许继停车系统有限公司
XJ Parking System Co.,Ltd

Brainpower Parking System

智能化停车系统

始终立足于客户需求，
不懈为客户创造价值并带动成功。

Brainpower

Parking System

许继停车系统有限公司始于1995年，是国内最早从事机械式立体停车库建设的专业公司之一，已经形成了从规划、设计、设备引进、制造、安装、调试和售后服务等一条龙的完整体系。公司致力于全自动机械立体停车库的推广和应用，并在国内首先推广具有当今世界先进水平的仓储式全自动车库设备，使人们对全自动机械立体停车库有了新的认识。

十年耕耘，十年磨砺，许继停车系统公司从无到有，从小到大，在创新中发展，在发展中不断创新，实现了多个行业第一：

第一个开发巷道堆垛式车库；

第一个推出平面移动车库；

第一个推广具有当今世界先进水平的仓储式停车设备；

第一个通过ISO9000质量体系认证；

第一个获得国家火炬计划项目；

第一个获得国家质量技术监督总局颁发的机械式停车设备设计、生产资质、安装资质、维修保养资质；

公司为中国机械停车协会副理事长单位、中国停车管理委员会会员及建设部停车技术开发与推广中心成员，并获得由国家技术质量监督总局颁发的机械式停车设备设计、生产资质、安装资质、维修保养资质，参与了国家多项机械停车行业标准的制定。

许继停车系统秉承“以客户为本，用完善的服务让许继产品为客户创造价值”的宗旨通过资源整合，培养了一支从事产品研发、销售、生产、工程、维护的高素质专业化、标准化的员工队伍，为用户及时提供车库咨询、规划设计、安装调试维修保养等全方位的服务，创造更好的停车空间，为中国停车行业的发展做出新的贡献。

XJ Parking System Co.,Ltd, founded in 1995, is one of the earliest companies to engage itself in the construction of mechanical vertical parking systems, which forms a complete one-shop system including plan, design, e equipment introduction, manufacture, erection, testing arid after-sale services. The company is dedicated to the promotion and application of the automatic mechanical vertical parking systems. It is the first to promote the depository parking systems with the world advanced level in China, which make the people have a new knowledge on the automatic parking systems.

From small to big, XJ Parking System Co.,Ltd has undergone continuous innovation and growth and achieved many No. 1 in many fields since its founding:

the first to develop the Tunnel Stacking Parking Systems;

the first to produce plane types of mobile garage ;

the first to promote the depository parking systems with the world advanced level in China;

the first to pass the ISO9000 Quality System Certification;

the first to get one of the State Torch Projects;

the first to acquire the qualifications for design, manufacture, erection, maintenance of mechanical parking systems authorized by General Administration of Quality Supervision,Inspection and Quarantine of the People's Republic of China .

As the vice-chairman of China Mechanical parking Association and the member of China Parking Management Committee and member of development and promotion center of parking system techniques under Construction Ministry of P.R.China, the company has acquired the qualifications for design, manufacture, erection, maintenance of mechanical parking systems authorized by General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China ,also taken part in the draft of the several national industry standards on the mechanical parking system.

让我们的客户充分享受到高可靠性、高科技的设备！

许继智能化停车系统

智能化全自动停车系统简介

我公司引进德国的全自动智能化停车设备，经过我公司研发中心的全面升级与改进，具有世界领先水平。

设备特点：

- 出入车方便，前进入库、前进出库。
- 布局合理，能有效利用土地，创造更多空间。性能可靠，安全系数高，容易维护。
- 控制及操作简单。按键或刷卡操作，方便、安全、迅速。
- 噪音小、速度快、振动小、动作平稳。存取车整个过程全自动，大大缩短存取车时间。设有停车位置提示引导装置和自动定位装置，即使是驾驶技术不熟者也可按提示引导停放
- 车辆，采用自动定位装置可自动调整车辆位置，从而缩短存车时间。
- 车库内部封闭式运行，可防止车辆被盗、划伤、人为损坏，车内物品丢失。
- 车库自带收费管理系统，电脑操作，便于物业管理。

The automatic intelligent parking system, which was introduced from Germany and has been upgraded and improved by the R& D Center of our company, has reached the world advanced level.

Features:

Convenient entry and exit for the car: forward entry and exit.

Saving the space in layout and effectively utilizing the land; reliable performance, high safety coefficient and easy maintenance.

Simple control and operation. Pressing-key or swiping-card operation, which is convenient, safe and quick.

Low noise, high speed, small vibration and stable moving. Since the process is full automatic the car storage/retrieval time is greatly shortened.

