

**XIZIIPARKING**



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**PPY  
PXD**

**PARKING  
SYSTEMS**



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# CONTENTS

High degree of automation

High space utilization rate

Flexible layout

## 01 /

### PPY

#### PPY ROBOTIC ARM TYPE

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#### PPY PALLET TYPE

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## 02 /

### PXD

#### PXD ROBOTIC ARM TYPE

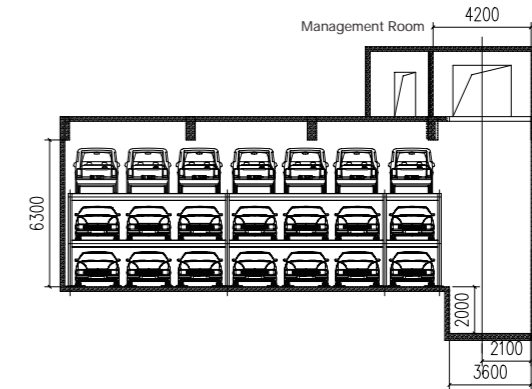
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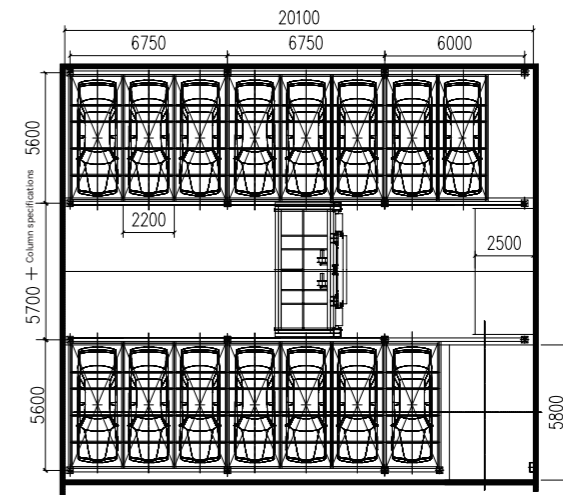
Steel structure

Top entry

Elevations



Vertical view



EFFICIENT VEHICLE STORAGE CAPACITY

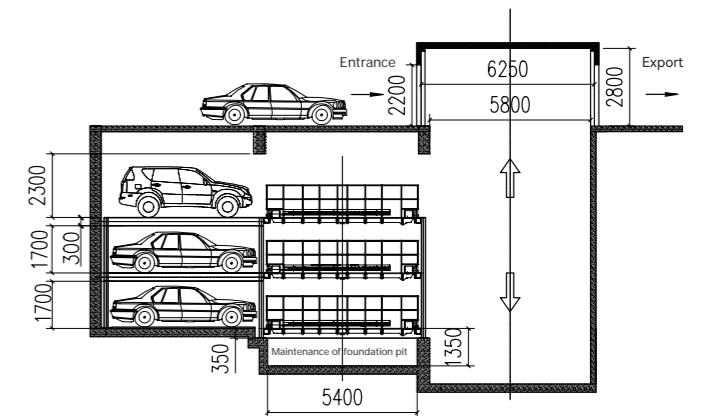
PPY planar mobile products are mechanical parking devices that use a transporter to move cars or loading boards on the same horizontal level, achieving access to cars. Multi story planar mobile parking devices also require elevators to achieve lifting between different levels. The equipment utilizes laser ranging for walking positioning, wireless signal transmission, variable voltage variable frequency (VVVF) drive, and microcomputer control to achieve low vibration, low noise, low cost, and high efficiency operation of the entire garage. It can be equipped with an automatic lifting and rotating device, equipped with advanced navigation instructions, without the need for drivers to reverse, and has a high degree of automation, which has technological advantages that other types of garages cannot match. Suitable for different areas of cities such as airports, stations, and bustling commercial areas.

When there are multiple layers, simultaneous access to vehicles on different layers can be achieved through elevators, transport carts, and car carriers, resulting in high efficiency in accessing vehicles.

Technique Specification	
Mode	PPY robotic arm type
Car	5300mm*1900mm*1550mm 2500kg
	5300mm*1900mm*2050mm 2500kg
Parking Method	Forward in,forward out
Operation Mode	Swipe or Touch screen
Lift speed	20-70m/min
Lift speed	20-70m/min
Motor Power	22KW
Motor Power	4KW
Power supply	3-phase 5-wire 50KVA (Single seat)

Vehicle load of 2800kg, 3000kg can be customized by the request.

