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美迪斯智能装备有限公司

MATIZ INTELLIGENT EQUIPMENT CO. , LTD.

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MATIZ
INTELLIGENT EQUIPMENT
美迪斯智能装备

COMPANY PROFILE

MATIZ Group is a state of the art factory located in Nanlang Zhongshan, it has their own R&D department and manufacturing workshop. Matiz factory covers an area of 80,000 square meters and it has a test tower with more than 100 meters of height.

PERFIL DE LA COMPAÑIA

El grupo MATIZ es una fabrica con technologia de ultima generacion localizado en Nanlang Zhongshan, tiene su propio departament de I&D y taller de manufactura. La fabrica de Matiz cubre un area de 80,000 metros cuadrados y tiene una torre de prueba de mas de 100 metros de altura

PCS: Vertical lifting mechanical parking system

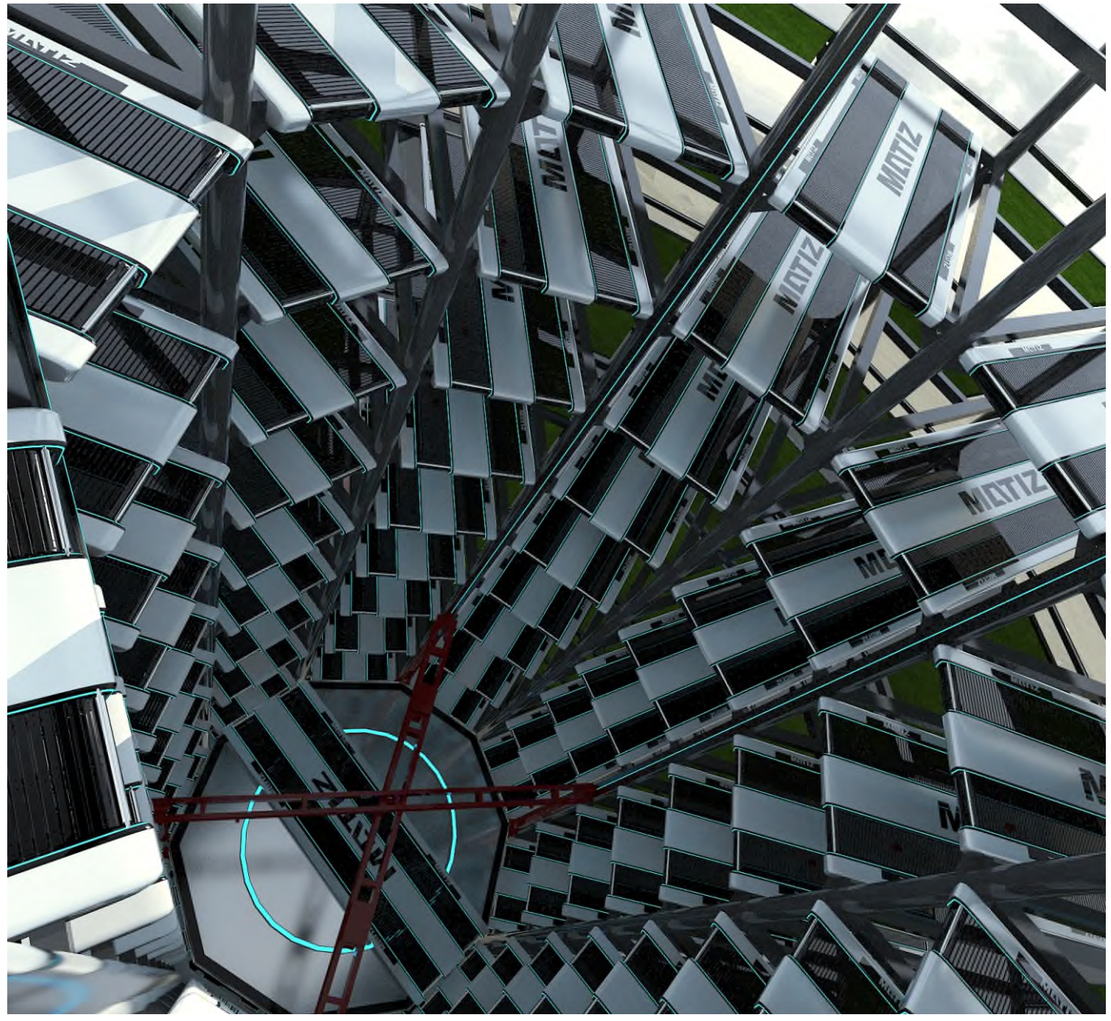
Brief introduction:

PCS tower type parking system can also be called a solid garage tower type or simply parking tower. It provides access to the cars through the circular lifting system which is an elevator and its conveyor belt.

Operation principle:

Parking: Conveyor belts will carry the car from the entrance to the lifting system, then the lifting system will rotate and lift to the car's designated parking place which the combination of the parking floor and parking space after that the conveyor belts will transfer the car from the lifting system to the car's final parking slot.

Pick-up: Conveyor belts will transfer the car from the car's final parking slot to the lifting system then the lifting system will rotate and lower to the entrance level after that conveyor belts will transfer the car from the lifting system to the exit.



PCS: Vertical lifting mechanical parking system

Main parts:

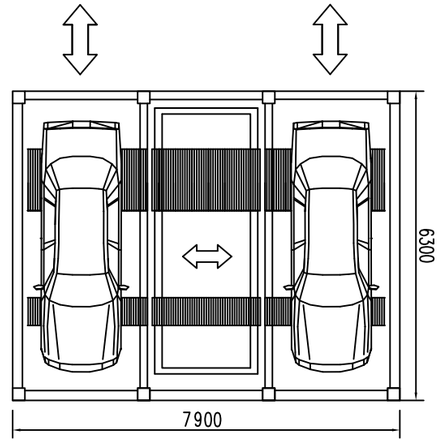
-Steel structure
-Vehicle Parking Places
-Entrance and exit
-High Speed Lifting Structure
-Intelligent transfer vertical
-Mechanical turntable
-Computer control system
-Safety protection system
-Parking fees system (optional)
-Intelligent Surveillance System (optional)

Features:

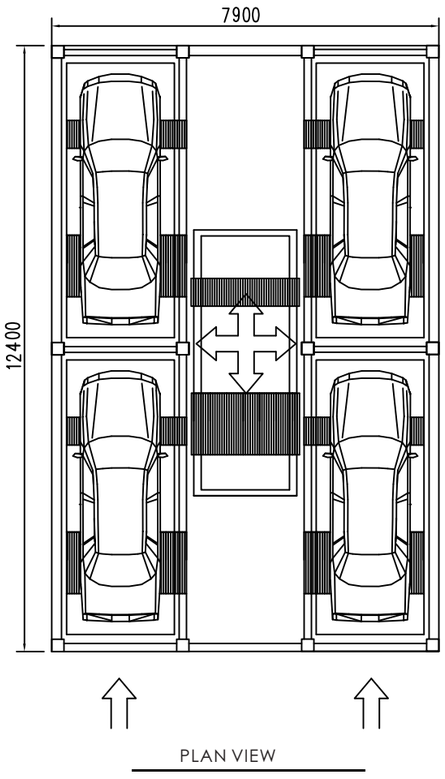
- Energy saving: Less than 0.2 kWh (Kilo Watt hour) to access the car per time.
- Environmentally friendly: Save energy such as petroleum and reduce the carbon footprint during the process of looking for a parking space.
- Save land footprint: The maximum capacity can reach 25 times compared with the land without the parking system.
- Simplicity access: The car's direction will be turned by the PCS tower during the parking process therefore the driver do not need to make any maneuver.
- User friendly interface: Personalized operation, friendly screen, swipe card, RFID control and fingerprint systems is optional.
- Fast Speed: The time is less than 1 minute for access the car.
- Smart system: Smart guiding systems for parking, automatic distribution of the parking space and automatic control system.
- Functional diversity: The cladding can be used for advertisement.
- Entrance and exit: The car parking system can increase the number of entrances and exits in order to avoid congestion during peak hours.
- Safety and reliability: The parking system is a safe place, it protects against theft, and also it includes protection against scratch, drop, water and vandalism.

PCS: Vertical lifting mechanical parking system

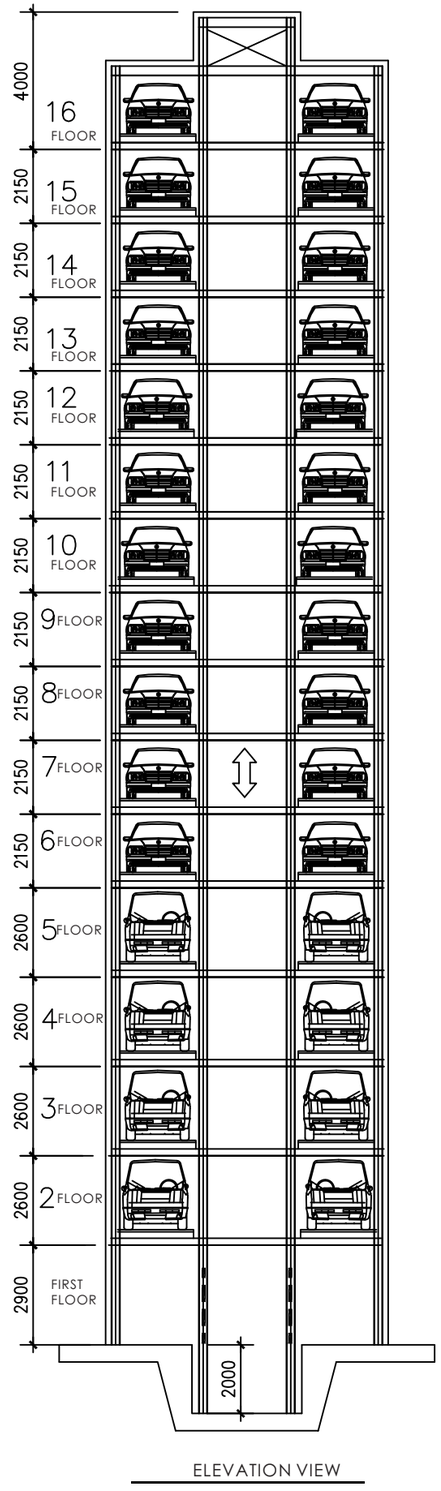
Model	PCS Square-Tower Type	Type	PCS-XD-MTZ2 PCS-XD-MTZ4	Floors	X
Land Space	48/96 Square meter	Time for access the car	=60s(Average)	No. of Entrances and exits	1~4
Available car size	5000*1850*1550/5000*1850*1950mm(L*W*H)			Weight capacity for the car	2000kg
Total system height	(2150*X)+750	Parking space	No.Floor*X-Entrance - exit	Access direction	Front only
Power supply	=80KW AC380V	Consumer equipment	Smoke alarm+water sprayer	Control unit	1
Control system	Computer+PLC Programmable intelligent control system			Operation Type	NFC Card+Automatic charging fee



