

MUTRADE
MUTRADE INDUSTRIAL CORP.



DESIGNED FOR
PARKING
MORE SPACE



Hydro-Park 2136

Four Post Parking Lift

Please notice that all the specification and technical details quoted within this catalog/datasheet/installation manual maybe out of date or have minor differences with our standard equipment from time to time.
Our company reserve the right to change technical details in the description, information and illustrations in this documentation.
All the specification and technical details will be subjected to the drawing confirmed by the sales contract.

CE This parking system is compliant to:
- EC Council Directive 2006/42/EC Machinery
- DIN EN 14010

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> Introduction

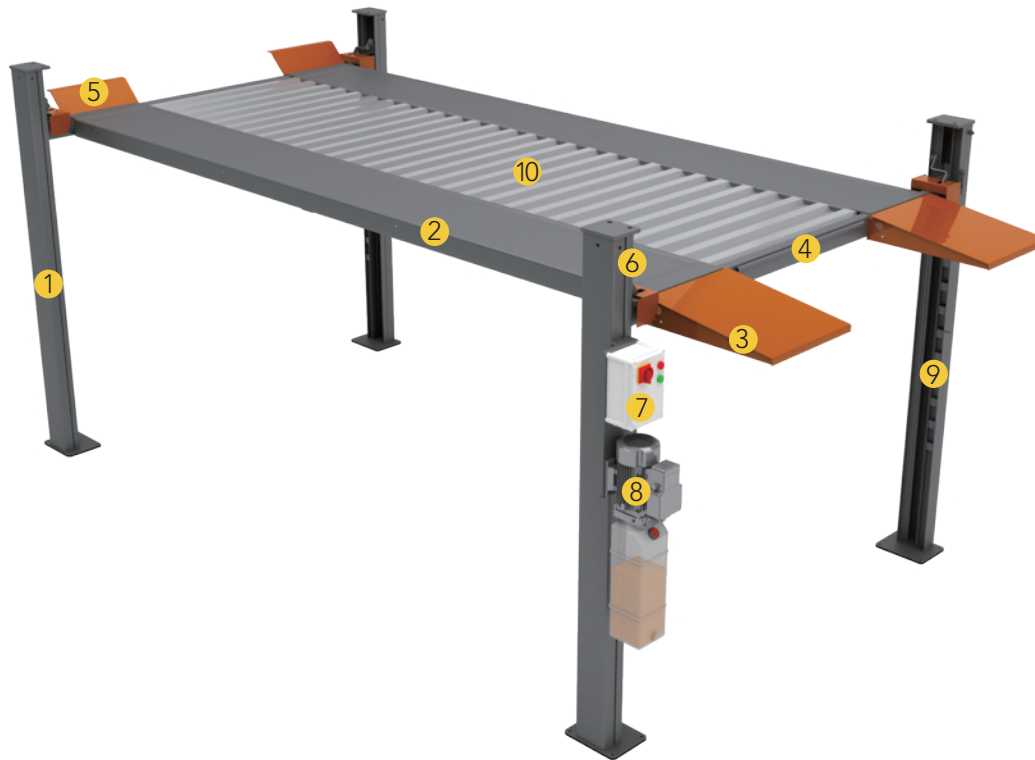
The Hydro-Park 2136 is an exciting new addition to the four-post parking lift family. It's heavy-duty structure & extra-wide runways make it the perfect solution for all vehicle storage needs. This innovative product provides two options for parking height, 1800 & 2100mm. With over 240mm of additional runway width compared to the car lifts with standard width, this lift is perfect for wide cars and off-road vehicles. Galvanized steel oil drip trays are included, could be removed for servicing a raised vehicle, and also strong enough to be stepped on when lowered to the ground.

