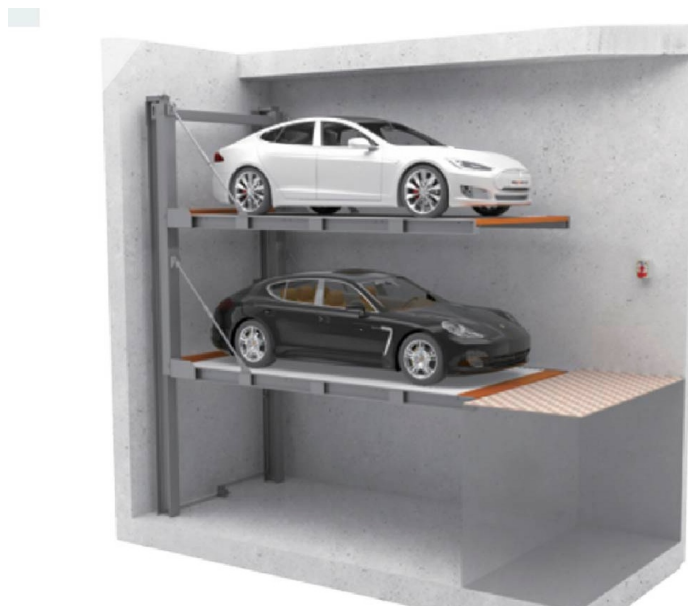


Hydro Pointer Park 7220

HPP Series — Cantilever Parking System with Pit

A cantilever parking system with pit that doubles parking spaces in parking basements — featuring rear-cantilever platforms with no front columns, for a more comfortable parking experience and a smaller occupied area.

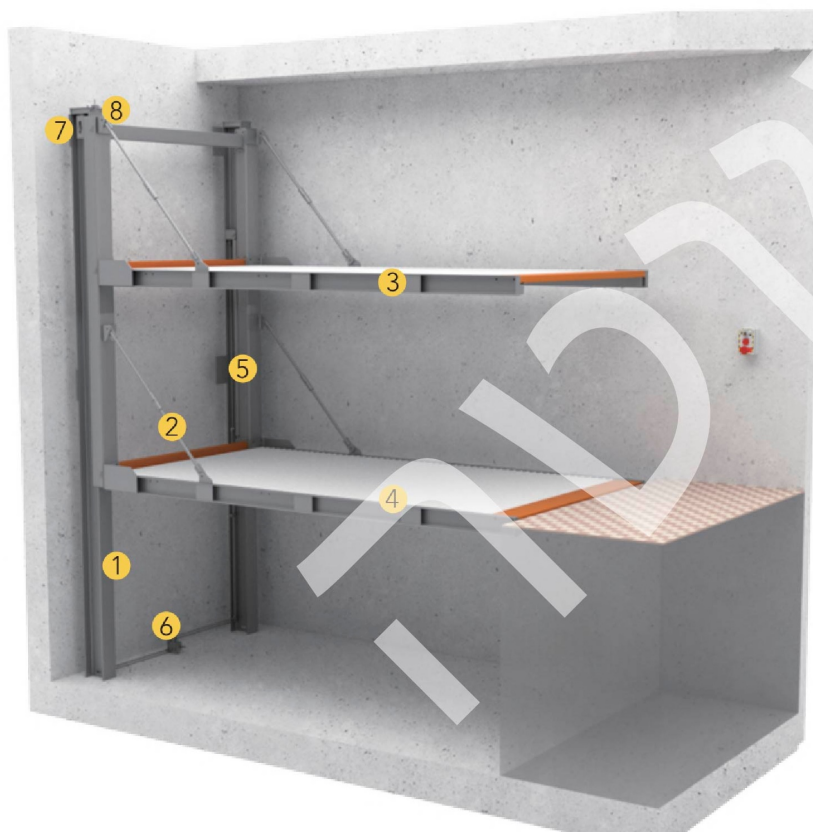


Introduction

Hydro Pointer Park 7220 is a cantilever parking system with pit that provides doubled parking spaces in parking basements. It's featured by rear-cantilever platforms with no columns in the front, resulting in a more comfortable parking experience and much smaller occupied area.