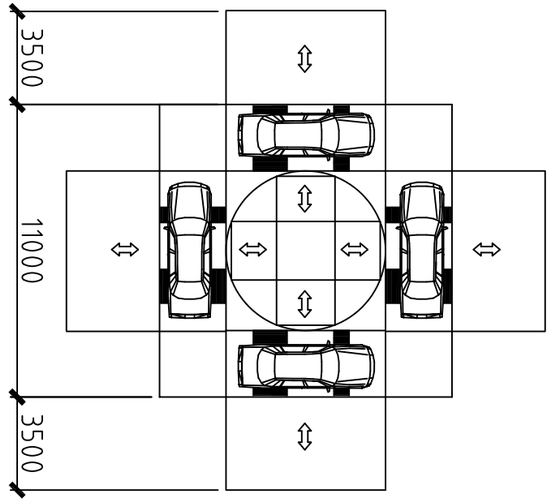
PLAN VIEW



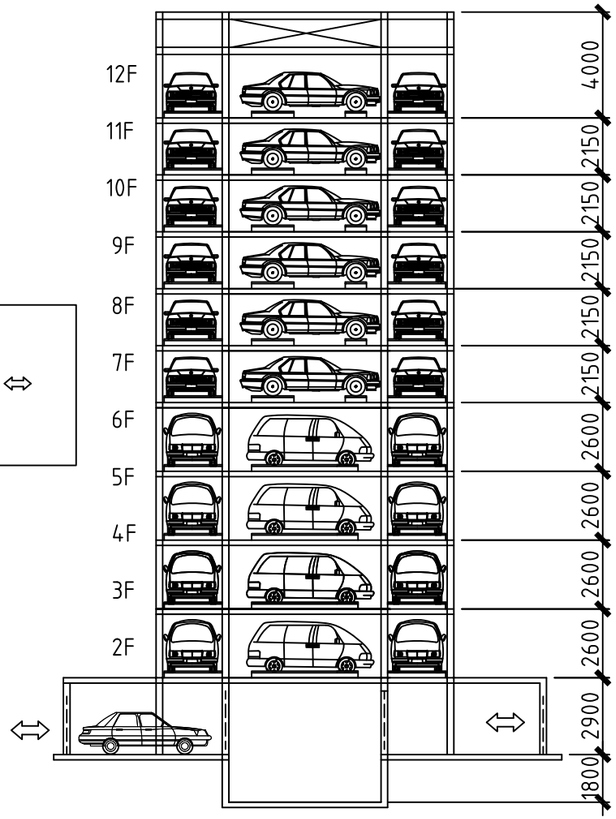
PLAN VIEW



ELEVATION VIEW



PLAN VIEW

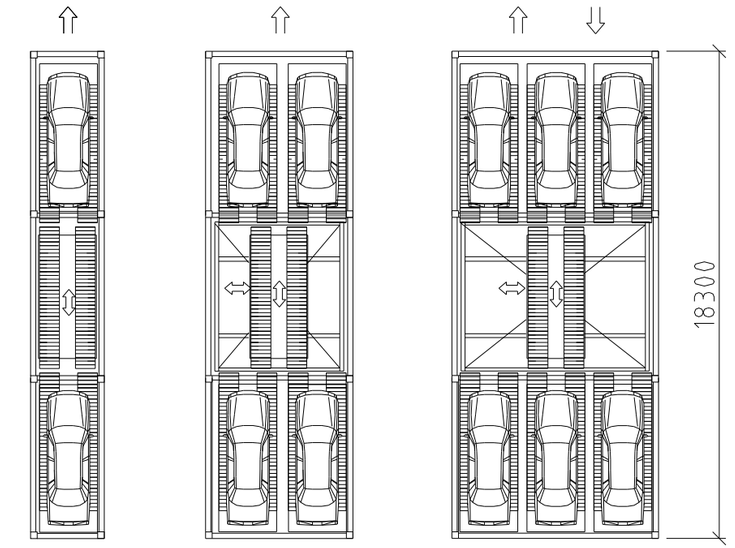


ELEVATION VIEW

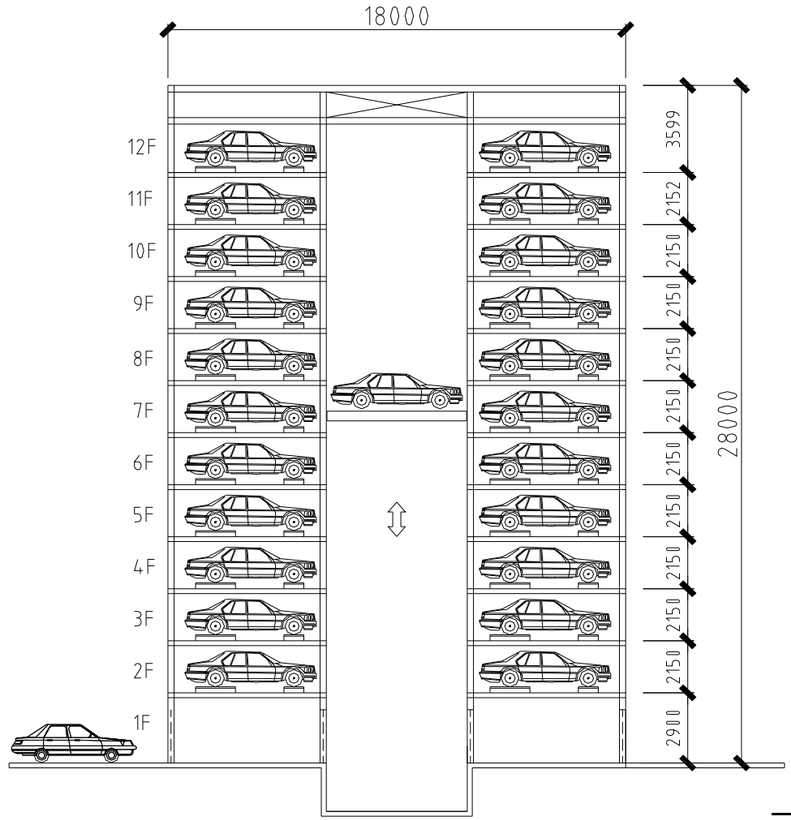
Model	PCS Square-Tower Type	Type	PCS-XD-MTZ4	Floors	X
Land Space	96 Square meter	Time for access the car	=90s(Average)	No. of Entrances and exits	4
Available car size	5000*1850*1550/5000*1850*1950mm(L*W*H)			Weight capacity for the car	2000kg
Total system height	(2150*X)+750	Parking space	4*X-4	Access direction	Front only
Power supply	=80KW AC380V	Consumer equipment	Smoke alarm+water sprayer	Control unit	1
Control system	Computer+PLC Programmable intelligent control system			Operation Type	NFC Card+Automatic charging fee

PCS: Vertical lifting mechanical parking system

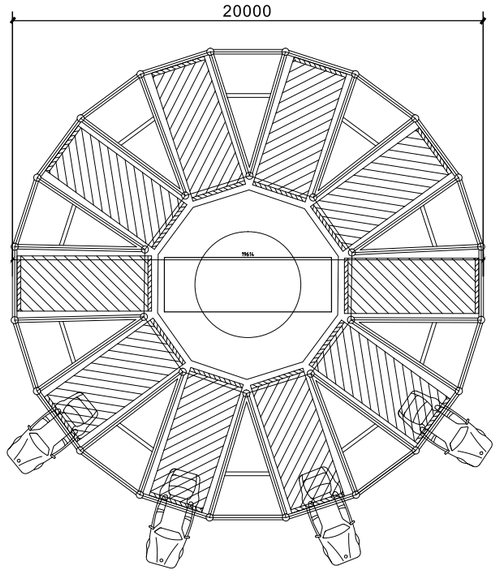
Model	PCS Square-Tower Type	Type	PCS-XD-MTZ	Floors	X
Land Space	290 Square meter	Time for access the car	=60s(Average)	No. of Entrances and exits	2~4
Available car size	5000*1850*1550/5000*1850*1950mm(L*W*H)			Weight capacity for the car	2000kg
Total system height	(2150*X)+750	Parking space	No.Floor*X-Entrance - exit	Access direction	Front only
Power supply	=80KW AC380V	Consumer equipment	Smoke alarm+water sprayer	Control unit	1
Control system	Computer+PLC Programmable intelligent control system			Operation Type	NFC Card+Automatic charging fee