It is equipped with guiding device and automatic positioning device for finding the parking position, so even unskilled driver can park the car as per the guiding of the device and then the automatic positioning device will automatically adjust the car position so as to shorten the car storage time.

The system operates in a closed way so as to prevent being stolen and scratched of the car or the man-made damage to the car and prevent the loss of the articles in the car.

The system is equipped with charge management system, which is computerized operation and convenient for property management.

该系列停车设备具有节省空间、系统综合多样、易于设计、投资少、成本及保养费用低、控制操作简便等特点。其独特的梳体技术是综合欧洲多年停车设备制造经验而创立的，停车系统采用梳架台车平移及升降装置实现存取车操作，存取车全部过程自动完成。

The series parking systems are featured with space saving, various system combination, easy design, low investment and cost and maintenance and simple control and operation. The unique combplatform technique technology is developed by us through absorbing the European manufacture experience in parking systems. The parking system adopts combframe carrier sliding and lifting to store and retrieve the car, and the whole process is automatically accomplished.

设备基本技术

停车位(个) Parking lots(pieces)		40–120	
层数 Number of layers		2–20	
每层停车数量 Parking units for each layer		不固定 Not fixed	
车库设计基本尺寸 Basic design dimension of the system		见示意图 Refer to the Sketch Map	可根据不同需要进行设计 It can be designed according to the different needs
车库形式 Type of the garage		全地上、全地下、混合型 Full above the ground, full underground, mixed type	2.2 ~ 2.3Kw
搬运器功率 Carrier power Kw		水 平 horizontal	8~45 KW
		垂 直 Vertical	1.5 Kw
		旋 转 Rotary	60 m/min
升降机速度 Speed of the elevator		水 平 horizontal m/min	30~50 m/min
		垂 直 Vertical	2rpm
		旋 转 Rotary	380V/AC 50Hz
电源 Power source		动力电源 For power use	24V/DC
		控制电源 For control use	5300mm
最大停车参数 Maximum parking parameters		长 Long	1900mm
		宽 Wide	1550mm
		高 High	2200Kg
		重量 Weight	
存取车时间 Car storage and retrieval time		平均存取车时间约 Average car storage and retrieval time(about)	不大于90秒(车库容量<90辆/套) Not more than 90s (capacity 90 vehicles/set)
		最不利车位存取车时间 car storage and retrieval time for the most unfavorable position	根据具体设计方案定 To be decided according to the specific design scheme

根据各项目和具体情况不同此数据可作变更，所有数据均是近似值或者最高值。

The data can be changed according to the different project and specific conditions. All the data are approximate value or maximum value.

