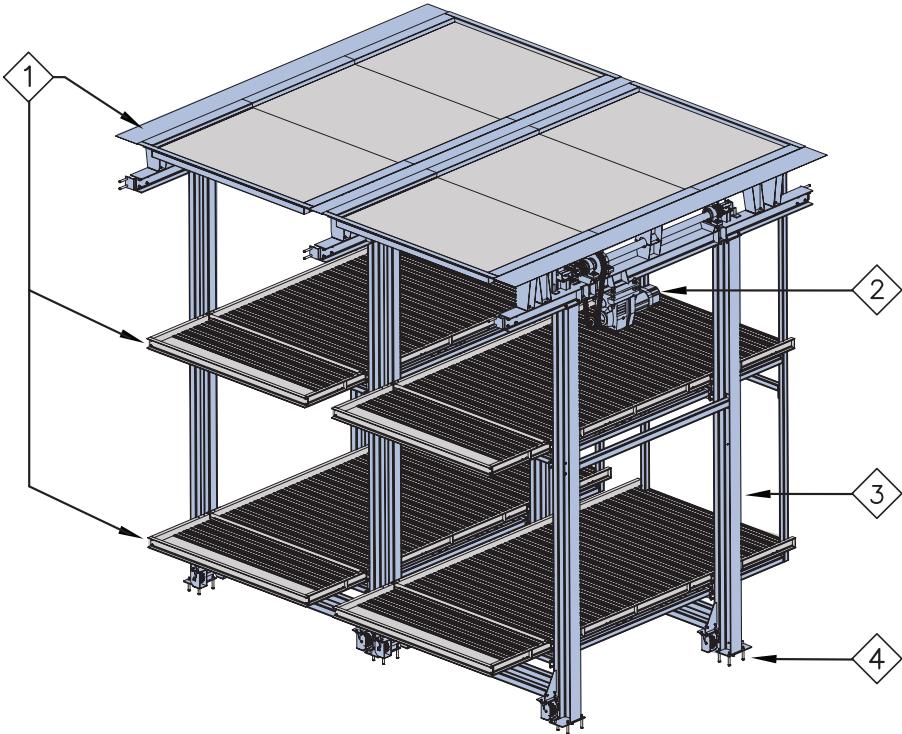
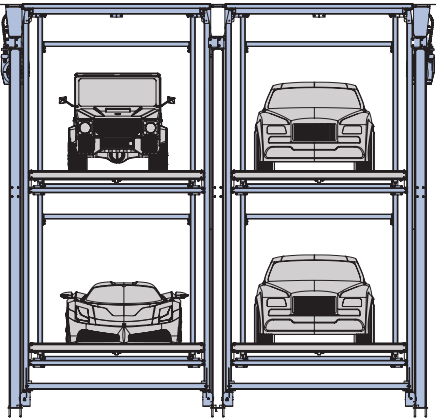
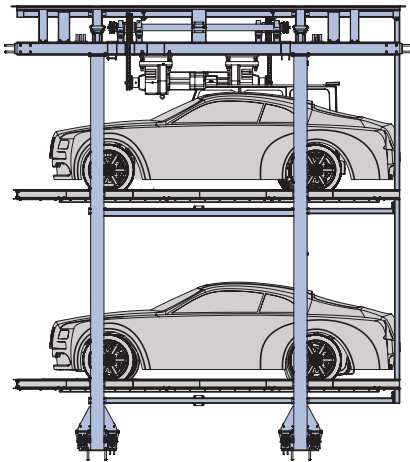
Electrical

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

Applications

**MS** Pit System can be installed in attended/valet and self-park applications:

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



Components

- 1 PLATFORM ASSEMBLY
- 2 MOTOR
- 3 STRUCTURAL FRAME
- 4 EMBEDMENT

Layout

**PARKPLUS MS200** and **MS300** Pit System can be arranged in single or tandem arrays. Queuing space must be provided to allow for shuffling of cars. Queuing space may be in drive aisle. Surface space to be provided for code-required Accessible Parking.

ADDITIONAL INFORMATION

Safety

System 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 in Approval, LARR# Pending, City of Los Angeles
- California Seismic Code Compliant
- Miami Dade County Compliant
- Approved in Multiple U.S. Cities