Thanks to the pit installation, both parking spaces are independent — one on the ground surface and another in the pit — suitable for residential buildings, office buildings, and more.

- Platform load capacity: 2,000kg
- Platform width: 2,400mm as standard, and up to 2,600mm
- Pit width: 2,500mm as standard, and up to 2,700mm
- Pit depth: 2,000mm as standard, and variable from 1,800mm to 2,200mm
- Vehicle height in low level: 1,700mm as standard
- Dual hidden hydraulic cylinders
- Centralized commercial power pack is optional
- Galvanized platform plates, high-heel friendly
- Fine surface coating supported by Akzo Nobel powders



- 1 Post
- 2 Hoist arm
- 3 Upper platform
- 4 Lower platform
- 5 Hydraulic cylinder
- 6 Valve block & oil hose
- 7 Anti-falling lock
- 8 Limit switch

Advantages

Premium hydraulic technology

Hydraulic driven by commercial-grade power pack, starting from 5.5kW. Lifting speed 4.0m/min.

Compact structure design

Thanks to the hidden hydraulic cylinders, the overall structure is compact and neat, resulting in less area coverage.

Easier access

Thanks to the no-columns design on the platform, drivers and passengers can open doors with ease.

Comfortable walking

Pointer adopts smart galvanized profile sheets without slots or deep grooves, offering a comfortable walking experience even for high heels.

Wide deck for parking

Thanks to the compact structural design, Hydro Pointer Park 7220 provides 2,400mm clear entrance width as standard within an overall cover area of only 2,500mm.

Unique centralized control option

When multiple units are installed side by side, Pointer offers a centralized power pack option to lower the overall investment, with even faster lifting speed when operating a single unit.

Comprehensive tailoring service

Hydro Pointer Park 7220 can be custom made in terms of depth and platform width to adapt to various installation situations.

Laser cutting + robotic welding

Accurate laser cutting improves part accuracy, and robotic welding makes the welding joints stronger and more beautiful — increasing overall safety.

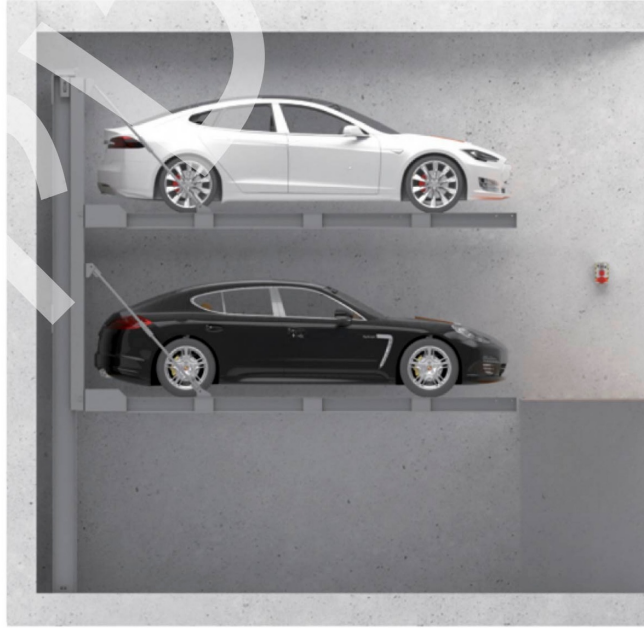
Easy installation

Simple, modular structural design — critical transmission parts are pre-assembled in the factory.