Parameter table

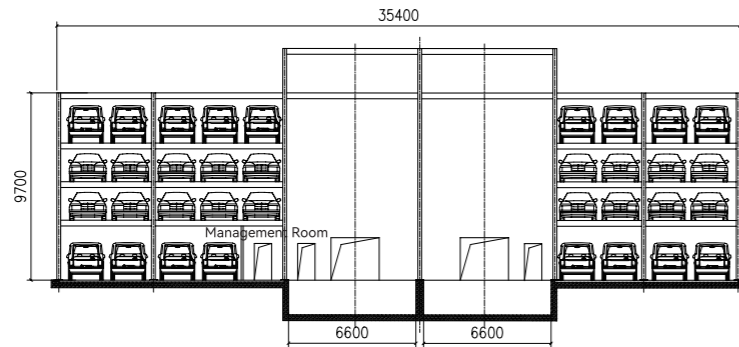


Side view

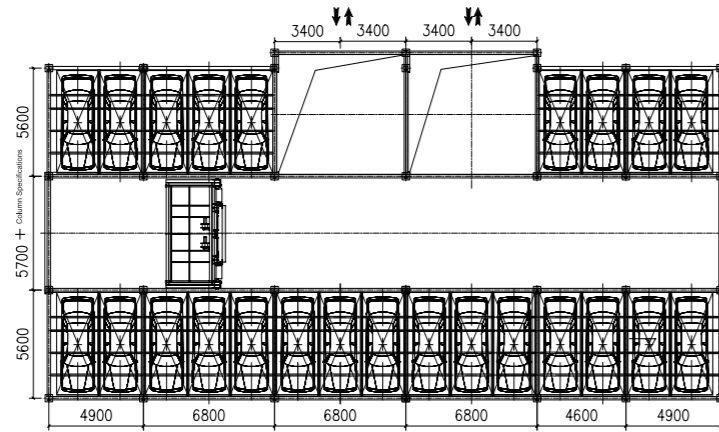
# Steel structure

## Bottom entry

Elevations



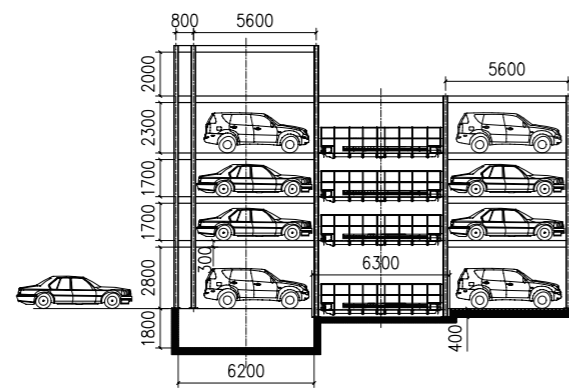
Vertical view



Technique Specification	
Mode	PPY robotic arm type
Car	5300mm*1900mm*1550mm 2500kg
	5300mm*1900mm*2050mm 2500kg
Parking Method	Forward in,forward out
Operation Mode	Swipe or Touch screen
Lift speed	20~70m/min
Lift speed	20~70m/min
Motor Power	22KW
Motor Power	4KW
Power supply	3-phase 5-wire 50KVA (Single seat)

Vehicle load of 2800kg, 3000kg can be customized by the request.

Parameter table

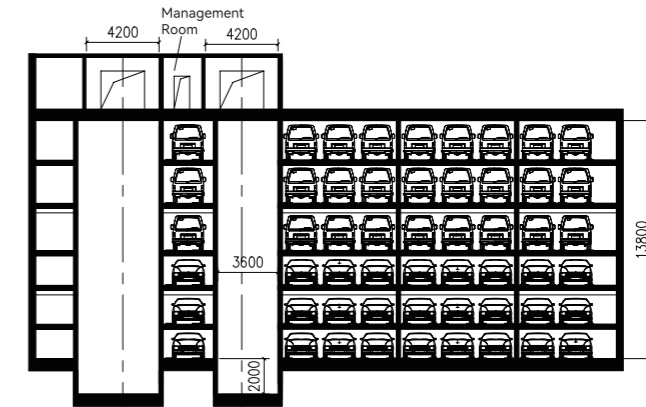


Side view

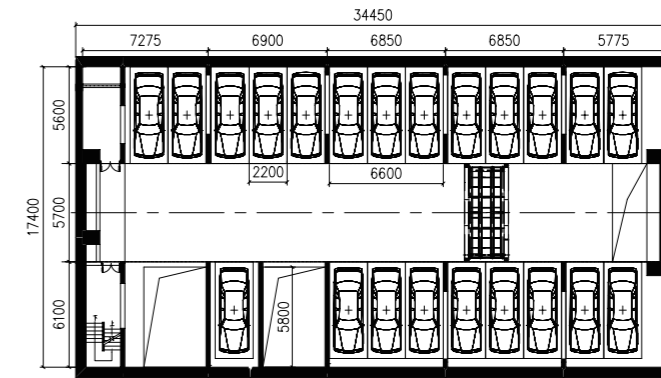
# Concrete

## Top entry

Elevations



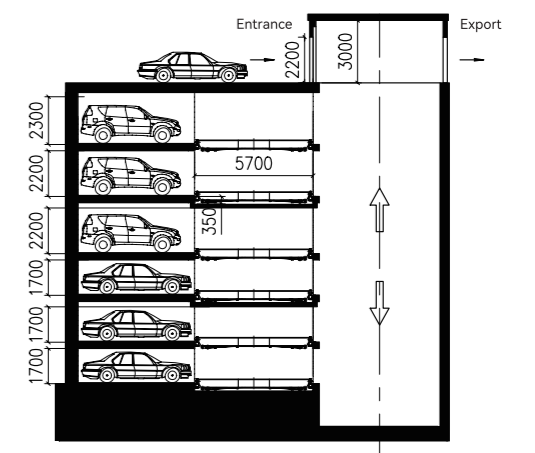
Vertical view



Technique Specification	
Mode	PPY robotic arm type
Car	5300mm*1900mm*1550mm 2500kg
	5300mm*1900mm*2050mm 2500kg
Parking Method	Forward in,forward out
Operation Mode	Swipe or Touch screen
Lift speed	20~70m/min
Lift speed	20~70m/min
Motor Power	22KW
Motor Power	4KW
Power supply	3-phase 5-wire 50KVA (Single seat)

Vehicle load of 2800kg, 3000kg can be customized by the request.

