

MUTRADE

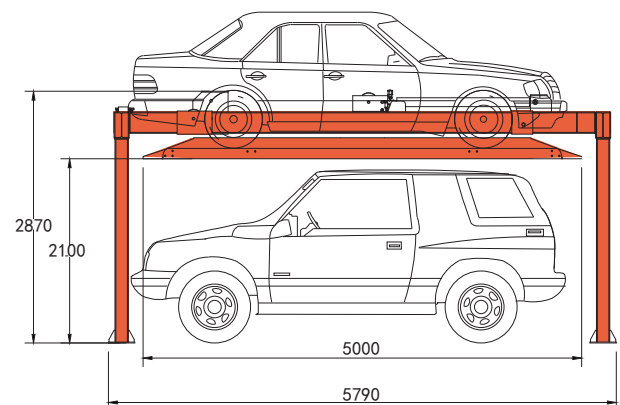
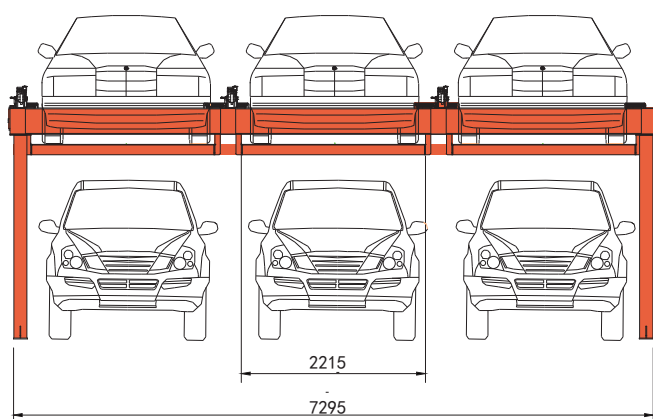
QINGDAO MUTRADE CO., LTD.



HYDRO-PARK 4127

Hydro-Park 4127 is a 2 levels valet parking system, supported by four posts or concrete columns. There is no post, platform or any obstruction on the ground. The platforms move vertically only, when the space underneath has to be clear. The system is driven by hydraulic cylinder and wire ropes with heavy duty lifting capacity, suitable for various vehicles.

- 2500kg capacity allows most types of vehicles.
- Absence of steel support legs or columns decreases opportunity for damage to vehicle doors
- Zero obstructions between vehicles when platforms are up
- No load on open slab floor, maintaining integrity of supporting structure
- Tripping hazards eliminated due to lower side rail/curb profile and lack of center posts
- Elimination of platform edges reduces danger of cut shoes or injury to feet
- Galvanized platform with wave plate for better parking
- No greasy components, switches or controls near parking process ensures safety of valets
- System is customizable to accommodate vehicle length, width, height and weight
- Dramatically increased speed of use and quieter operation
- Allows elevated vehicles to be parked over drive aisle
- System can be installed on a sloped slab, increasing usability of existing space
- Lower energy costs for economical operation
- Enhanced safety sensors include sound and light warning devices
- Photo-Electric detection devices indicate parking area encroachment, if a vehicle is blocking the lowering of a platform or if a vehicle is over-height
- Can be fully integrated into structure
- Dramatically increased profitability with addition of parking spots
- Can greatly reduce base square foot requirements to save in construction costs



Advantages

- **Operational**

System can be customizable to accommodate vehicle length, width, height and weight

Dramatically increased speed of use and quieter operation

Allows elevated vehicles to be parked over drive aisle

System can be installed on a sloped slab, increasing usability of existing space

Lower energy costs for economical operation

- **Reduced Liability**

Absence of steel support legs or columns decreases opportunity for damage to vehicle doors

Zero obstructions between vehicles when platforms are up

No load on open slab floor, maintaining integrity of supporting structure

Tripping hazards eliminated due to lower side rail/curb profile and lack of center posts

Elimination of platform edges reduces danger of cut shoes or injury to feet

No greasy components, switches or controls near parking process ensures safety of valets

All hydraulics and electrical elements are elevated well above parking area

- **Safety Features**

Enhanced safety sensors include sound and light warning devices

Photo-Electric detection devices indicate parking area encroachment, if a vehicle is blocking the lowering of a platform or if a vehicle is over-height