Specifications

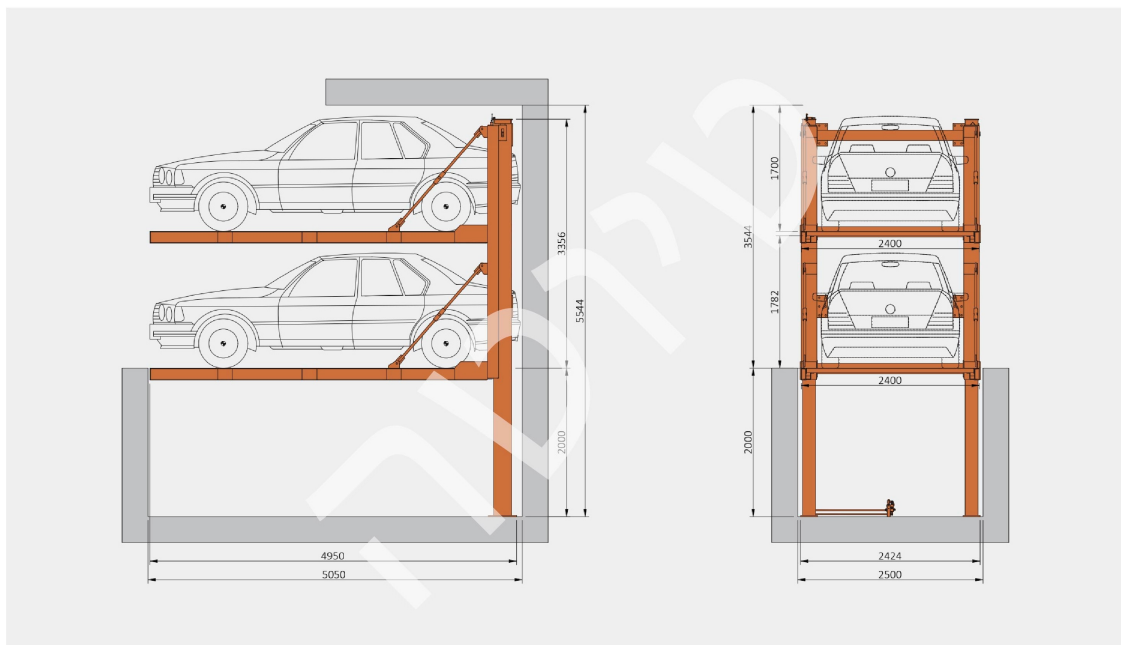
Model Number	Hydro-Park 7220
Vehicles per system	2
Max vehicle weight	2,000kg
Platform length	4,950mm
Platform width	2,400mm
Pit length	5,050mm
Pit width	2,500mm
Pit depth	2,000mm
Max bottom vehicle height	1,732mm
Ceiling height	>3,544mm
Drive mode	Hydraulic cylinder direct drive
Hydraulic pump power	5.5kW
Lifting time	50s
Operation	Key switch
Lock release	Electric auto release
Control voltage	24V
Power supply	208-480V, 3P, 50/60Hz
Finishing	Powder coating

Note: the above parameters are based on standard configurations only.



- Limit switch
- Anti-falling lock
- Emergency stop button
- Self-restore key switch
- 24V electric control system
- Overload protection
- Pressure relief valve
- Alarm buzzer in operation
- Double check valve

Dimensions



Note:

1. The above dimensions are based on standard configurations only.
2. This parking system can be custom made — for a comfortable parking experience, it's recommended to have the platform clear width no smaller than 2,300mm.

Scope of application

Suitable for residential buildings, office buildings, business premises, and hotels — for long-term users who have been instructed on how to use the system. For frequently changing users (e.g. office, hotel, or business premises): parking only on the top platform; periodic technical adjustments and consultation with Pointer are required.

Noise protection

Minimum sound insulation $R_w = 57\text{dB}$. Walls bordering the parking system must be single-wall and deflection-resistant (min. 300kg/m^2); the ceiling above must be at least 400kg/m^2 . At differing constructional conditions, additional sound absorbing measures are to be provided by the customer — best results are achieved with separated sole plates from the construction. Increased noise protection requires project-specific planning confirmed by Pointer.

Temperature

System operating range: -10°C to $+40^\circ\text{C}$ (with unloading platforms, lowering speed is reduced below $+5^\circ\text{C}$). Humidity: 50% at $+40^\circ\text{C}$. In the event of system condition changes, please consult with Pointer.