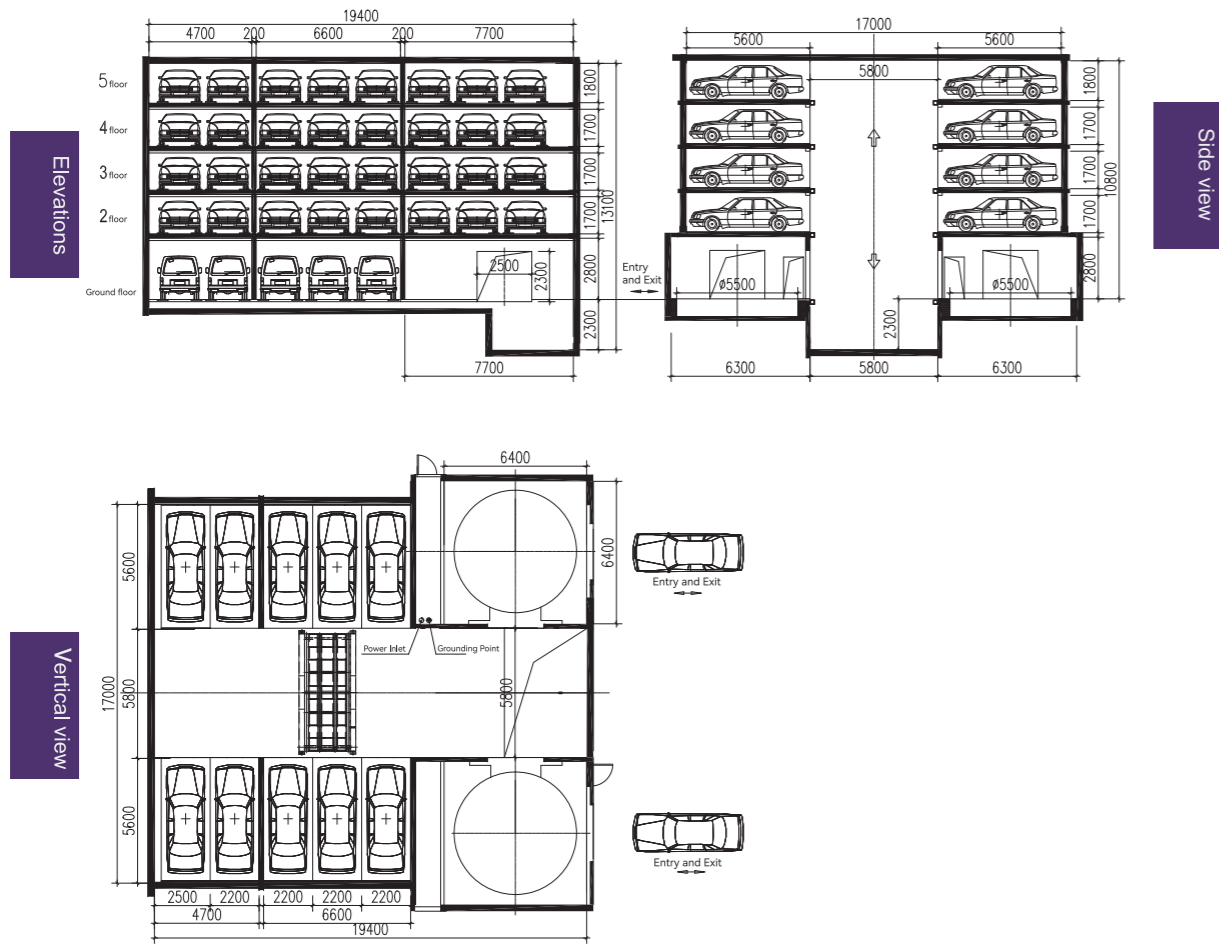
Parameter table



Side view

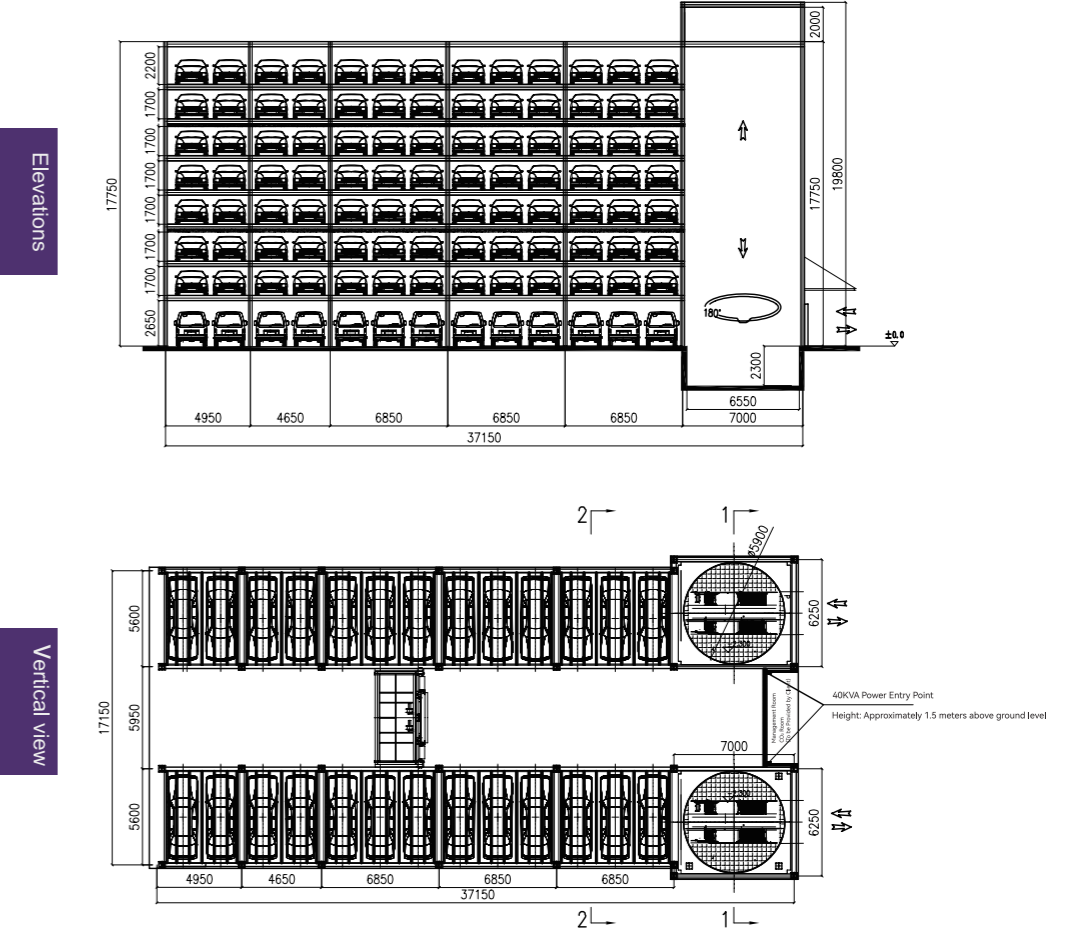
# Concrete

## Bottom entry



# Rotation method

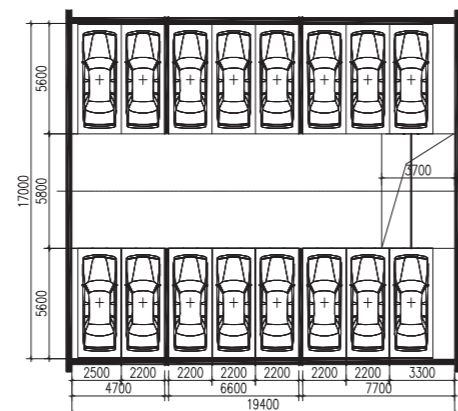
## Car rotation



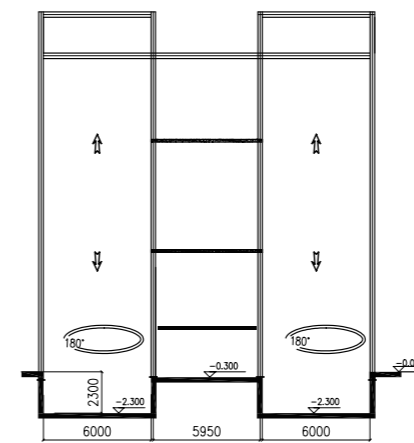
Technique Specification	
Mode	PPY robotic arm type
Car	5300mm*1900mm*1550mm 2500kg
	5300mm*1900mm*2050mm 2500kg
Parking Method	Forward in,forward out
Operation Mode	Swipe or Touch screen
Lift speed	20~70m/min
Lift speed	20~70m/min
Motor Power	22KW
Motor Power	4KW
Power supply	3-phase 5-wire 50KVA (Single seat)

Vehicle load of 2800kg, 3000kg can be customized by the request.

