The Park Plus SpaceMaker Double Parking Lift model DP003, is a two (2) level car stacker device for parking an automobile one above another on the ground. The device is so designed as to lift an automobile on a platform into the air and lock the platform in place so that a second automobile can be parked in the space below the platform.

The minimum ceiling height in order to park one car above another is 10'-6".

The structural steel used in construction of the device is 4130 steel and the platform is composed of solid un-perforated 9 gauge (.1495") checkered steel plate with integral bent curbs on each side. This steel plate is laterally reinforced at 3’ intervals with 9 gauge inverted U-Bends bolted to the underside of the steel plate.

The entire assembly weighs 2600 lbs., comes pre-welded and is assembled in the field.

The stacker is operated by hydraulics and the hydraulic cylinder rods are chrome plated to prevent rusting. The hydraulic system, which raises and lowers the platform consists of a pump and motor that are controlled by a 24-volt relay and valve combination. The hydraulic circuit maintains a constant rate of descent regardless of loading conditions. A manually operated emergency pump is provided in case electrical failure to allow lowering of the platform without electrical power. A pressure compensated hydraulic overload prevention circuit precludes operation of the unit with a load greater than 6,000 lbs.

The device is equipped with a safety locking system and planar laser system. The “posi-lock” double suspension system holds the full weight of the automobile on the platform in the locked position regardless of hydraulic or electric operation. Additional safety feature for self parking applications is that each lift is equipped with an individually keyed controller.

The car stacker has been designed to be mounted on grade to an engineered foundation or attachment system. It may be installed in a building provided the floor is certified to support the weight.
DOUBLE VEHICLE STORAGE

STANDARD PROFILE

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>PRODUCT DESCRIPTION</th>
<th>2-post Double Parking Hydraulic Car Stacker</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODEL #</td>
<td>DP003</td>
</tr>
<tr>
<td>STALL LENGTH, ft-in (m)</td>
<td>14'-3'' (4.34)</td>
</tr>
<tr>
<td>STALL WIDTH, ft-in (m)</td>
<td>7'-11'' to 8'-3'' (2.4 to 2.5)</td>
</tr>
<tr>
<td>HEIGHT CLEARANCE REQUIREMENTS/STALL, ft-in (m)</td>
<td>10'-6'' to 14'-0'' (3.2 to 4.26)</td>
</tr>
<tr>
<td>LIFTING CAPACITY / PLATFORM, lbs (kg)</td>
<td>6000 (2722)</td>
</tr>
<tr>
<td>WEIGHT OF UNITS, lbs (kg)</td>
<td>2880 (1352)</td>
</tr>
<tr>
<td>ELECTRICAL REQUIREMENT</td>
<td>3-phase 208-220V/1-phase 110-220V</td>
</tr>
<tr>
<td>OPERATION</td>
<td>Hydraulic with manual emergency lowering</td>
</tr>
<tr>
<td>ADDITIONAL REQUIREMENT</td>
<td>Power Pack Unit (for up to 30 stackers)</td>
</tr>
</tbody>
</table>

WATCH VIDEO | VIEW GALLERY | DOWNLOAD LITERATURE
DOUBLE VEHICLE STORAGE

STANDARD PROFILE

TECHNICAL SPECIFICATIONS

PRODUCT DESCRIPTION
2-post Double Parking Hydraulic Car Stacker

MODEL #
DP003 | DP005 | DP006

STALL LENGTH, ft-in (m)
14'-3'' (4.34)

STALL WIDTH, ft-in (m)
7'-11'' to 8'-3'' (2.4 to 2.5)

HEIGHT CLEARANCE REQUIREMENTS/STALL, ft-in (m)
10'-6'' to 14'-0'' (3.2 to 4.26)

LIFTING CAPACITY / PLATFORM, lbs (kg)
6000 (2722)
2980 (1352)

WEIGHT OF UNITS, lbs (kg)

ELECTRICAL REQUIREMENT
3-phase 208-220V/1-phase 110-220V

OPERATION
Hydraulic with manual emergency lowering

ADDITIONAL REQUIREMENT
Power Pack Unit (for up to 30 stackers)
# TRIPLE VEHICLE STORAGE

## ELECTRIC PROFILE

### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>PRODUCT DESCRIPTION</th>
<th>4-post Triple Parking Electric Car Stacker</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODEL #</td>
<td>TP500E</td>
</tr>
<tr>
<td>STALL LENGTH, ft-in (m)</td>
<td>15’-6” (4.5)</td>
</tr>
<tr>
<td>STALL WIDTH, ft-in (m)</td>
<td>8’-3” to 8’-6” (2.5 to 2.6)</td>
</tr>
<tr>
<td>HEIGHT CLEARANCE REQUIREMENTS/STALL, ft-in (m)</td>
<td>24’-10” (7.6)</td>
</tr>
<tr>
<td>LIFTING CAPACITY / PLATFORM, lbs (kg)</td>
<td>5180 (2380)</td>
</tr>
<tr>
<td>WEIGHT OF UNITS, lbs (kg)</td>
<td>7132 (3235))</td>
</tr>
<tr>
<td>ELECTRICAL REQUIREMENT</td>
<td>3-phase 208-220V/1-phase 110-220V</td>
</tr>
<tr>
<td>OPERATION</td>
<td>Electric with manual emergency lowering</td>
</tr>
<tr>
<td>LIFTING SPEED, ft/min (m/min)</td>
<td>13 (4)</td>
</tr>
<tr>
<td>ADDITIONAL REQUIREMENT</td>
<td>Reinforced concrete slab</td>
</tr>
</tbody>
</table>

8/12/2014
minimum clearance

Variable 5' to 6'-7''

* Refer to recommended clearance dimensions for DP003

Recommended clearances for DP003

<table>
<thead>
<tr>
<th>Stacked Vehicle Types</th>
<th>Total Height Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sedan + Sedan</td>
<td>15'-6''</td>
</tr>
<tr>
<td>Suv + Sedan</td>
<td>12'-2''</td>
</tr>
<tr>
<td>Suv + Suv</td>
<td>14'-0''</td>
</tr>
</tbody>
</table>

All units available as single standing or shared with common leg.

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PARK PLUS Inc.™

Parking Systems
**DESCRIPTION**

2 Post Double Parking hydraulic SUV Car Stacker®

**LENGTH, ft-in (m)**

13'-6" (4.1)

**WIDTH, ft-in (m)**

7'-11" to 8'-3" (2.4 to 2.5)

**CLEARANCE REQUIREMENT (Height), ft-in (m)**

10'-6" to 14'-0" (3.2 to 4.26)

**OVERALL HEIGHT OF EQUIPMENT**

9'-10"

**LIFTING CAPACITY PER PLATFORM, lbs (kg)**

6000 (2722)

**WEIGHT OF UNIT, lbs (kg)**

2980 (1352)

**ELECTRICAL REQUIREMENTS**

3-phase 208-220V/single phase 110-220V

**OPERATION**

Hydraulic with manual override

**ADDITIONAL REQUIREMENTS**

Power Pack Unit (for up to 30 stackers)

**APPROVALS**

MEA certified for City of New York