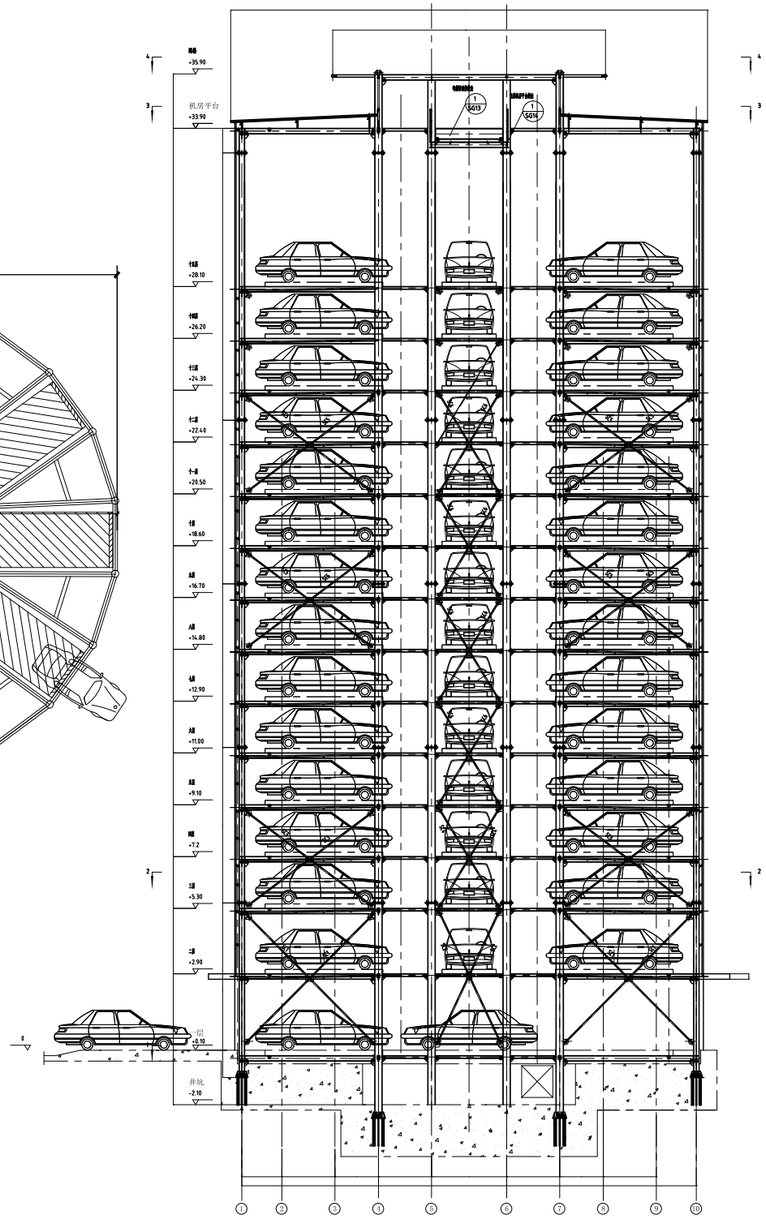
PLAN VIEW



ELEVATION VIEW



PLAN VIEW



ELEVATION VIEW

PCS: Vertical lifting mechanical parking system

Model	PCS Square-Tower Type	Type	PCS-XD-MTZ	Floors	X
Land Space	300 Square meter	Time for access the car	=60s(Average)	No. of Entrances and exits	2~8
Available car size	5000*1850*1550/5000*1850*1950mm(L*W*H)			Weight capacity for the car	2000kg
Total system height	(2150*X)+750	Parking space	No./Floor*X-Entrance - exit	Access direction	Front only
Power supply	=80KW AC380V	Consumer equipment	Smoke alarm+water sprayer	Control unit	1
Control system	Computer+PLC Programmable intelligent control system			Operation Type	NFC Card+Automatic charging fee

PPY: Sliding Mechanical Parking System

Brief introduction:

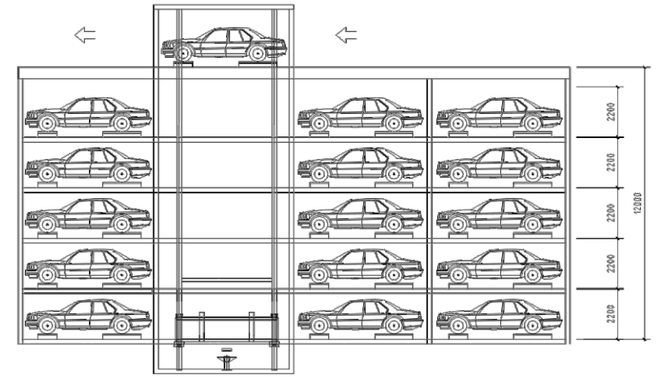
PPY Car Parking System adopts a similar principle and structure of the fully automated warehouse or robotic warehouse. Each floor at least has one traversing system to provide support not only for the cars but also for the vehicle access. The lifting machine can get different vehicle parking floors connected with different entrances or exists. Vehicles only need to be parked in the entrance, and system will manage the process automatically. This Car parking system can meet the needs from 2 floors to 10 floors and it can be located on ground or underground. It also provide a safe place and quick access to vehicles

Main parts

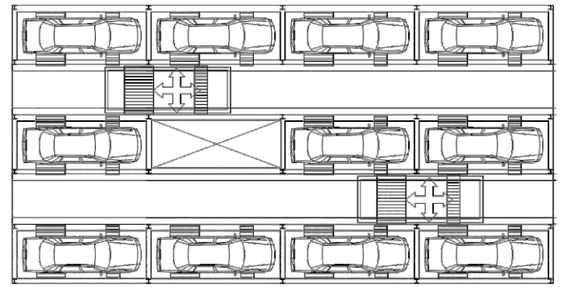
-Steel Structure
-Vehicle Parking Places
-Entrance or Exist
-High Speed Lifting Structure
-Sliding platform
-Computer Control System
-Safety Protection System
-Rotating platform (Optional)
-Parking fees System (Optional)
-Intelligent Monitoring System (Optional)

Features:

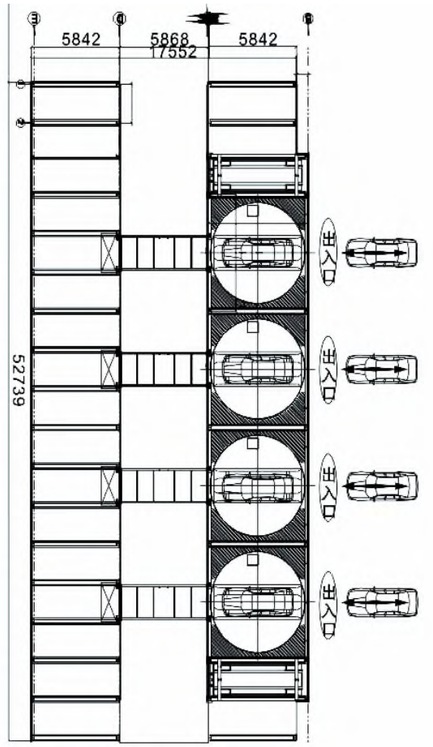
- High intelligence, quick data processing, continuous parking process, high parking efficiency. It can access many vehicles at the same time.
- It can park large amount of vehicles from hundreds to thousands of vehicles.
- It can be located on the ground or underground and it provides quick access to vehicles and do not need to reverse the vehicle as the systems make it automatically.
- Fully enclosed construction, safety is highly assured.
- Less land use, flexible design, low maintenance cost.
- Multiple safety protection to protect people and vehicles.
- Easy operation. It can be managed by an operating automatic or manually.
- Environmentally friendly
- It can park large and luxury vehicles.



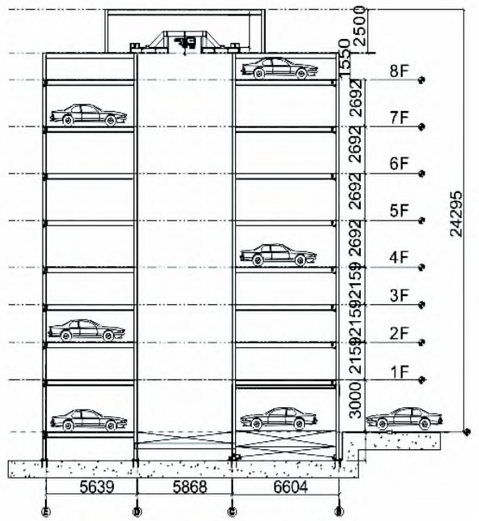
PLAN VIEW



ELEVATION VIEW



ELEVATION VIEW



ELEVATION VIEW

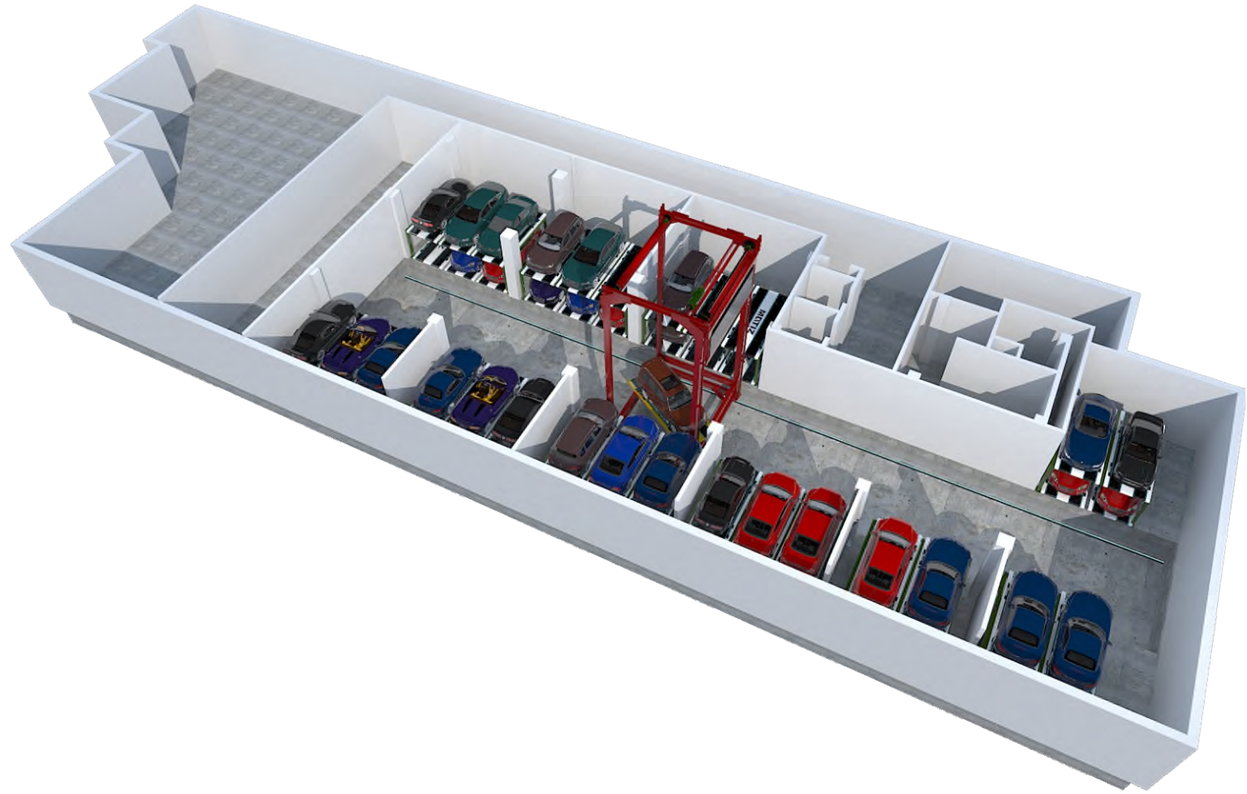
PXD: Aisle-stack mechanical parking system

Brief introduction:

PXD Model is a fully intelligent car parking system. Each system has a horizontal stacker running along the track and also there is a lifting platform on the stacker. The whole system can access the specific vehicle by horizontal and vertical move. The vehicles only need to be parked at the entrance and the systems will automatically arrange a parking slot. This equipment can meet the needs from 2 floors to 7 floors on the ground or underground locations. It also provide quick and safe access to vehicles.