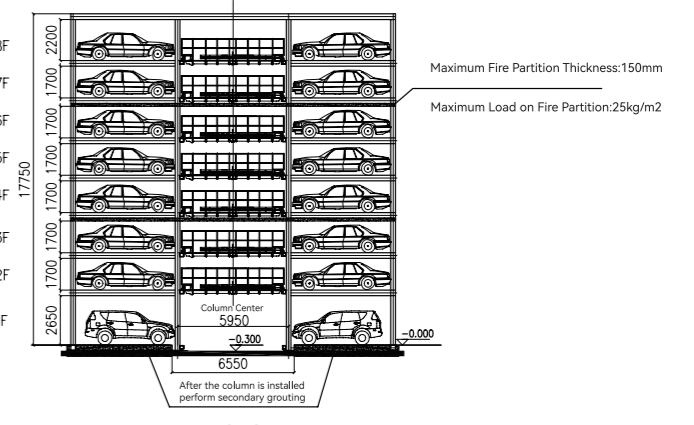
Parameter table



Vertical view



Side view

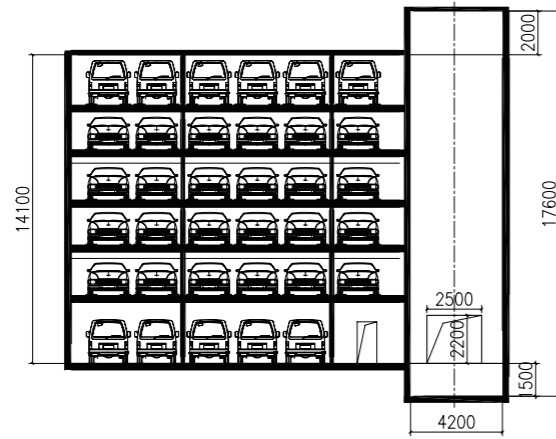


Side view

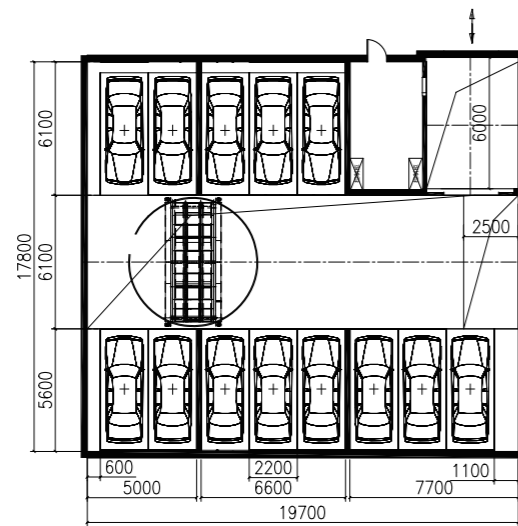
# Rotation method

## Trolley rotation

Elevations



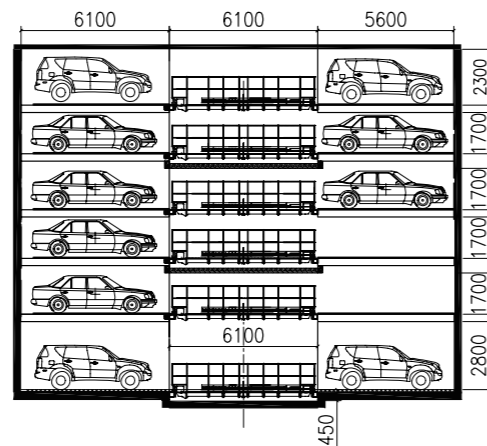
Vertical view



Technique Specification	
Mode	PPY robotic arm type
Car	5300mm*1900mm*1550mm 2500kg
	5300mm*1900mm*2050mm 2500kg
Parking Method	Forward in,forward out
Operation Mode	Swipe or Touch screen
Lift speed	20~70m/min
Lift speed	20~70m/min
Motor Power	22KW
Motor Power	4KW
Power supply	3-phase 5-wire 50KVA (Single seat)

Vehicle load of 2800kg, 3000kg can be customized by the request.