- **Financial**

Dramatically increased profitability with addition of parking spots

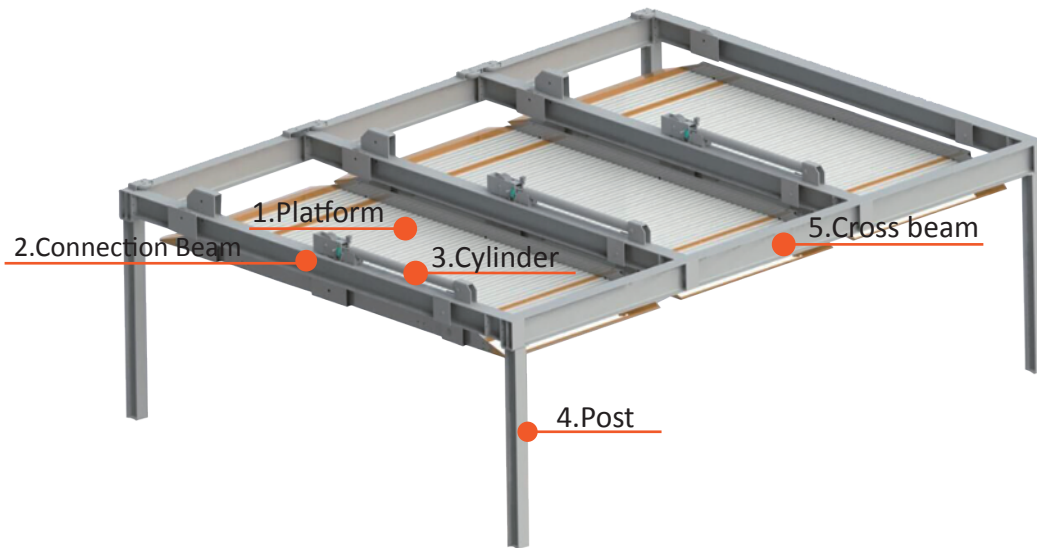
Can greatly reduce base square foot requirements to save in construction costs

- **Other Benefits**

Framing can be used to support exterior screening/façade for improved aesthetics

Can be fully integrated into structure

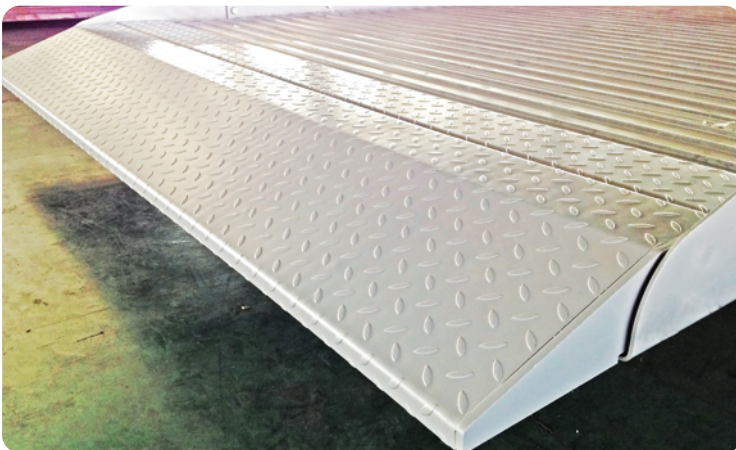
Snow removal process is significantly easier



Specifications

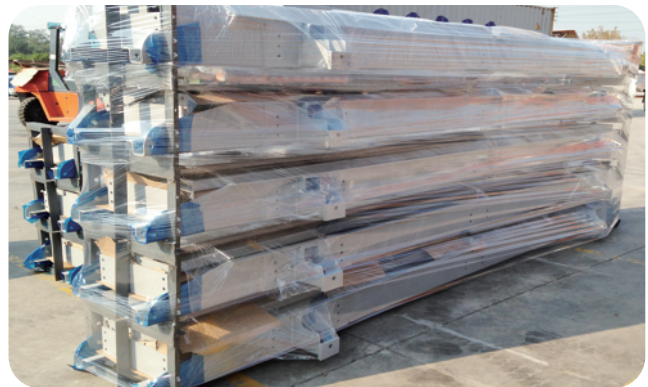
Lifting capacity	2500kg/5500lbs
Lifting height	2100mm/83inches
Usable platform width	2200mm/87inches
Pump power	5.5Kw
Available voltage of power supply	200V-450V, 3 Phase, 50/60Hz
Operation mode	Key switch
Operation voltage	24V
Safety lock	Anti-falling hook
Lock release	Electric auto release
Rising/descending speed	<50s
Finishing	Powder coating