Features:

- Parking: The vehicle is moved from the entrance to the stacker by the conveyor belts then the stacker will move horizontally and vertically to the car's final parking slot. After that conveyor belts will move the vehicle from the stacker to the final car's parking slot.
- Pick-up: The stacker will move horizontally and vertically to the final car's parking slot then conveyor belts will transfer the car to the stacker, after that the stacker will move horizontally and vertically to the exit then conveyor belts will transfer the car from the stacker to the specific exit.



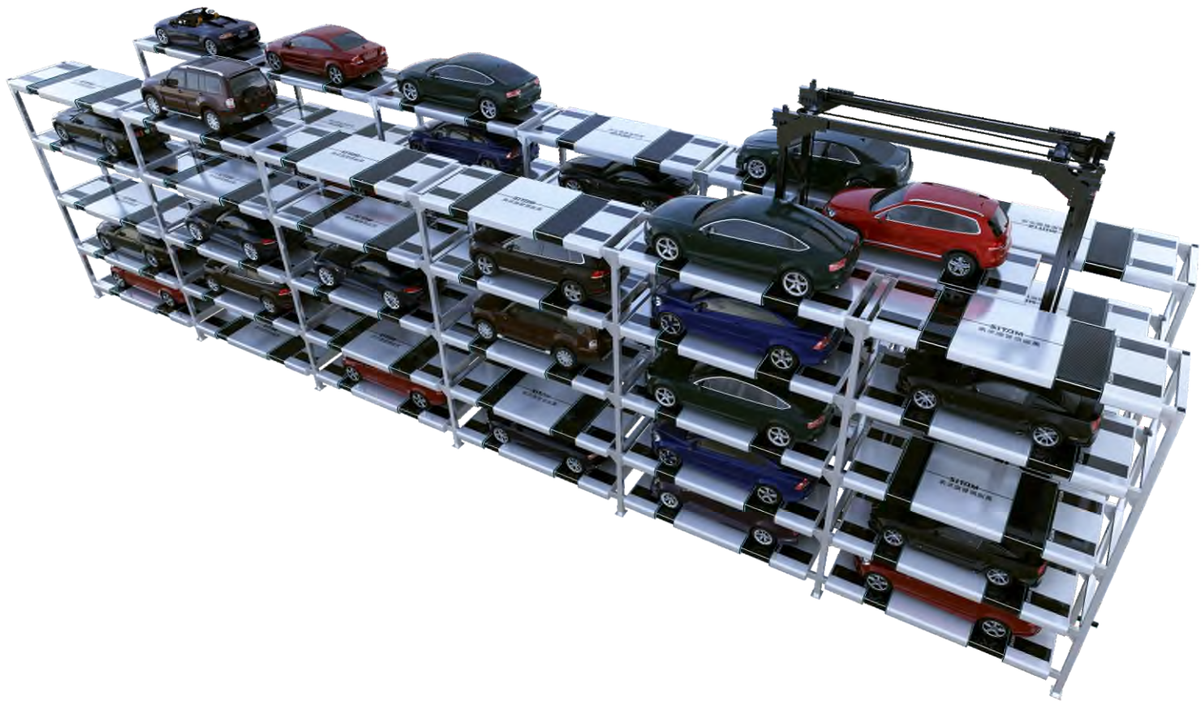
PXD: Aisle-stack mechanical parking system

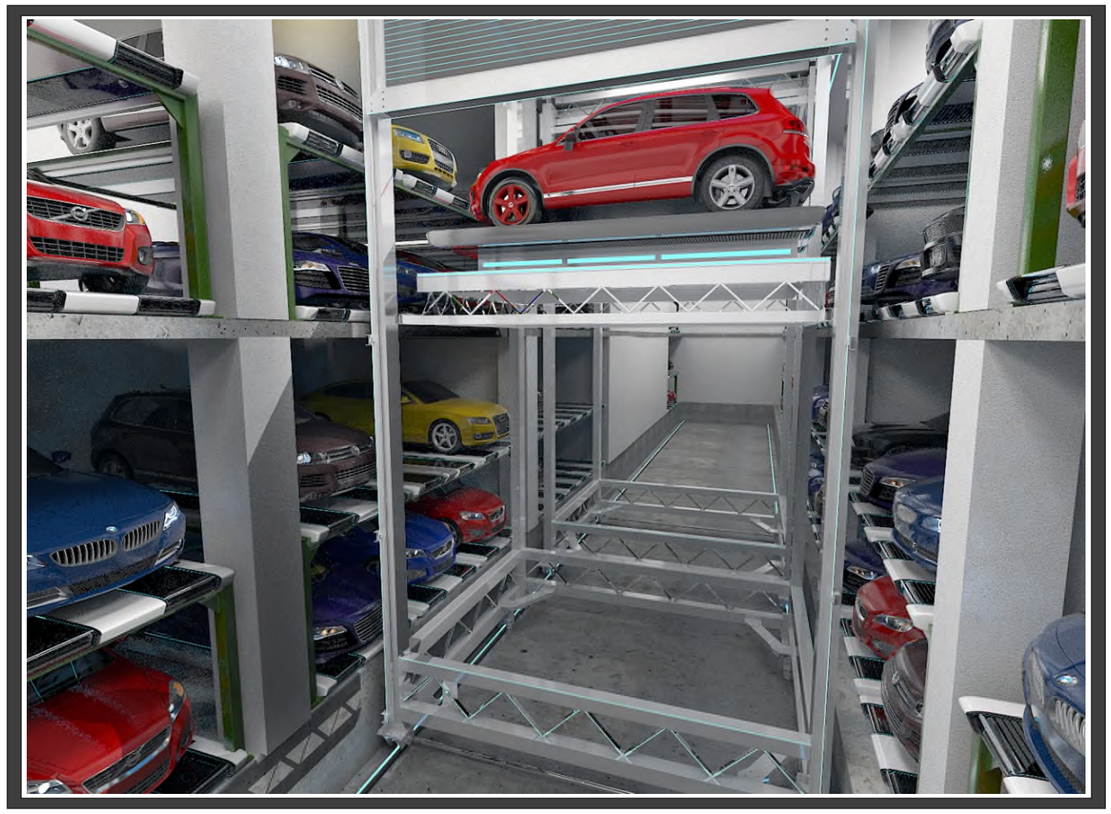
Main parts:

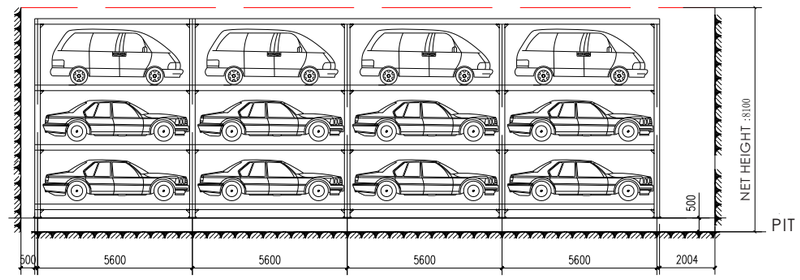
-Steel Structure
-Vehicle Parking Places
-Entrance or Exist
-PXD Stacker
-Intelligent platform
-Computer Control System
-Safety Protection System
-Rotating platform (Optional)
-Parking fees System (Optional)
-Intelligent Monitoring System (Optional)

Features:

- High intelligence and high parking efficiency. It can access many vehicles at the same time.
- It can park large amount of vehicles from hundreds to thousands of vehicles.
- Modular frame design to ensure product's consistency with easy assembly and disassembly features.
- Fully enclosed construction, safety is highly assured.
- Less land use, flexible design, low maintenance cost.
- Multiple safety protection to protect people and vehicles.
- Easy operation. It can be managed by an operating automatic or manually.
- Environmentally friendly
- Maximum vehicle weight up to 2.8 tons. It can park large and luxury vehicles.







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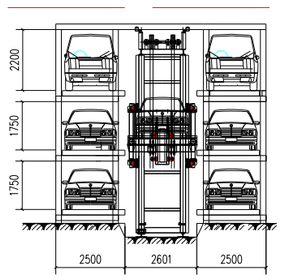
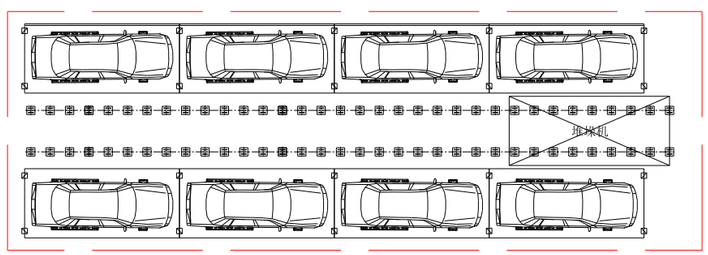
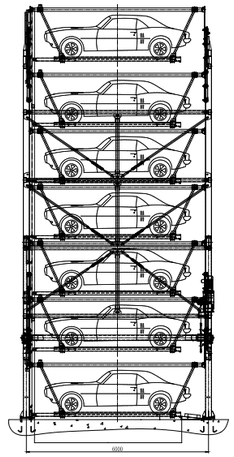


ELEVATION VIEW

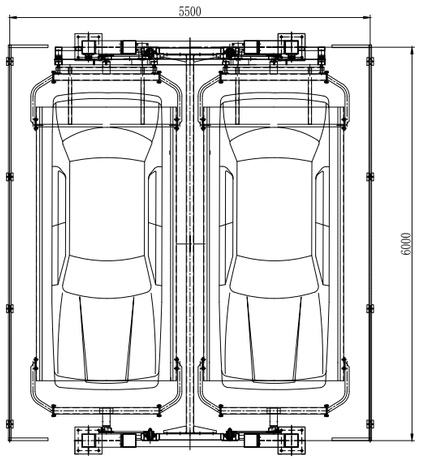


PLAN VIEW

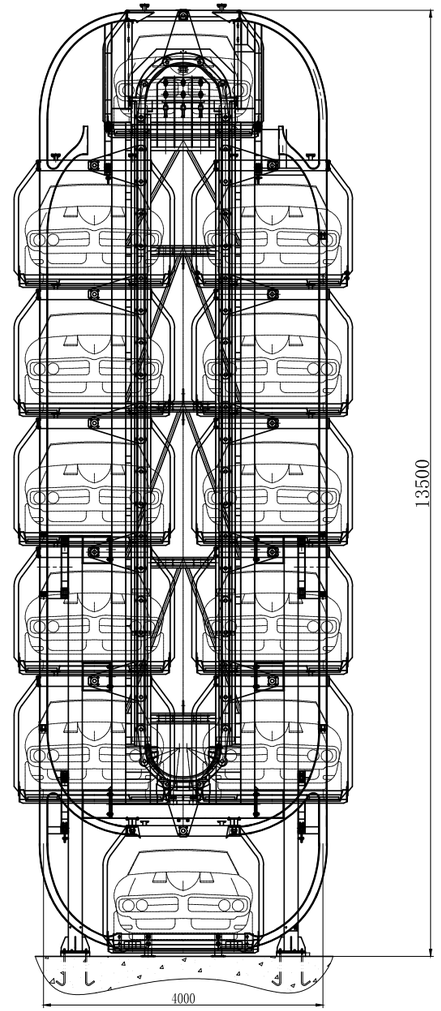
Design size for reference							
	W (mm)						
Tnu	W0	W1	W2	W3	W4	W5	
size	500	2100	4200	6300	8400	2200	
	L (mm)			H (mm)			P (mm)
Tnu	L1	L2	L3	H1	H2	H3	H4
size	5500	5500	1650	300	1950	3200	1700



ELEVATION VIEW



PLAN VIEW



ELEVATION VIEW

PCX: Rotary parking system

Brief introduction:

Rotary parking system adopts the vertical rotative movement to the ground for car's parking and retrieval. A special chain circulate together with the car's platform.

