

**American *Custom* Lifts**

PROFESSIONAL PARKING SOLUTION PROVIDER!

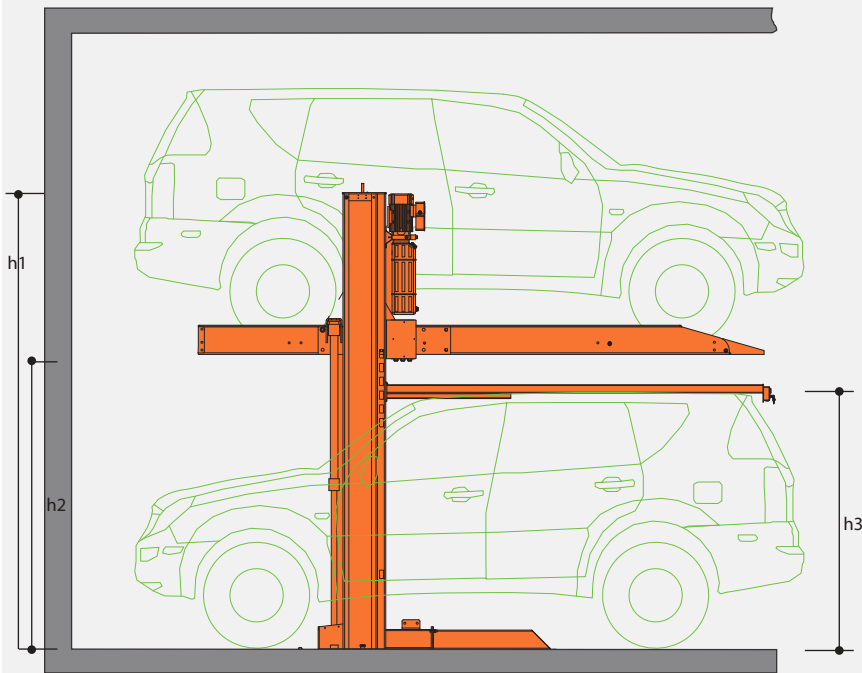


## Apex 6000 TP-27 2<sup>nd</sup> Generation

High-end Two Post Parking Lift

# Apex 6000 TP-27

## Two Post Parking Lift 2 Levels



Apex 6000 TP-27

h1	11'-0.36" (132.32")
h2	6'-10.67" (82.67")
h3	5'-11.04" (71.06")

### Introduction

Apex 6000 TP-27 series of products are developed to provide customers more reliable, stable and usable parking equipments. A lot of new designs and components are updated, to make sure the products can work for much longer time with less maintenance. Apex 6000 TP-27 is the new Two Post Parking Lift. It's a kind of valet parking equipment, suitable for both commercial and residential parking purposes. It moves only vertically, so the users have to clear the ground level to get the higher level car down. It is hydraulic driven with chains. The equipment can be used for both sedan & small SUV.

- 2700kg/6000lbs capacity for most types of vehicles
- Galvanized and corrugated platform guarantee safety and long lifetime
- Anti-slip corrugated deck protect both vehicle and driver from possible slip and damage but still high-heel shoe friendly
- Single hydraulic lifting cylinders with chains as driven system
- The pole with piston is chroming to anti-corrode to ensure its long using life
- Individual hydraulic power pack and control panel
- Self-standing and self-support structure
- Symmetrical designed column
- Can be relocated
- Special designed control arm for operator to control the lift without getting under the platform
- Synchronization chain assuring the lifting platform balance
- Middle post sharing feature save cost and space
- Electric key switch for security and safety
- A new "LOCK DOWN" button for platform sitting on locking tab to protect cylinder
- Automatic shut-off if operator releases the key switch
- Dynamic mechanical locks as anti-falling device hold the platform in place
- Manual lock release
- Platform can be stopped at different heights to fit for various vehicles and ceiling heights
- Hydraulic overloading protection

### General Parts



Apex 6000 TP-27

- 1 Carriage
- 2 Transparent oil tank (steel oil tank is optional)
- 3 Galvanized cover plate
- 4 Electric box
- 5 Key switch & emergency stop button
- 6 Dynamic anti-falling lock
- 7 Front footage



#### 1 Low usage cost

When the platform moves down, it will be driven by gravity, so there is no electricity consumption for hydraulic power pack.

#### 2 Fast and easy installation

With professional design and friendly package, it becomes simple on installation. What's more, detailed installation manual, drawing and video attached with products will help customers have easier installation work.

#### 3 Sharing post feature

The posts could be shared when they are installed side by side, which can save cost, land space, and container space.

#### 4 Professional packing & delivery

We have very professional packaging and logistic people to ensure our customer will get the product damage free, simple load & unload in time.