Features

- Specially designed for parking
- 3600kg lifting capacity
- High-rise to maximum 2100mm
- Extra-wide runways of 2166mm
- Lightweight design without compromising performance
- Rugged indented runway design
- Internal anti-sway slider blocks in each post
- Self-lubricating cable rollers
- High-speed lifting
- Heavy-duty aircraft steel cable
- Multi-position safety locks in each post
- Electric auto lock release
- Full-size galvanized steel oil drip trays
- Integrated & neat appearance design
- Durable powder coating finishing



General Parts



- 1 Post
- 2 Runways
- 3 Ramp
- 4 Cross beam
- 5 Wheel stopper
- 6 Limit switch
- 7 Control box
- 8 Power pack
- 9 Multi-position safety locks
- 10 Galvanized oil drip trays

Advantages

Versatile and compact

Hydro-Park 2136 is one of the best ways to save space. As a parking lift, it instantly doubles the garage space; as a storage lift, it provides extra room for a second vehicle; and as a service lift, the removable oil drip trays enhance its practicality and ease of use.

Indented runway design

The runways are designed with indented surfaces, which provides higher strength against deformation, and are also safe from slippery.

Extra-wide runways

With the remarkably distance of 2166mm between Outside Edge of Runways, it comfortably accommodates wide-body trucks and SUVs.

Dual stopping heights

Hydro-Park 2136 offers 2 options for stopping height: the height 1800mm avoids your concerns about ceiling height; and the height 2100mm offers ample space for taller SUVs and pickup trucks.

Multi-level locking positions

When the parking lift rises, four safety locks are firmly engaged at various lock levels, ensuring maximum security. And as the lift descends, the locks are automatically disengaged in a coordinated and reliable manner.

Rich color options

Bespoke the parking lift color and blend it in with your garage or environment.

Heavy-duty aircraft cable

The four steel cables, which are galvanized and weather proof, possess a collective rating over 700% of the overall lift capacity of this parking lift.

Superior-grade oil drip trays

Each HP2136 has galvanized steel oil drip trays. When a vehicle is parked up, you get an open working space. And when lowered down, they are robust enough to endure being walked over.

Automatic safety locks

The spring-driven safety locks automatically engage continuously as the lift goes Up; and with the simple turn of the key, all four locks are easily released simultaneously as the lift goes Down.

Integrated & neat design

Lifting cables, oil hoses, power cables are almost fully enclosed except the oil hose and main power cable. This keeps the components safe from weather, chemicals and accidents, and contributes to a streamlined appearance.



Specifications

> General

Model Number	Hydro-Park 2136
Lifting capacity	3600kg
System length	4616mm
System width	2560mm
Platform usable width	2166mm
System height	2442mm
Lifting height	2100mm / 1800mm
Drive mode	Hydraulic cylinder + cable
Hydraulic pump power	2.2kw
Lifting time	≤55s
Operation	Key switch
Lock release	Electric auto release
Control voltage	24v
Power supply	110-480v, 1/3P, 50/60hz
Finishing	Powder coating

Note: Mutrade reserves the right to change the specifications without further notice. We reserve the right in the course of technical improvement to apply new technologies, processes or standards in fulfillment of their obligations.