Features:

- Small space occupied.
- Easy operation.
- Efficiently use of land
- Automatic control management
- Short vehicle accessing time.

Model	Rotary parking system	Type	PCS-XD-MTZ	Floors	X
Land Space	32 Square meter	Time for access the car	=85s(Average)	No. of Entrances and exits	1
Available car size	5000*1850*1550 (L*W*H)			Weight capacity for the car	2000kg
Total system height	1.95m/floor	Parking space	(No./Floor*2)-2	Access direction	Reversing
Rotate speed	4.86m/min	Driving mode	Electric chain type	Control unit	1
Control system	Computer+PLC Programmable intelligent control system			Operation Type	Standard buttons; optional IC card

3 FLOOR PSH

4 FLOOR PSH

4 FLOOR PSH PIT TYPE

5 FLOOR PSH

PSH: Lifting-Traversing Mechanical Parking System

Brief introduction:

The PSH Model uses the motor together with the chain or steel rope to move the vehicle's platform by lifting or traversing to access the vehicles. It is famous for its safety and fast efficiency. It is equipped with the completed safety device and control system. It has a simple structure, standardized design, large-scale production and easy operation.

Operating Principle:

The equipment accesses the vehicles by the loading plate through lifting or traversing. Except the lifting aisle, each vehicle place has a loading plate. The ground loading plate can only do the traversing. The middle floors can do the lifting and traversing. The highest floor can only do the lifting. Except the highest floor, other floors will remain one empty vehicle place, which will change according to the loading plate traversing, to facilitate access to other vehicle's places.

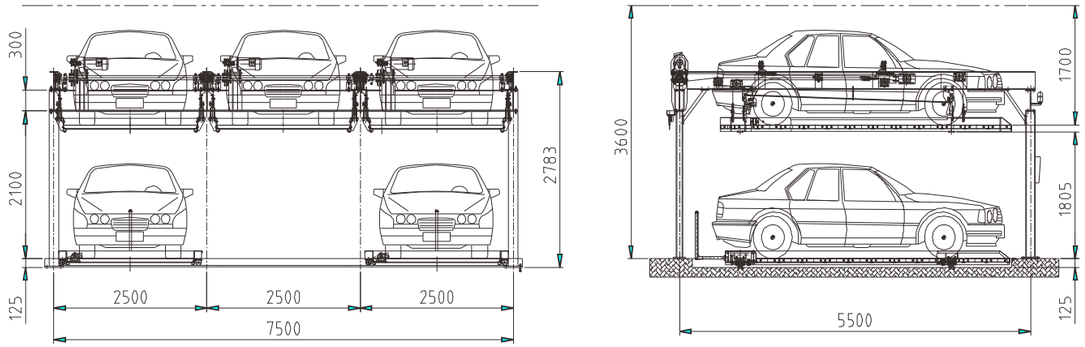
PSH: Lifting-Traversing Mechanical Parking System

Main parts:

-Steel Structure
-Vehicle Parking Places
-Steel structure
-Vehicle Parking Places
-Transmission system
-Control system
-Safety protection device

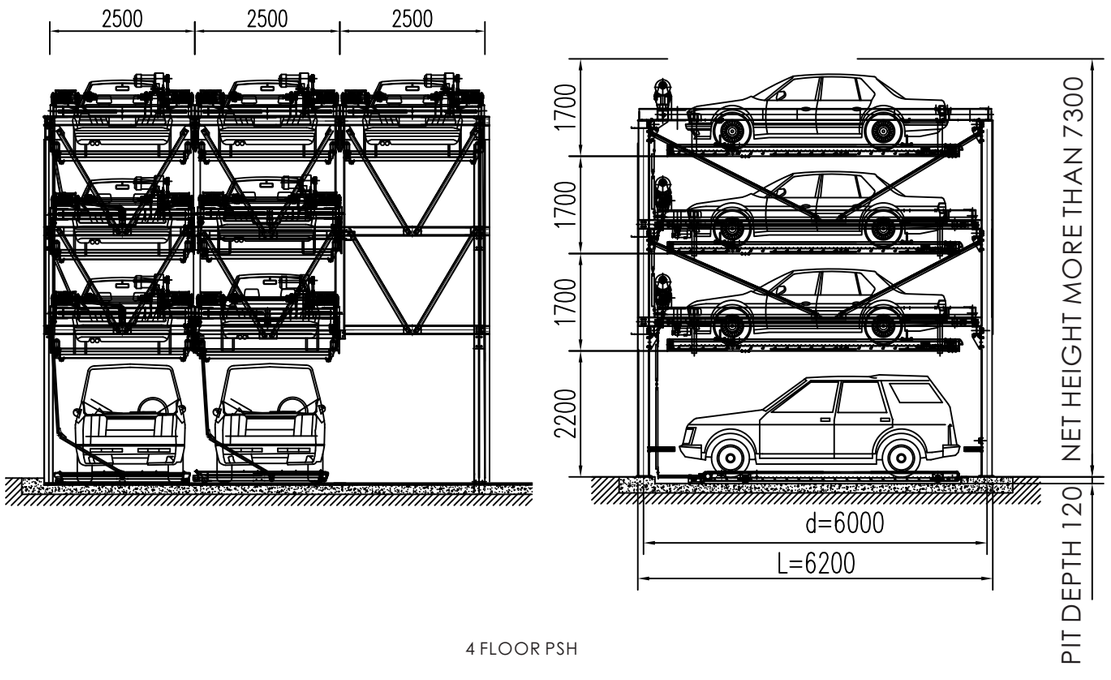
Features:

- Modular design, the number of parking spaces can be from hundreds to thousands. It also can be used for ground and underground parking slots.
- It uses the space in an efficient way, it also increase the parking capacity by several times.
- It has a standard design, robust structure, different protection devices
- Flexible design and layout, it can be built on the ground, underground from 2 to 8 floors, multiple unit combination is available and there are single and double configurations.
- All electrical component are from reputed brands from both domestic and international markets in order to ensure the highest quality.
- There are anti-falling devices located in the upper and lower limits, to ensure the highest security standards.
- Chain lifting and driving system are stable and reliable.
- The system has the following safety devices: anti-falling device, emergency stop button, overload alarm, front switch.
- PLC computer control, simple operation, the use is by button, password, IC card and other operating method for selection.

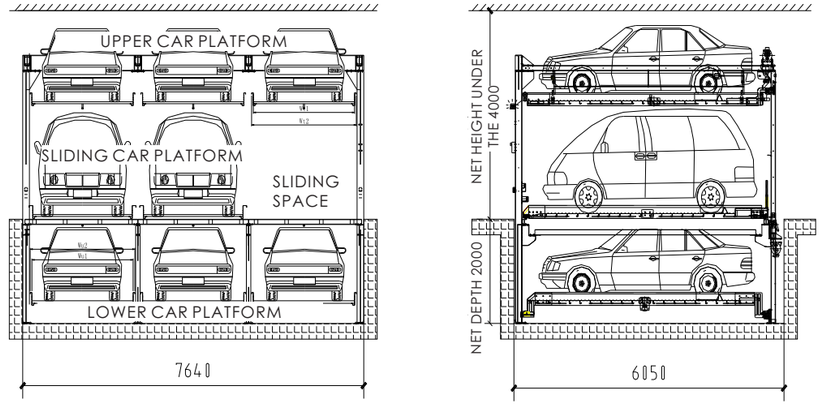


2 FLOOR PSH

Model	2 floors Lift-sliding mechanical parking system	Type	PSH-2D-MTZ	Parking floor	2
Space	Depending of the design	Parking time	=60s(average time)	Entrance& Exit Quantity	Depending of the design
Available car size	5000(L)X1850(W)X1550(H)mm/5000(L)X1850(W)X1950(H)mm			Vehicle Weight	2000KG
Net High under beam	=3650mm	Parking space	(NX2)-1	Access direction	Reverse when is parking, Forward when is leaving
Driving method	Motor –Chain Transmission	Power Capacity	3 phase AC 380V 50Hz	Operation method	Digital Button
Motor	Motor-Lifting	2.2kw	speed	Lifting speed	3.8m/min
	Motor-Sliding	0.2kw		Transverse speed	7.6m/min