Drainage

In winter, up to 40 liters of snow water can come with the wheel housings in one parking process. Recommended drainage channels run along the front end sections of the pit, connecting to a floor drain or drainage pit ($500 \times 500 \times 200\text{mm}$), or with manual emptying. Alternatively, a pump or drainage channel into the sewerage system can be installed by the customer. Coating of the pit flooring is recommended, along with an oil/petrol separator unit between the drainage connection and the main sewerage system.

Railings

Railing is mandatory when exceeding the permissible, country-specific construction gaps and openings. Safety fences are mandatory when walkways or traffic passageways run alongside or behind parking lifts/systems positioned along border walls — per ISO 13857, to be performed by the customer (also during the construction phase).

Maintenance

Pointer and all Pointer 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 Pointer Cleaning and Maintenance Instructions are to be performed regularly, independent of maintenance operation. Zinc-plated parts, components, and platforms must be kept clean of dirt, road salt, and other debris due to corrosion hazards. Always keep the garage well ventilated and deaerated.

Surface protection & Lighting

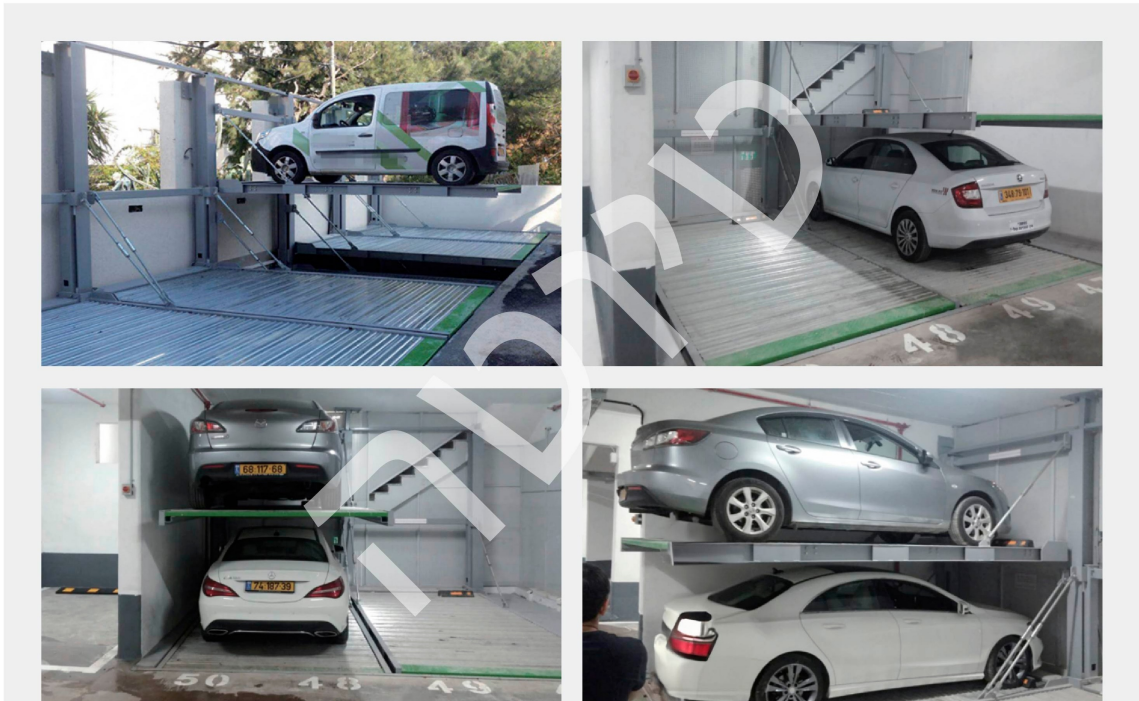
Please consider the information on surface protection. Sufficient lighting of the driving aisle and parking places must be provided by the customer.

Fire safety

All safety requirements and 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, including any subsequent part modification, variation, or amendments in procedures and standards due to technical and engineering progress or environmental regulation changes.





Hydro Pointer Park 7220

HPP Series — Cantilever Parking System with Pit

For details, orders, and professional consultation — the POINTER team is at your service.

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