Parameter table

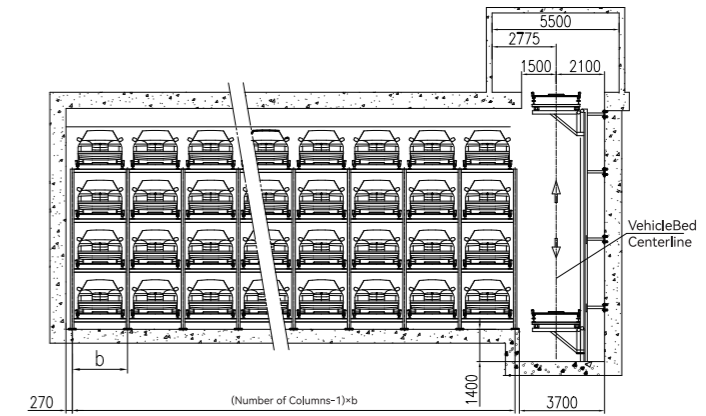


Side view

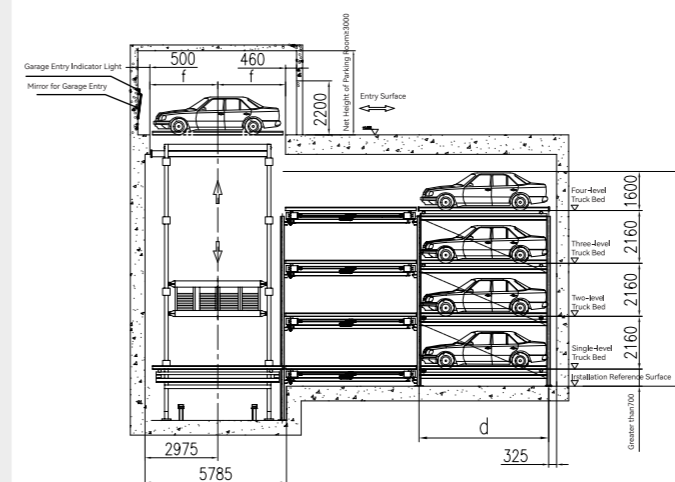
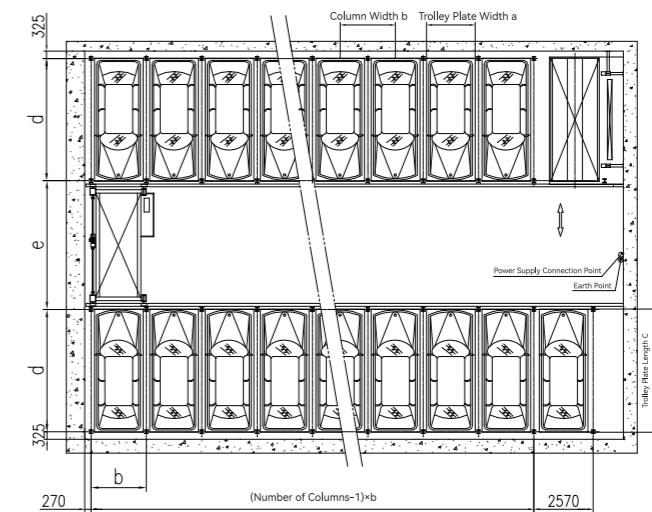
# Vehicle carrying plate

Move the front and rear delivery boards horizontally from left to right

Elevations



Vertical view



Side view

Technique Specification	
Mode	PPY pallet type
Car	5300mm*1900mm*1550mm 2350kg
	5300mm*1900mm*2050mm 2350kg
Parking Method	Forward in,forward out
Operation Mode	Swipe or Touch screen
Lift speed	20~70m/min
Lift speed	20~70m/min
Motor Power	22KW
Motor Power	4KW
Power supply	3-phase 5-wire 50KVA (Single seat)

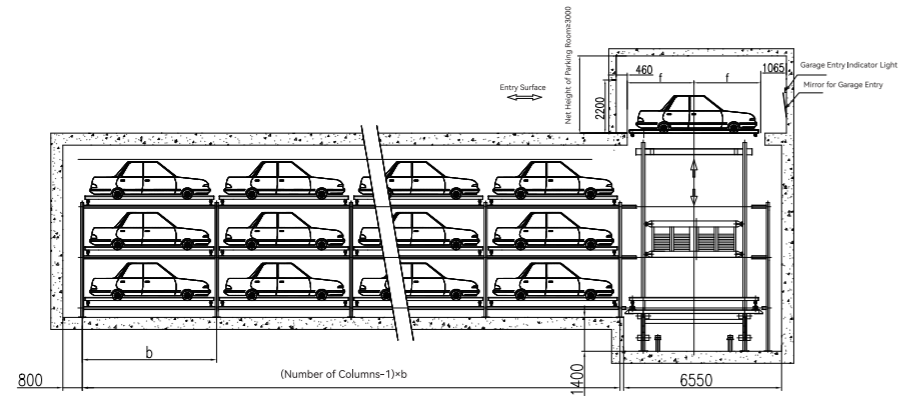
Vehicle load of 2500kg can be customized by the request.