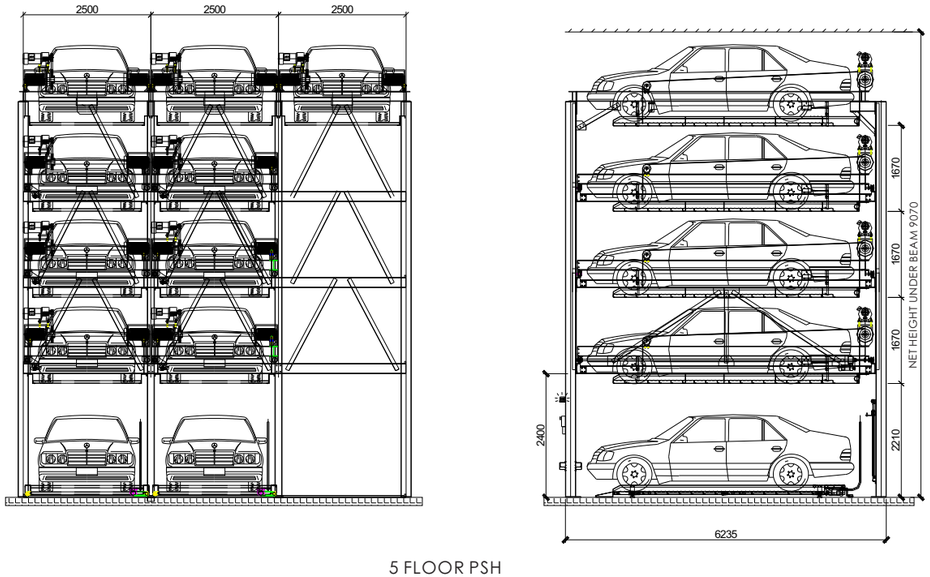


4 FLOOR PSH



3 FLOOR PSH PIT TYPE

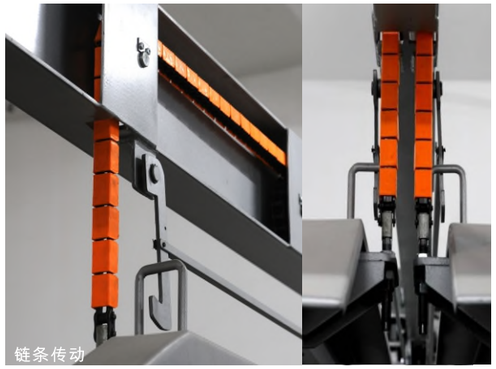
Model	3 floors Lift-sliding mechanical parking system	Type	PSH-3D-MTZ	Parking floor	3
Space	Depending of the design	Parking time	=60s(average time)	Entrance& Exit Quantity	Depending on the partition
Available car size	5000(L)X1850(W)X1550(H)mm/5000(L)X1850(W)X1950(H)mm			Vehicle Weight	2000KG
Net High under beam	=4000mm	Parking space	(NX3)-1	Access direction	Reverse when is parking, Forward when is leaving
Driving method	Motor –Chain Transmission	Power Capacity	3 phase AC 380V 50Hz	Operation method	Digital Button
Motor	Motor-Lifting	5.5/2.2kw	Speed	Lifting speed	3.8m/min 2.5/min
	Motor-Sliding	0.2kw		Transverse speed	7.6m/min

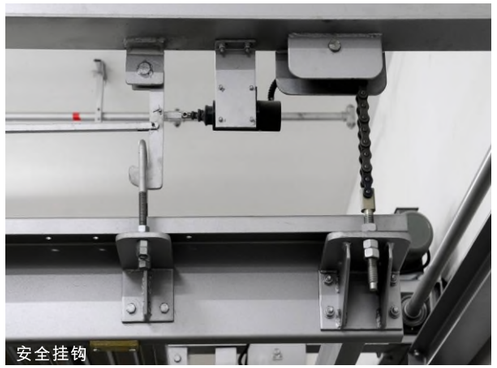


5 FLOOR PSH


钢结构


波浪板


链条传动


安全挂钩


安全检测


载车板


电控箱


专用马达

Steel Structure Section

Design and manufacture is based on the national standard GB50205, it uses 3D and computer assisted design software in order to ensure that all parts are designed and optimized for the projects All the steel pieces are cut by state of the art automated machine which makes the cutting process accurate and precise therefore the final products will have high quality and durability.

Car Loading Panels

As a modular car loading panels, the galvanized panel is rolled in shape by a standardized assembly line with waterproof and anti-slip function, fastened by bolt, high strength, high adhesion, high corrosion resistance, high interchangeability and easy to install and maintain.

Car platform boundary beam

It uses galvanized panel integrated into beam. The unique customized u-shaped car platform girder design improves the strength of the girder. The girder and corrugated board of the car platform is bolted to avoid the possibility of any accident of the personnel by bolts when they are entering or exiting the warehouse.

Driving Mode

The equipment drives the chain (or steel rope) with the motor drive gear, four - point suspension. The safety rate of chain drive is more than 9 times. The transmission mode has many advantages such as safe and reliable, smoothness, low noise, and reasonable lifting position.

Control System

It has the following parts: motor, PLC, contactor, relay, operation panel, travel switch, photoelectric switch, and cables. It uses the motor for lifting and sliding parking equipment. PLC is the electronic device for the control system. The PLC receives the information carried by the electrical signal from their sensors and switches and then the PLC follows its program that was pre-loaded in its memory after that based on that code the PLC sends signals to their actuators such as electromagnetic contactors, relays or alarms.

Safety Devices

The most relevant devices are:
-Automatic Rescue Device
-Chain Loose Detection Device
-Power Brake Device
-Prevent Chain Gear Jumping Device
-Limit Switch
-Phase Sequence Protection Device
-Overload Protection Device
-Electromagnet with Falling Hook
-Mechanical Falling Device

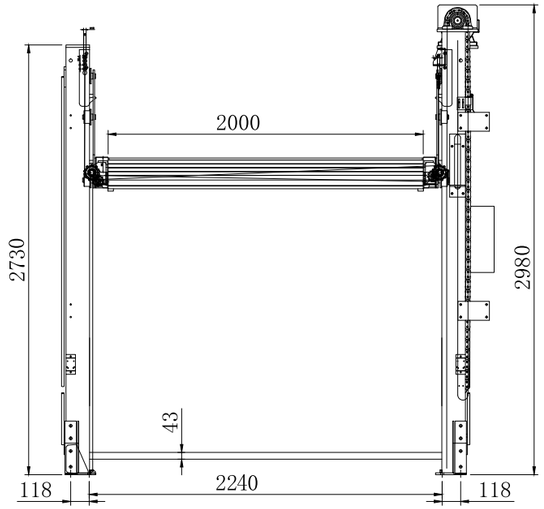
PJS: Mini mechanical parking system

Brief introduction:

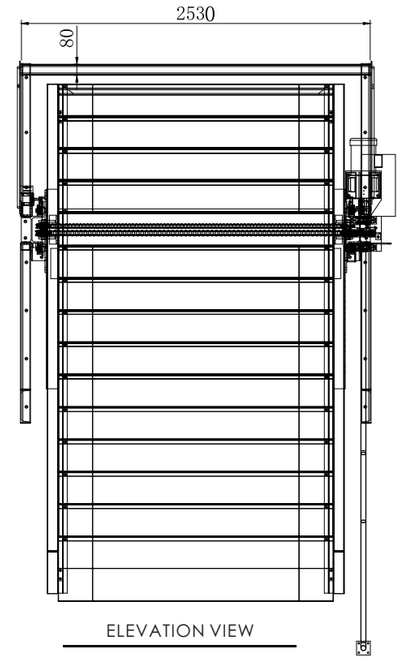
PJS mini mechanical parking system divides parking spaces into upper and lower floors for car depositing or removing by using lifting mechanism or pitching mechanism. This equipment has a simple structure, economic construction cost, short installation time, high performance and easy operation. This type of equipment is widely used in private houses, enterprises and institutions and they are located in basements and other places.
This equipment can increase the parking space by 2 time compared with places without this system.

Main features:

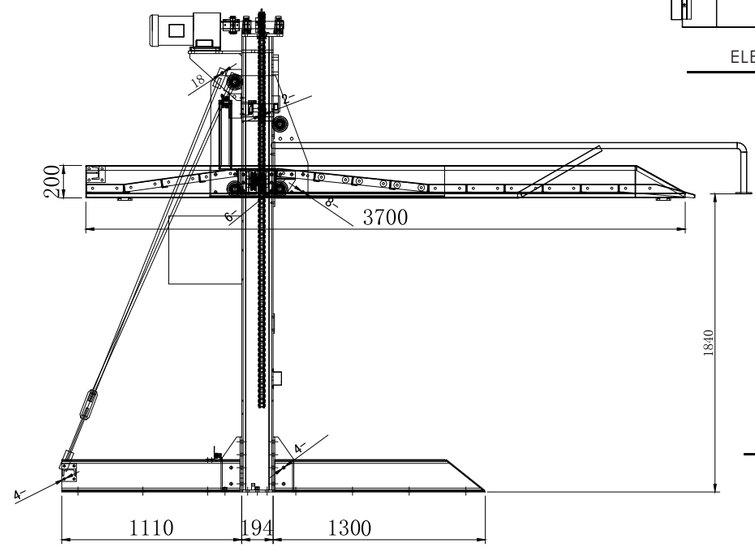
- Simple & Safe
- Low Cost



ELEVATION VIEW



ELEVATION VIEW



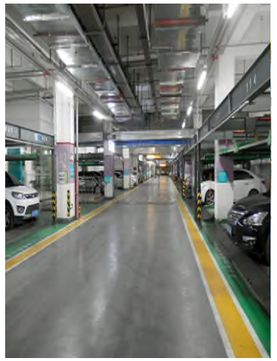
ELEVATION VIEW

Model & Name	Mini mechanical parking system	Lifting Speed & Power	4.9m/min 2.2kw
Parking Spaces	2	Control Method	Relay Control
Available Car Category	Full Sized Car	Operation Method	Button Control
Car Size	5000x1850x1500 5000x1850x1950	Power Supply	3 Phase AC 380V/50Hz
Car Weight	1800kg	Maximum access time	=50s

Relevant projects

The following projects are the most relevant projects that MATIZ has done with their experienced engineers and technicians.