Finishing

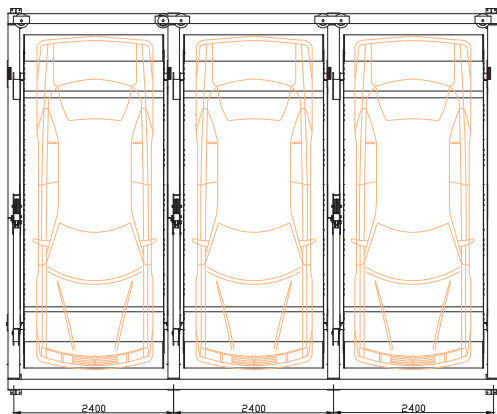
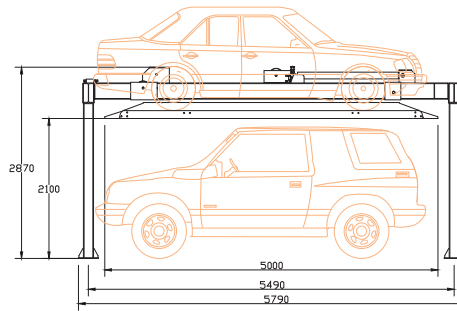
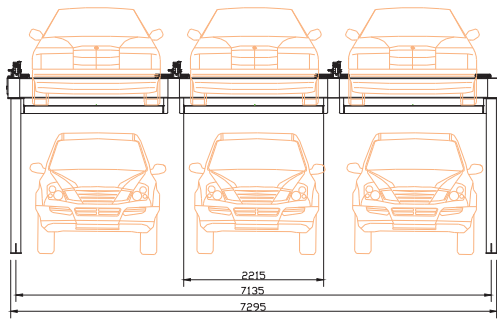


Powder coating is applied as a free-flowing, dry powder. It is typically applied electrostatically and is then cured under heat to allow it to flow and form a "skin". It is usually used to create a hard finish that is tougher than conventional paint.

Container loading



Drawing



Type		
Parking	Parking Vehicels	6
	Single vehicels weight(kg)	<2500kg
Size of car	Length	5000mm
	Width	1850mm
	Height	1550mm-2000mm
Pump motor	5.5kW	
Lifting speed(seconds)	<50	
Electricity	380V 50Hz3 phases	

Q&A

1. Can Hydro-Park 4127 be used in the basement?

Hydro-Park 4127 is specially designed for indoor use, the system can be installed in complex environment with concrete columns, sloped slabs, or varied layout. It can be fully integrated into the concrete building structure.

2. Can Hydro-Park 4127 be used for parking SUV?

Rated capacity 2500kg allows most SUV parked.

3. What's the voltage requirement?

The standard voltage should be 380v, 3P. Some local voltages could be customized according to clients' request.

4. Can this product still operate if electricity failure happens?

The platform can be manually lowered down by special operation.

5. Can Hydro-Park 4127 be installed by customer themselves?

The structure and electrical system is simple, customer can install the system according to our installation manual.

Warranty policy

Hydro-Park 4127 has a 5 years warranty on structure, and 1 year warranty for the whole machine. Within the warranty period, powerunits, hydraulic cylinders, and all other assembly components such as slip plates, cables, chains, valves, switches etc, are warranted for three years against defects in material or workmanship under normal use. MUTRADE shall repair or replace at their option for the warranty period those parts returned to the factory freight prepaid which prove upon inspection to be defective. MUTRADE will not be responsible on any labor costs unless pre-agreed. Mutrade will not be responsible for the modification or upgrade of the product from the client unless pre-agreed.

These warranties do not extend to...

- defects caused by ordinary wear, abuse, misuse, shipping damage, un-proper installation, voltage or lack of required maintenance;
- damages resulting from purchaser's neglect or failure to operate products in accordance with instructions provided in the owner's manual(s) and/or other accompanying instructions supplied;
- normal wear items or service normally required to maintain the product in a safe operating condition;
- any component damaged in shipment;
- other items not listed but may be considered general wear parts;
- damage caused by rain, excessive humidity, corrosive environments or other contaminants.
- any change or modification made to the equipment without pre-agreed.

These warranties do not extend to any cosmetic defect not interfering with equipment functionality or any incidental, indirect, or consequential loss, damage, or expense that may result from any defect, failure, or malfunction of a MUTRADE product or the breach or delay in performance of the warranty.

This warranty is exclusive and in lieu of all other warranties expressed or implied.

MUTRADE reserves the right to make design changes or add improvements to its product line without incurring any obligation to make such changes on product sold previously.

Warranty adjustments within the above stated policies are based on the model and serial number of the equipment. This data must be furnished with all warranty claims.

Important notice

About the customized size:

If the size of the platform need to be customized based on customer require, difficulties might arise when entering or exiting the cars on the parking units. This depends on car type, the access and the individual driving behavior.

Operating device:

The position of the operating device depends on the project (switch post, house wall). From bottom of the shaft to the operating device an empty pipe DN40 with taut wire is necessary.

Temperature:

The installation is designed to operate between +5° and +40°C. Atmospheric Humidity: 50% at +40°C. If the local circumstances differ from the above please contact MuTrade.

Illumination:

Illumination has to be considered acc. to local requirements by client. Illumination in the shaft for maintenance is required to be minimum 80 Lux.

Maintenance:

Regular maintenance by qualified personnel can be provided by means of an Annual Service Contract.

Protection against corrosion:

Independent of a maintenance workings has to be carried out acc. to MuTrade Cleaning and Maintenance Instruction regularly. Clean up galvanized parts and platforms of dirt and road salt as well as other pollution (corrosion danger)! Pit must be always ventilated well.

Project reference