#### 5 Hydraulic driving mode

Thanks to the hydraulic driving mode, our lift could have a faster lifting speed. Even though there is power failure, the upper car still can be retrieved by manually operating the solenoid valve.

#### 6 Dynamic locking device

We are offering the safest parking machine in the market, the equipment is built under the CE standard and there are more than 10 safety features to ensure our clients will always get protection. Especially, there are a range of locking tabs on the posts to protect cars from accident damage.

#### 7 Stronger structure

Apex 6000 TP-27 enforced the critical parts that carry the weight makes the equipment extra strong.

#### 8 Lock down button

User could press LOCK DOWN button to make platform descend a little and sit on locking tab after platform go up to top position, to make cylinder "rest" without any pressure. Therefore the hydraulic cylinder could be used for longer time.

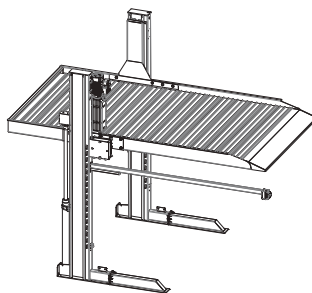
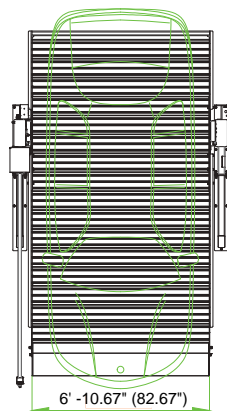
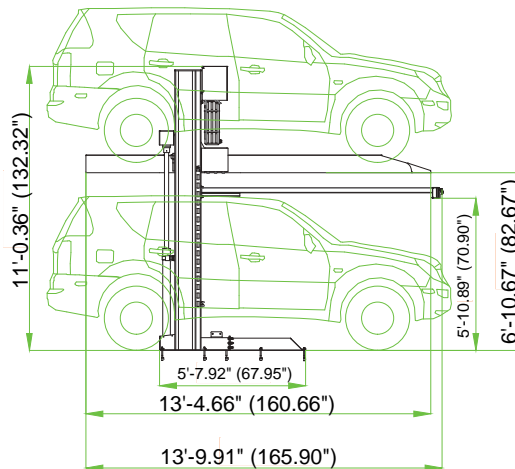
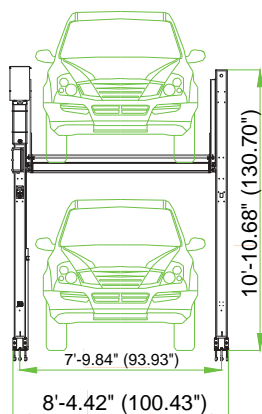
#### 9 Back in available for car door opening easily

The post and platform was re-designed to make back in available, which will help people a lot to open car door easily when a car is parked on the platform.

## Specifications

Model	Apex 6000 TP-27
Lifting capacity	2700kg/6000lbs
Equipment weight	1100kg/2420lbs
Lifting height	6'-10.67" (82.67")
Usable platform width	6'-10.67" (82.67")
Electrical required	220-420V, 1 or 3Phase, 50/60Hz *Price maybe different!
Control power	24V
Lock device	Dynamic
Lock release	Manual Lock Release
Operation	Key switch
Power pack	4hp/3kW Individual Power Units or Commercial Power Units (5.5hp - 20hp)
Lift/Lowering Time	22-30/<30 Seconds
Finishing	Powder Coated and Galvanized Platform

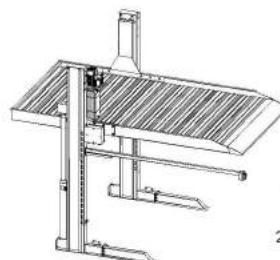
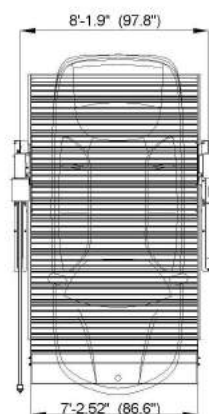
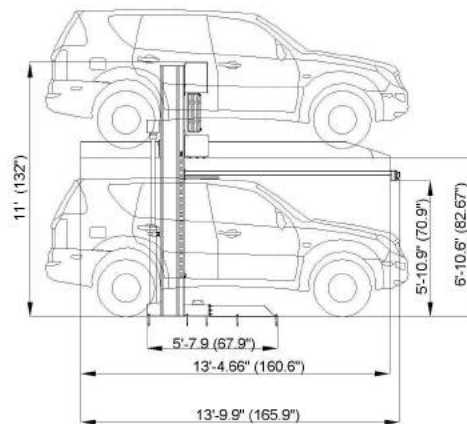
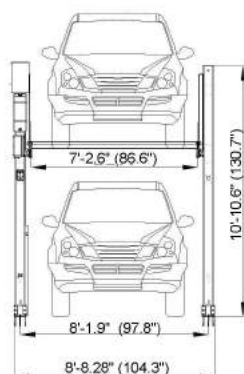
## Dimensions