Project Name: Garden Machinery Parking Spaces Safety Engineering
Equipment Model:PSH-2D-MTZ
Parking Space: 380



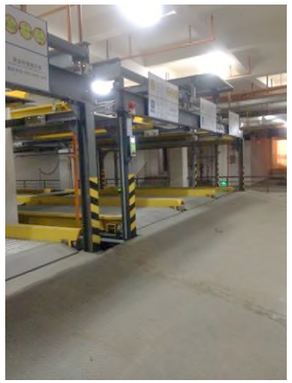
Project Name: Bay Mansion House Car Parking Project
Equipment Model: PSH-2D-MTZ
Parking Space: 352

Project Name: Tianlu Garden Car Parking Project
Equipment Model: PSH-3D-MTZ
Parking Space: 410

Project Name: Kaixuan New City Mansion Car Parking System
Equipment Model:PSH-2D-MTZ
Parking Space: 323

Project Name: Fangcheng Garden Car Parking System
Equipment Model:PSH-5D-MTZ
Parking Space: 130

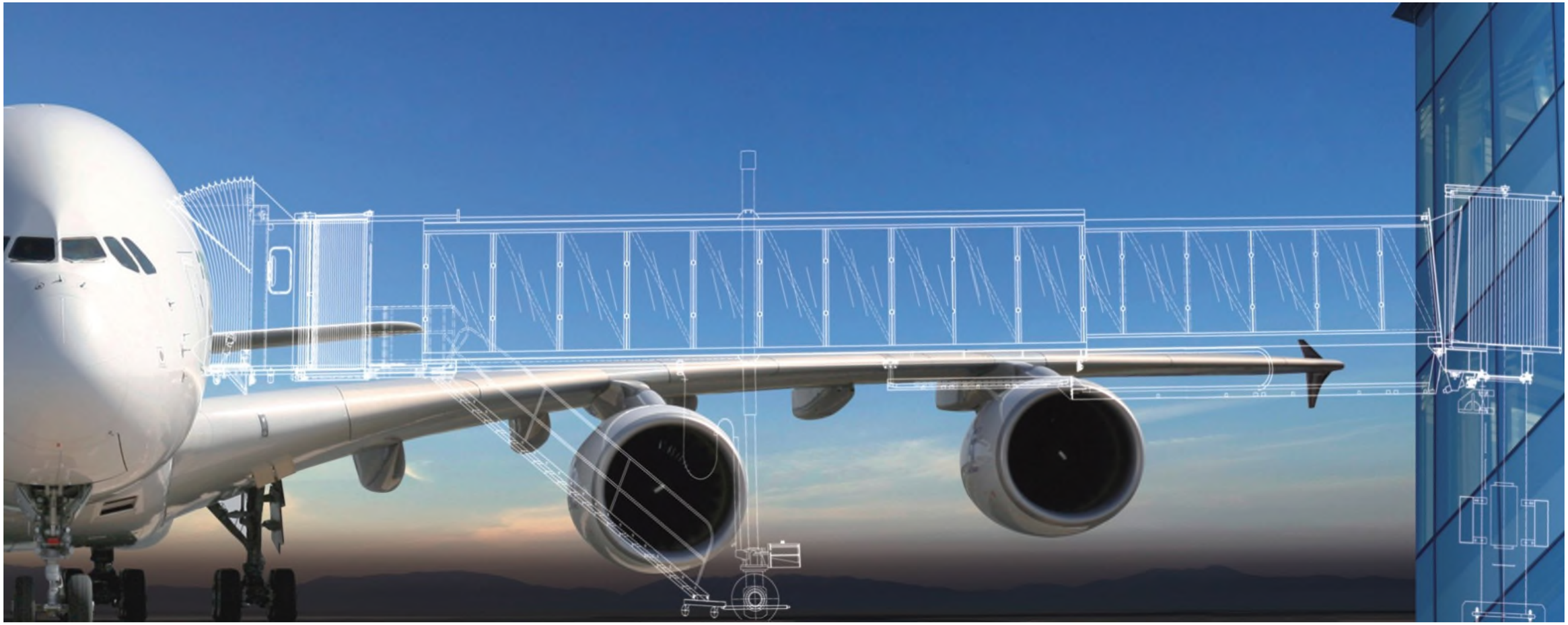
Project Name: Fuhe Residential Parking System
Equipment Model:PSH-5D-MTZ
Parking Space:296



Project Name: Hanlin International Car Parking System
Equipment Model: PSH-2D-MTZ
PSH-3D-MTZ
PSH-4D-MTZ
Parking Space: 408

Project Name: Hengfude Mingyuan Underground Car Parking System
Equipment Model: PJS-2D-MTZ
Parking Space: 360

Project Name: Gema Car Parking System
Equipment Model: PPY-3D-MTZ
Parking Space: 118



Steel Panel Sidewall
Passenger Boarding Bridge

Glass Sidewall Passenger
Boarding Bridge

A380 Passenger
Boarding Bridge

Aero Passenger Boarding Bridge

Brief introduction:

Boarding bridge is a movable lifting channel between airport terminal and aircraft. There are multiple boarding bridges at each airport. One side is connected to one of the boarding gates of the terminal, and the other one side is buckled on the aircraft door. The passenger enters the aircraft through the corresponding boarding gate.

Operating Principle:

The airport passenger boarding bridge has two tunnels one is a fixed tunnel and the other tunnel rotates around the rotunda. When the aircraft is not docked, the tunnel is encased in a fixed tunnel. The tunnel is extended when it comes to pick up the aircraft. The bridge wheel of the cabin drives the bridge to move and rotate in order to complete the docking of the passenger terminal and aircraft.

Aero Passenger Boarding Bridge

Main parts:

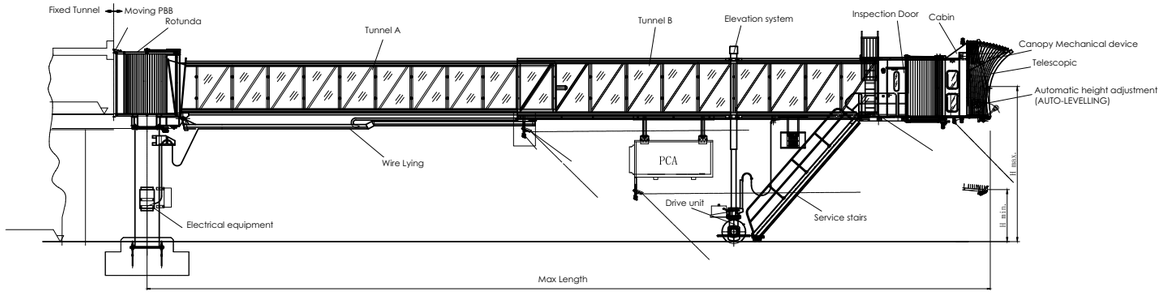
-Column
-Rotunda
-Tunnel
-Cabin
-Elevation System
-Drive Unit
-Service Stairs
-PLC

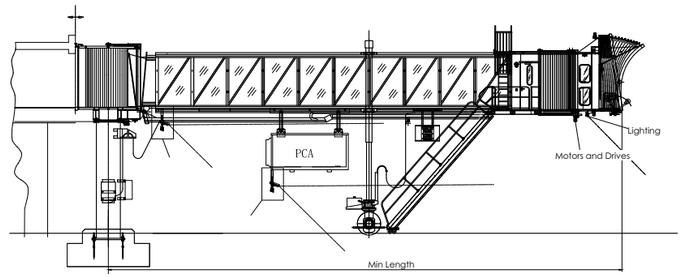
Features:

- Safe and Reliable: The design of the boarding bridge takes into consideration of the safety of passengers, aircraft and boarding bridges.
- Elegant and Durable: 270-degree wide field of vision.
- Energy-saving and Eco-friendly: The whole bridge has no wood structure, and the design takes into account both environmental protection and quality guarantee.
- Adaptable to the environment: It adapts to all kind of weathers and geographical environments.
- Easy maintenance: Maintenance can be accomplished using a lift or an ordinary ladder.
- Low operating costs: It includes parts from the most reputed brands in the world, it has improved quality and low cost.

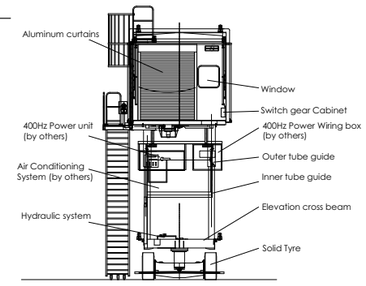
Aero Passenger Boarding Bridge

Type	Rotation Telescopic PBB	Model	TB 35.0/21.5-2	Tunnels	2
Maximum Distance	35meters	Minimum Distance	21.5meters	Round Cabin Diameter	2.44meters
Inner Tunnel	Tunnel A: 1.5(w) * 2.1(h) meter Tunnel B: 1.77(w) * 2.399(h) meter			Round Cabin	2.44meters
Canopy	3.2(w) * 3.02(h) meter	Service door	0.72(w) * 0.21(d) meter	Main Power	63A
Floor load	3.0KN/m2	Roof load	1.2KM/m2	Power frequency	50Hz±5%
Wind load	(Max) 100 km/h (in service) 150 km/h (stored) 220 km/h (gusts)				

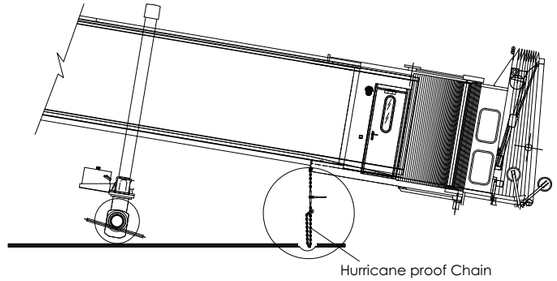


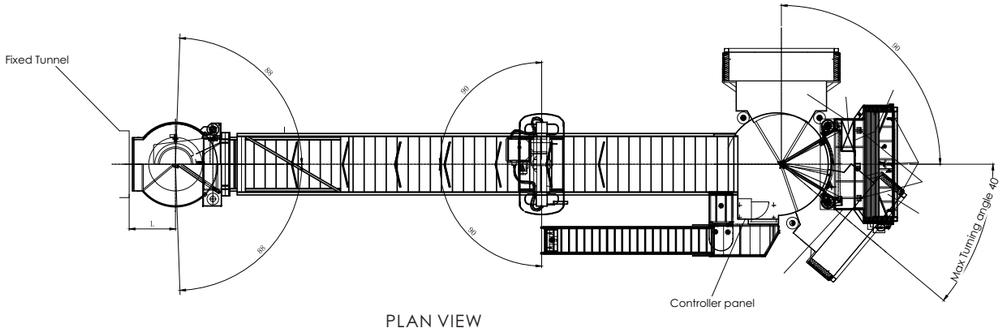


ELEVATION VIEW



ELEVATION VIEW





PLAN VIEW

Seaport Passenger Boarding Bridge

Brief introduction:

The boarding bridge is a mobile boarding equipment used by cruise ships at the port to connect passengers to and from the cruise ship. The passenger boarding bridge serves as a link connecting the cruise ship and the port terminal building and is an important part of the port facilities. Boarding bridge provides an all-weather, comfortable and safe passageway for traveling up and down the cruise ship.