Safety devices

Limit switch

Dynamic anti-fall lock

Emergency stop button

Buzzer

Pressure relief valve

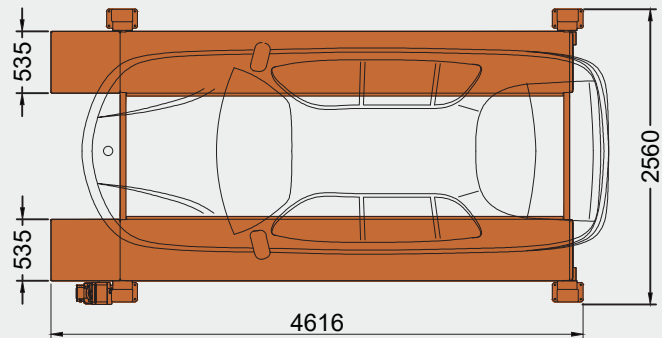
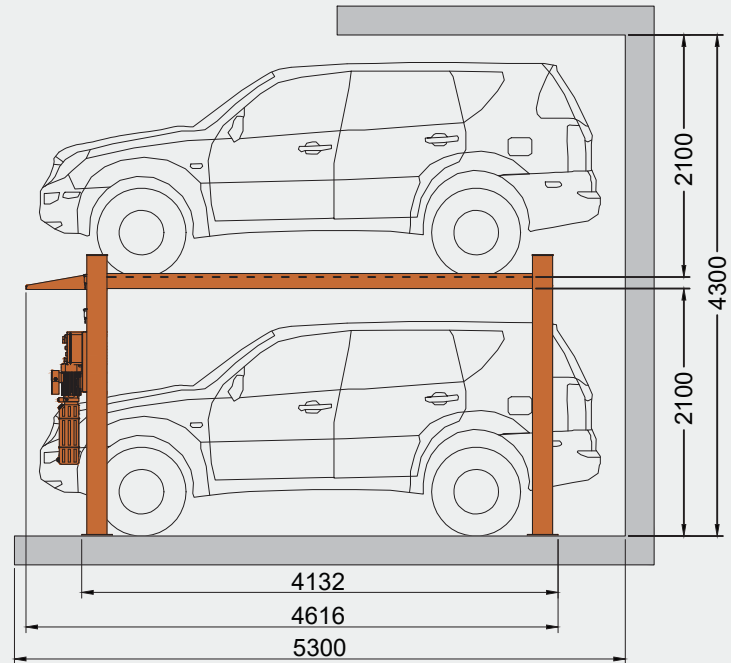
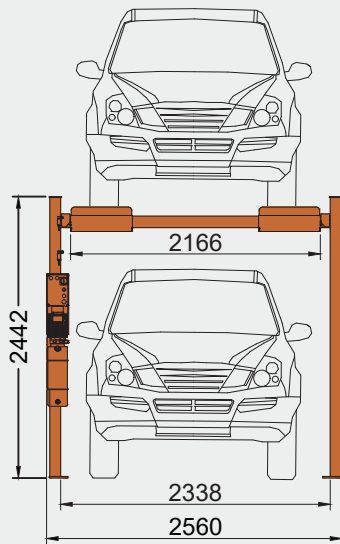
Self-restore key switch