4HP/3kW Hydraulic Power Unit

220-420V, 1 or 3Phase, 50/60Hz

## 7'-2" Platform Width



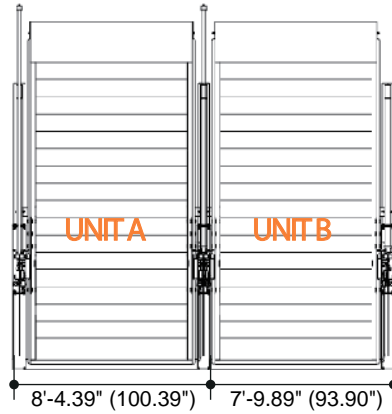
4HP/3kW Hydraulic Power Unit

220-420V, 1 or 3Phase, 50/60Hz

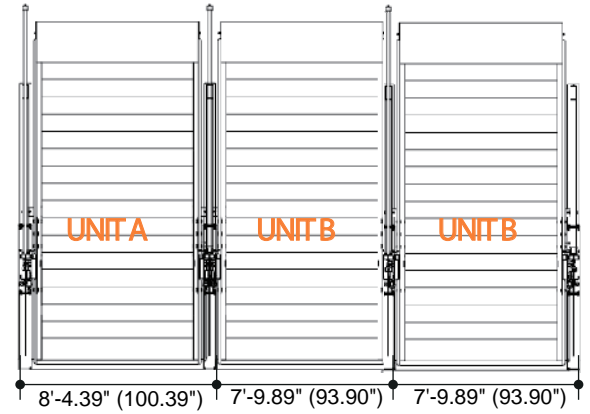
## Width calculation



**8'-4.39" (100.39")**

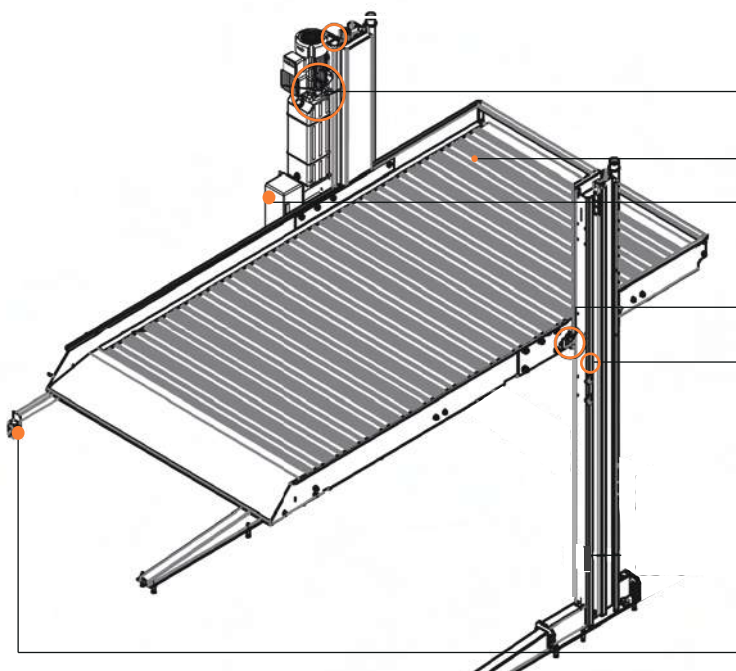


**16'-2.28" (194.29")**



**24'-.12" (288.19")**

## Safety Features



### Limit Switch

To Stop the power pack pumping , when the platform reach the position , Height adjustable feature  
Power Unit

- 1.Pressure Relief Valve(will be activated when the pressure inside of the cylinder reach a certain level)
- 2.Directional Valve
- 3.Solenoid Valve
- 4.Flow control valve
- 5.Transparent Oil Tank(Be able to see the oil level)

### Hot Galvanized Cover Plate

Anti-rust Non-slip design Leakage-proof design  
Electric Box

- 1.24V Control
- 2.Voltage Overload Protect
- 3.Fuse

### Mechanical lock hook

Lock the platform in the lock hole when , during the platform go up and down

### Full Range Mechanical Lock Block

- 1.Full range mechanical lock block start from '19.68" of the bottom of the post until reach the lifting position
- 2.Each block is '2.75" high and '3.14" gap in between.
- 3.It will be activated when there is any failure of the hydraulic system, and hold the platform on the next locking position by the post.

### Control Box

- 1.Self-restore key switch.
- 2.Emergency stop button