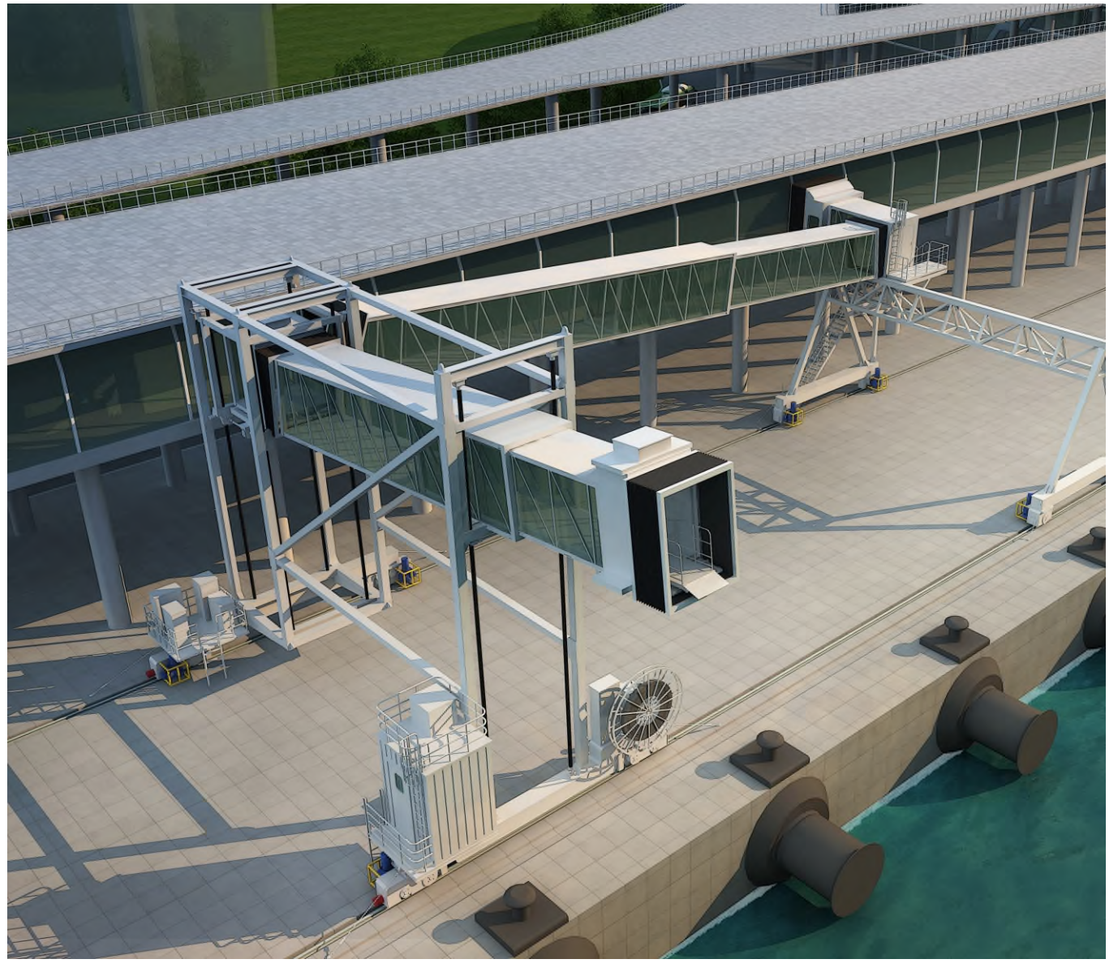
Operating principle:

Frame-type boarding bridge: The main support structure of the passenger tunnel of this type is a large box-beam structure or truss structure. The frame-type boarding bridge can be driven from one end of the quay to the other end along the wagon, easily and flexible.

Airplane PBB type boarding bridge specific for seaport environments: This type bridge is connected with one end of the passenger tunnel through the swing hinge mechanism and the other end is connected with the gantry which is supporting the tunnel. The tunnel of the walking mechanism under the gantry makes the tunnel swing around the column and the telescopic adjustment of the tunnel itself to get the cruise ship connection.

Main parts:

-Column
-Rotunda
-Tunnel
-Cabin
-Elevation System
-Drive Unit
-Service Stairs
-PLC



Seaport Passenger Boarding Bridge

Features:

- All-weather environments: Glass sidewall passenger tunnel, avoid passengers to be exposed to the wind and sunshine in order to achieve comfort and safety on and off the cruise ship. Telescopic canopy and flexible transitional connection protects the docking at the junction from rain. Changing to a membrane structure hood with a landscape effect is also an option for areas with less raining.
- Easy operation: Full automatically integrated and controlled with high rate of reliability. All the operations can be controlled in the docking station console. The docking process with the cruise ship is simple, and the operation is efficient. The telescopic shipboard can automatically follow the hatch height changes and the operator's work intensity is greatly reduced especially for the tidal dock docking of the cruise ship. Automatic monitoring of fault protection and diagnosis facilitates troubleshooting and maintenance works.
- Safe and reliable: Moving bridge can achieve follow-up adjustment and smooth transitional connection, equipped with manual emergency device. In case of power failure or any other emergency, it can achieve emergency return path to recover lap-over ferry and other emergency functions. Lifting mechanism has mechanical lock and double brake protection.
- Adaptability: Large vertical lift strokes adapts to the different hatch height of all kinds of cruise ships. Full berth walking, berthing at any position can connect docking. The port and ferry plate expansion stroke is sufficient and it can adapt effectively to the impact of the ship's outer drift. Customizable according to the local changes in tidal range, pier elevation and reception ship type specific parameters.
- Customized facilities: It uses electricity therefore there is no emissions of waste in the port and the effect of the energy conservation is significant high with relevant economical, practical and environmental impact.
- Flexible configuration: According to the terminal and investment situation, it can be equipped with diesel electric units, open tunnels, remote control devices, emergency landing ladders and other equipment. The walking mechanism can be equipped with tires.

Vertical shore Passenger Boarding Bridge

All-weather accessible, applicable to the open-air square cruise terminal between the cruise terminal and the waiting building. The Vertical shore boarding PBB can share the track with the container handling bridge to meet the multi-functional operation requirements of the site.

Vertical shore Passenger Boarding Bridge

Double tunnels Passenger Boarding Bridge

Double tunnels Passenger Boarding Bridge

Barrier-free ramps / Self-leveling step ladders, applicable of telescoping ferry board, rear docking to the dock corridor.

Combined Passenger Boarding Bridge

Accessible all-weather, the combination of Vertical shore PBB and rotary telescopic PBB, is suitable for the open space on the forefront of the waiting building and the wharf, taking into account the application and functional requirements of the container site operations and the extremely wet areas.

Combined Passenger Boarding Bridge

Vertical Z-type Passenger Boarding Bridge

Vertical Z-type Passenger Boarding Bridge

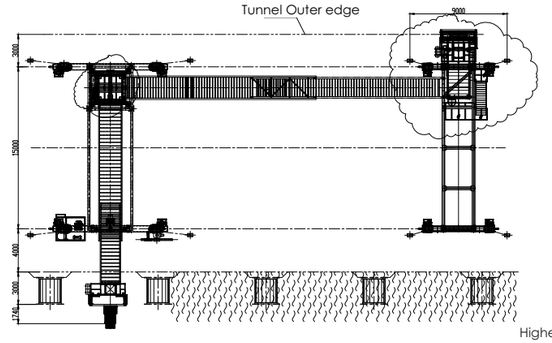
For occasions where the area between the front of the wharf and the waiting building or the corridor is relatively narrow or the venue is small, the passenger tunnel is reentry many times to achieve the customer requirement of reducing the gradient and improving the walking comfort feeling. The shore boarding bridge can share the track with the container handling bridge to meet the multi-functional operation requirements of the site.

L-type Passenger Boarding Bridge

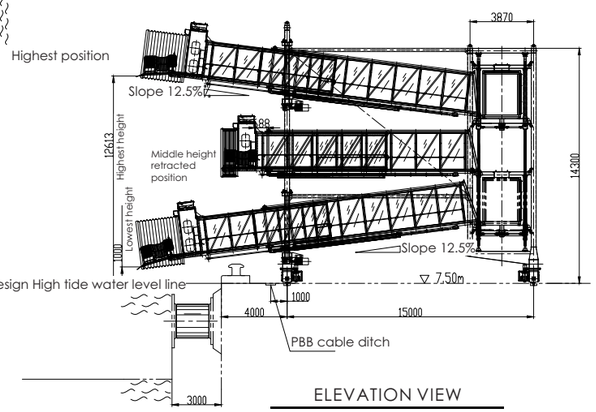
L-type double telescopic tunnels passenger boarding bridge, the successful application of double independent gantry splitting docking technology, long retractable stroke along the shore channel.

L-type Passenger Boarding Bridge

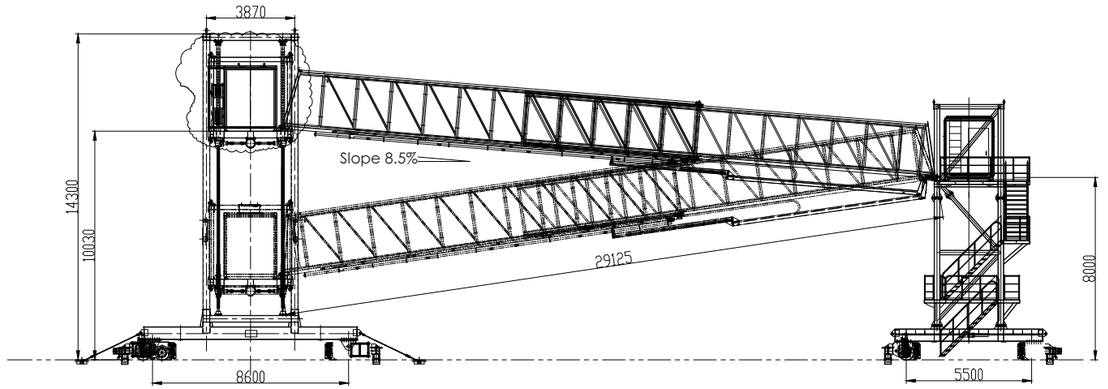
Choose the type of the boarding bridge according to the site layout.



ELEVATION VIEW



ELEVATION VIEW



ELEVATION VIEW

Type	L-type Passenger Boarding Bridge	Model	ML15C	Load Capacity	3.5KN/m 2
Tunnel Slope	Less than 12.5%	Telescopic Travel stroke	3.4m	Ferry Travel stroke	1.6m
Tunnel	0.97m to 12.61m			Height range	11.64 m
Canopy	1.65W x 2.21 H m	Elevating speed	0.02 m/s	Walking vehicle speed	0.35 m/s
Power supply	3 phases 380V 50Hz	Installed capacity	˜140KW	Rail gauge	15m
Base gauge	37.12m				