Parameter table

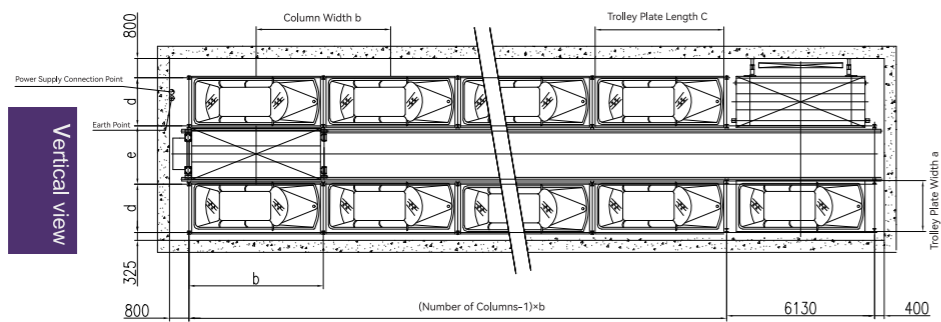
## Vehicle carrying plate

Walking forward and backward  
left and right delivery boards

Elevations



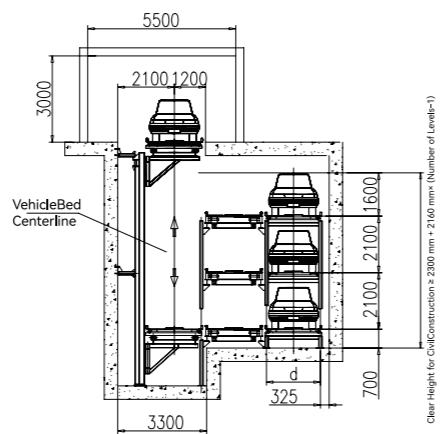
Vertical view



Technique Specification	
Mode	PPY pallet type
Car	5300mm*1900mm*1550mm 2350kg
	5300mm*1900mm*2050mm 2350kg
Parking Method	Forward in,forward out
Operation Mode	Swipe or Touch screen
Lift speed	20~70m/min
Lift speed	20~70m/min
Motor Power	22KW
Motor Power	4KW
Power supply	3-phase 5-wire 50KVA (Single seat)

Vehicle load of 2500kg can be customized by the request.

Parameter table



Side view

# PXD

## PRODUCT DESCRIPTION

There are aisle stackers in the center of the two berths, and the operation of the entire garage is completed by stackers and conveyors. When the car is stored in the warehouse, it stops at the entrance and exit platform. The stacker crane takes the car from the entrance and exit platform, walks and lifts it in the tunnel, and transports the car to the designated parking space. The handlers on the stack transport the car from the stacker crane to the parking space. The stacker crane seamlessly integrates the lifting and walking systems using advanced technology, and is equipped with a frequency conversion control system. Laser ranging is used for walking positioning, and optical communication and wireless signal transmission are used. Realize the function of walking and lifting at the same time to save time, reduce energy consumption, and maximize space utilization.

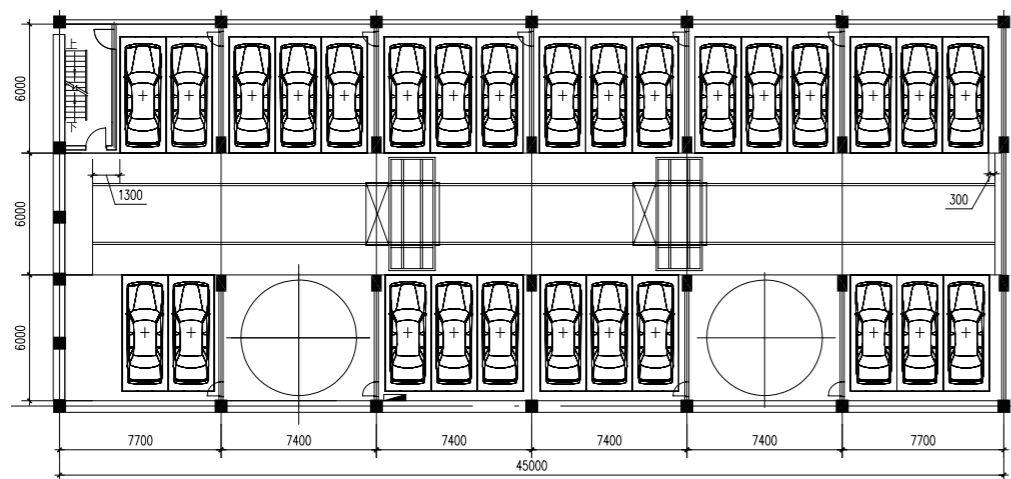
Using the principle of automated warehouse design, a multi-dimensional integrated stacker crane is used to sequentially implement vehicle access actions with high storage capacity.

