PSH Two-layer Lift-sliding Mechanical Parking System

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Two-layer lift-sliding system is one of the most common parking systems with the highest occupancy in the market. The free height is only at 3600 millimeters for installation.

Each pallet has four anti-dropping devices, controlled by electromagnet and sensitive.

Emergency stop switch

"Emergency Stop" switch available on each set of equipment to stop the system when emergency.

Chain detecting device

Over length detections on both front and rear of the equipment limit the wrong-entry of personnel and unsuitable vehicles.

Security

The inner width of pallet is up to 2070 millimeters for easier parking.

Secondary chamfer design in the front of pallet can avoid damage on tyres when drives in.

Motor drive; Four-point lifting by chain; stable and silent.
1. Operator check-in card

2. Pallet of Layer 2 lifts up, returns to the normal position.

3. Ground pallet slides, to empty the lifting space for pallet of layer 2.

4. Selected pallet moves to the ground.

5. Vehicle parks reversely and finish parking.

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2. Pallet of Layer 2 lifts up, returns to the normal position.

3. Ground pallet slides, to empty the lifting space for pallet of layer 2.

4. Selected pallet moves to the ground.

5. Vehicle drives out and retrieving finished.
The second hospital of Hebei Medical University is the largest grade three first-class general hospital in Hebei province, combined with medical, education, research, health care and first aid. Parktec provided the PSH Two-layer Lift-sliding Mechanical Parking System with 709 parking spaces and effectively reduced the parking problem.

Shanghai Yuexing global shopping mall is the world’s largest commercial complex in the city center, combined with “commercial, tourism and culture”. The total area is 480,000 m². Parktec provided the PSH Two-layer Lift-sliding Mechanical Parking System with 696 parking spaces and effectively reduced the parking problem.

Nantong Wanhao Star City is a modern residential project with the site area about 150,000 m² and total gross floor area 423,000 m². Parktec provided the PSH Two-layer Lift-sliding Mechanical Parking System for it with 1212 parking spaces.

The People’s Court of Xuhui District of Shanghai established in 23rd of September 1952, and located in south-west of Shanghai city center, which is the important legal department of Shanghai. Parktec provided the PSH Two-layer Lift-sliding Mechanical Parking System for it with 130 parking spaces and effectively solved the parking problem of government department.

Guoshishan is a large ecological residential project in Shijiazhuang with the site area more than 900 mu and total gross floor area 1410,000 m². Parktec provided the PSH Two-layer Lift-sliding Mechanical Parking System with 1069 parking spaces, and effectively solved the parking problem of new style housing estate.

Tongfang Co., Ltd. listed in Shanghai Stock Exchange in 1997. Until June 2014, the total assets of the company exceeded 43 billion yuan, and annual revenue reached 23 billion yuan. The brand value of “Tonghua Tongfang” was close to 90 billion yuan, and it lists in the rankings of the top 500 global companies. Parktec provided the PSH Two-layer Lift-sliding Mechanical Parking System for it with 130 parking spaces, and effectively solved the parking problem.

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