24v electric control system

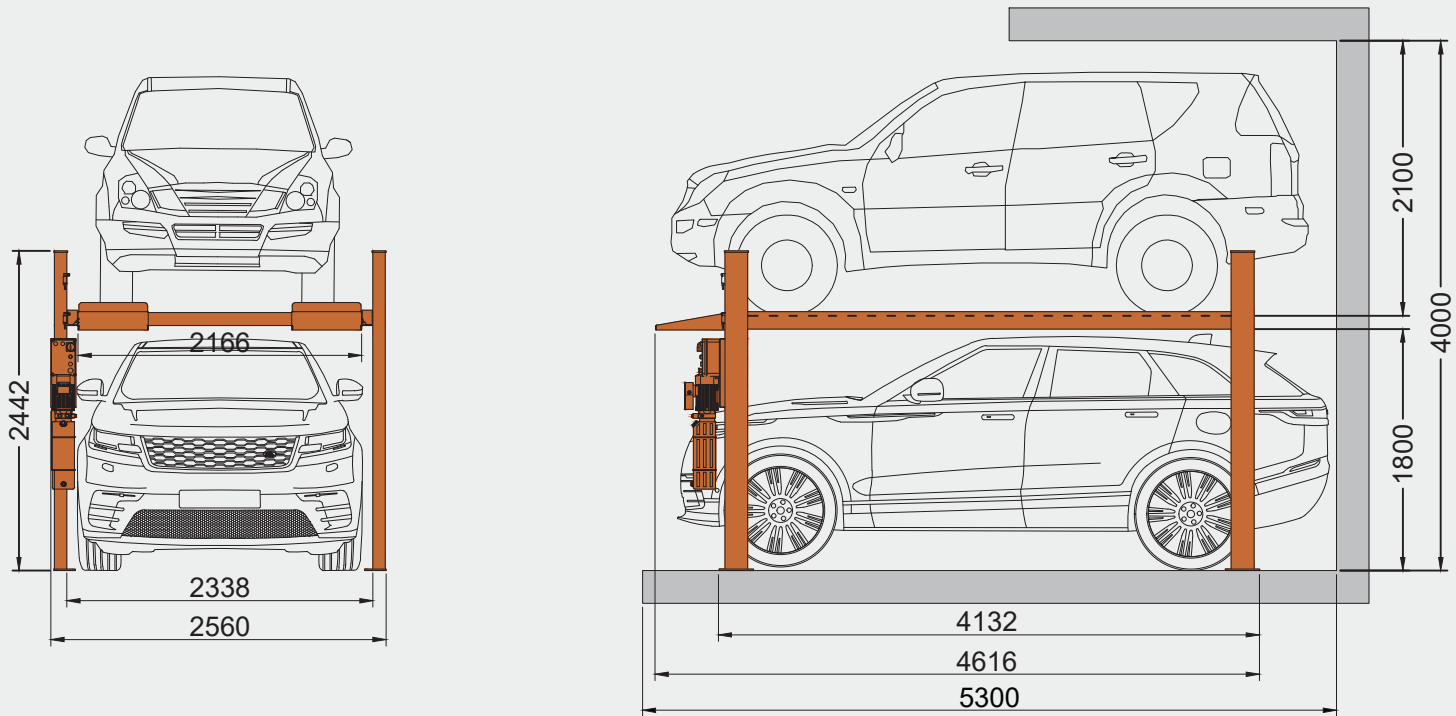
Overload protection



Dimensions



Stopping height 2100mm



Stopping height 1800mm

Note: 1. HP2136 allows two stopping heights by relocating the limit switch. Mounting holes have been pre-drilled on the Post.
 2. Mutrade reserves the right to construction or model modifications and/or alterations.

> Packaging & Container load

Container size	Loading quantity	Net weight
20ft	12 units	8t
40ft	36 units	24t

Scope of application

Suitable for residential buildings, office buildings and business premises, hotels.

Only for long-term users that have been instructed on how to use the system.

For frequently changing users (e.g. for office, hotel and business premises or similar):

- Only parking on top platform.
- Performance of technical system adjustments in necessary.
- Consultation with Mutrade is mandatory.

Noise protection

- Insulation figure of the construction of min. $R_w = 57$ dB
- Walls which are bordering the parking systems must be done as single wall and deflection resistant with min. $m = 300$ kg/ m²
- Solid ceiling above the parking systems with min. $m = 400$ kg/ m²

At differing constructional conditions additional sound absorbing measures are to be provided by the customer.

The best results are reached by separated sole plates from the construction.

Increased noise protection:
If increased noise protection must be provided planning has to be confirmed on a project basis by Mutrade.

Temperature

- System operating range: -10 to +40C (with unloading platforms lowering speed is reduced if less than +5C).
- Humidity: 50% at +40C
- In the event of changes to system conditions please consult with Mutrade.

Parking

- Drive the car forward or backward onto the center of the platform. Collision with the Lift structures shall be avoided.
- Put the brake on after vehicle parked on the targeted position to avoid any accidental movement.
- Open the car door carefully to avoid any collision. Pay attention to the Height difference with ground surface when

- stepping out the platform.
- Turning the key to UP to lift the car to the appropriate position.
- Before another vehicle parked under platform, check the vehicle height and clearance to the platform.

Railings

Railings mandatory:

- When exceeding the permissible, country-specific construction gaps and opening.

Safety fences mandatory:

- When walkways resp. traffic passageways running alongside or behind the lift and / or systems positioned along border walls.
- Safety fences according to ISO 13857 to be performed by the customer (also during the construction phase).

Maintenance

- Mutrade and all the Mutrade partners abroad provide an installation and customer service network.
- Regular, annual maintenance is provided subject to the stipulation of a maintenance agreement.

Protection against corrosion

- All operations listed in the Mutrade Cleaning and Maintenance Instructions are to be performed regularly. (independently of maintenance operation)
- Zinc-plated parts, components and platforms are to be kept clean of dirt, road-salt and any other debris (due to corrosion hazards).
- Always keep the garage well ventilated and deaerated.

Surface protection

- Please consider the information on surface protection!

Lighting

- Sufficient lighting of the driving aisle and of the parking places must be performed by the customer.

Fire safety

All the safety requirements and all mandatory equipment (fire extinguisher and fire alarm system, etc.) must be performed by the customer.

Construction alternations and /or modifications

- The right to construction or model modifications and/or variations is hereby reserved.
- The right to any subsequent part modification and/or variation and amendments in procedures and standards due to technical and engineering progress or due to environmental regulation changes is also hereby reserved.