# FEATURES

# PXD Robot parking

## Top entry

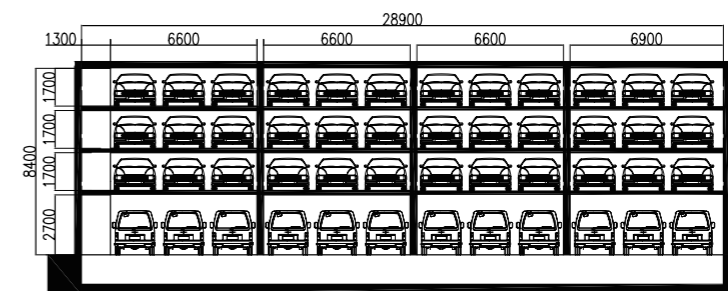
Vertical view



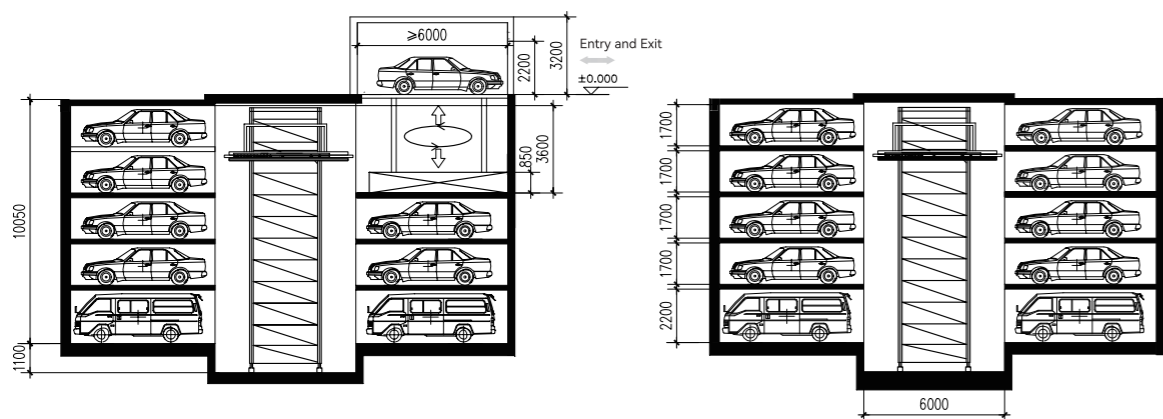
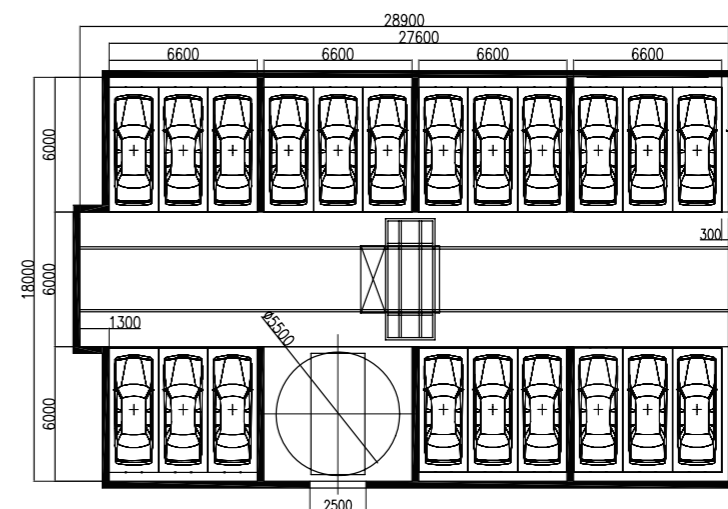
# PXD Robot parking

## Bottom entry

Elevations



Vertical view



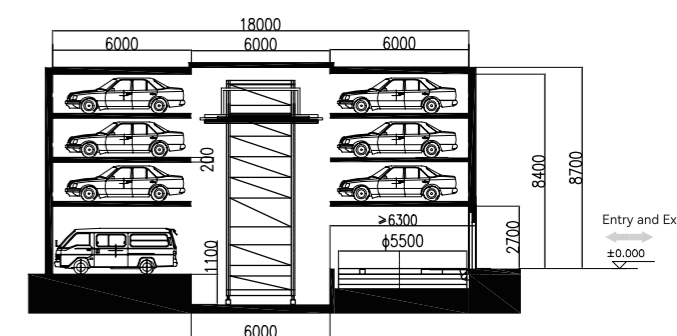
Side view

Side view

Technique Specification	
Mode	PXD robotic arm type
Car	5300mm*1900mm*1550mm 2500kg
	5300mm*1900mm*2050mm 2500kg
Parking Method	Forward in,forward out
Operation Mode	Swipe or Touch screen
Lift speed	20~70m/min
Lift speed	20~70m/min
Motor Power	22KW
Motor Power	4KW
Power supply	3-phase 5-wire 50KVA (Single seat)

Vehicle load of 2800kg, 3000kg can be customized by the request.

Parameter table



Side view



YONGOING SQUARE



TIANJIN KANG-TING KANGHUI HOSPITAL



DAHUA HOTEL

DAHUA HOTEL



JINAN SHUNTAI SQUARE





WEST RAILWAY  
SOUTH SUBURB  
RESIDENTIAL  
COMMUNITY



WENZHOU WAN-  
SONG PARK  
SHANJIAO SOCIAL  
PARKING LOT



SHANGHAI SIXTH  
PEOPLE'S HOSPI-  
TAL



HANGZHOU  
HUAPU WEST  
PARKING LOT





HOSPITAL OF  
GUANGXI UNIVERSITY  
OF TRADITIONAL  
CHINESE MEDICINE



HAILAR DISTRICT  
PEOPLE'S HOSPI-  
TAL



GAOSHAN STREET  
INTELLIGENT PARK-  
ING BUILDING



NANCHANG  
TIANQUAN  
WATER CAPITAL





Singapore  
Sims AVE



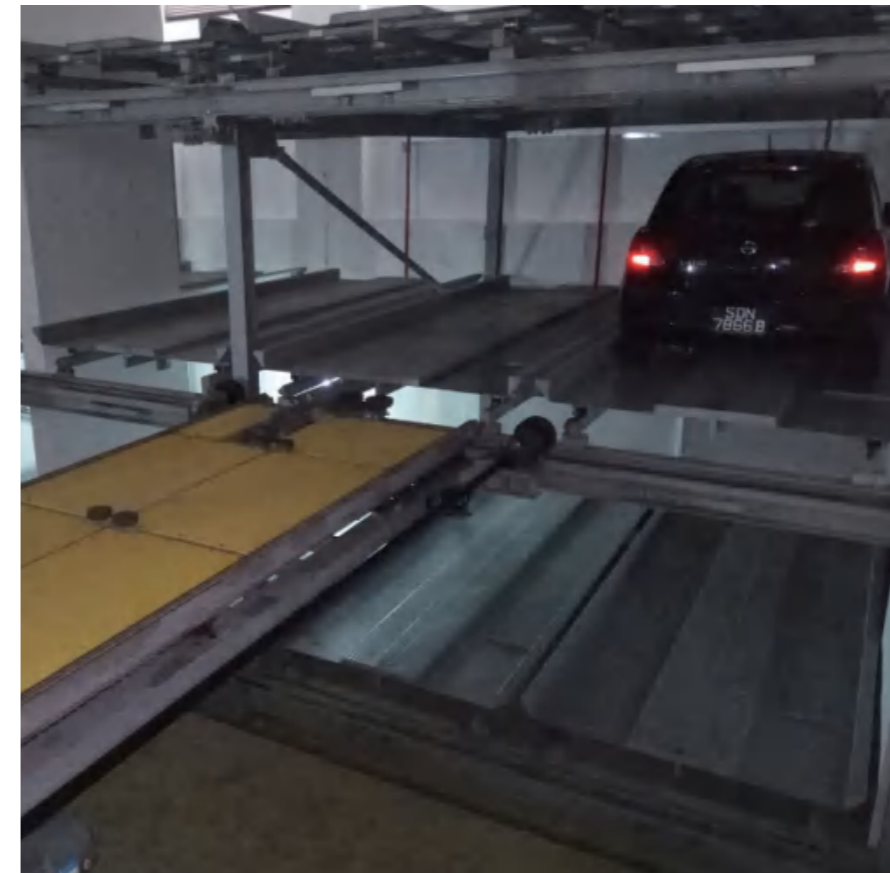
Singapore  
Tembeling Road



Singapore  
16 Amber Road



Singapore  
102 Changi Road





Singapore  
Lorong 28 Geylang



Russia  
Mariinsky Theater



Malaysia  
MP2236 project

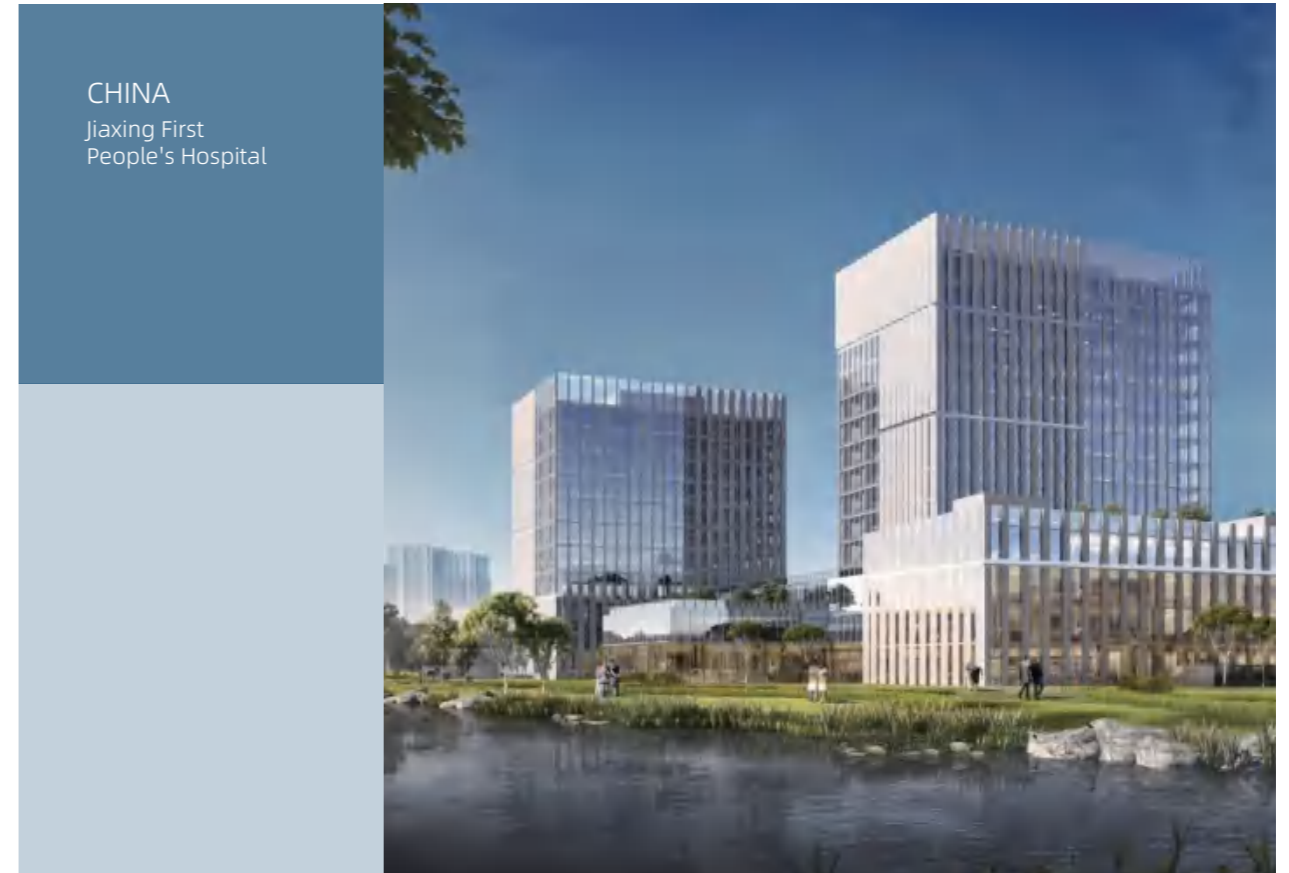


Thailand  
Conner Ratchathewi project





CHINA  
Yantai Port



CHINA  
Jiaxing First  
People's Hospital



CHINA  
Chongqing  
CCCC Auto Expo



Singapore  
Telok Kurau project



Singapore  
Kim Yam Road



Singapore  
8 Lor 25A Geylang  
Project



Malaysia  
MP820