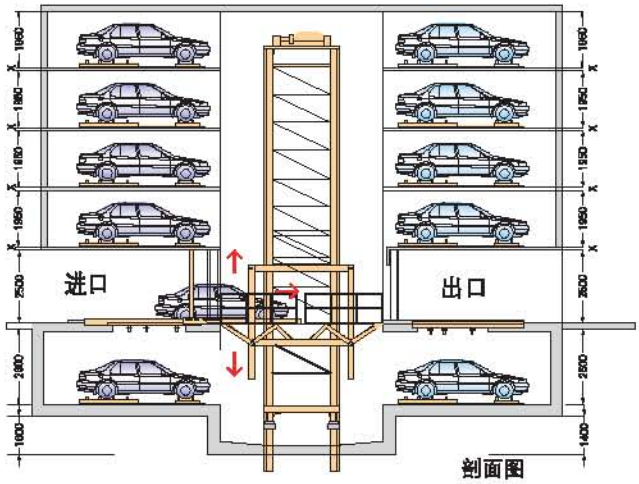
许继智能化停车系统

PXD-SA 型巷道堆垛式自动化停车设备

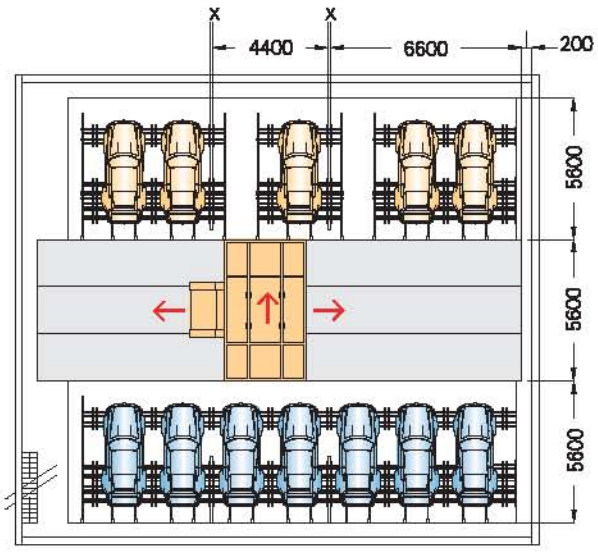
PXD–SA　PXD–SAT型

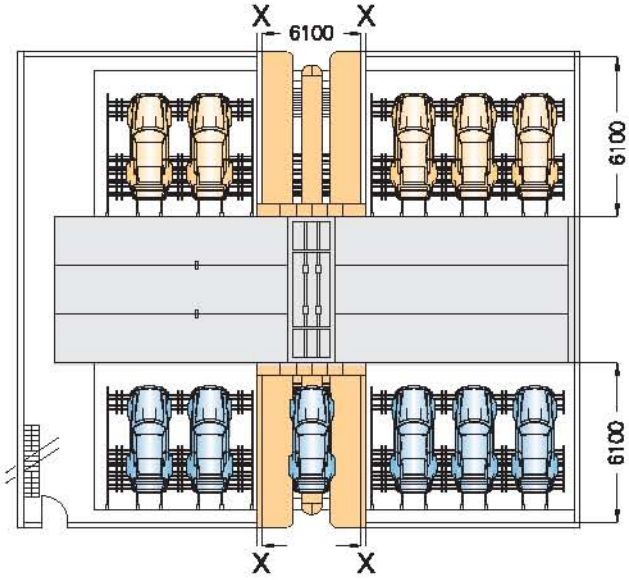
设备构成：进出口（存取车操作位置），进出口升降机，旋转盘（调整车辆方向，便于车辆进出库，根据需要配置），智能搬运装置（在车库内运送车辆的装置），车台装置（存取车装置），停车装置（独有的梳架停车装置）及控制中心。

该类型主要用于全地下、半地下及高度受一定限制的场合。



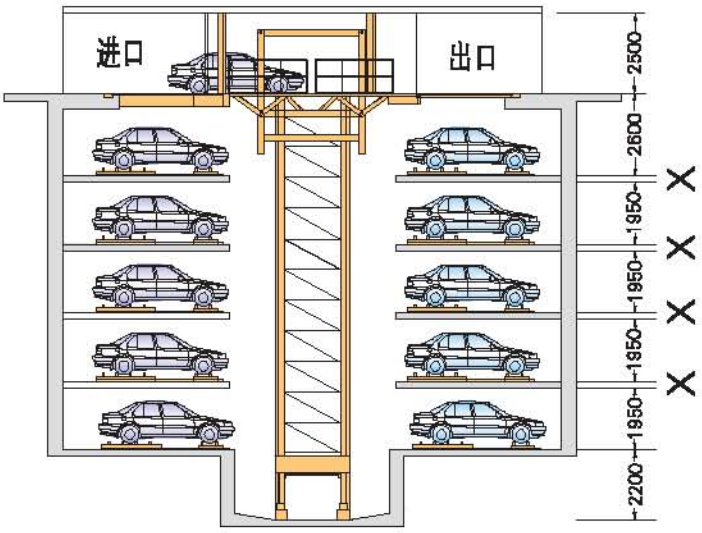
剖面图

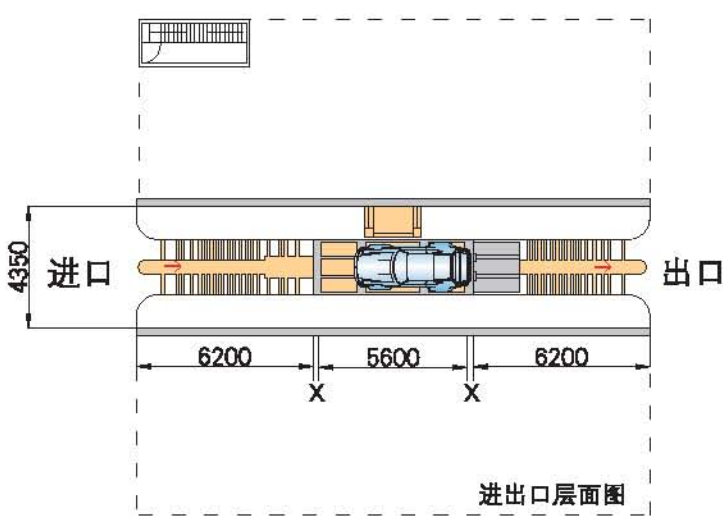


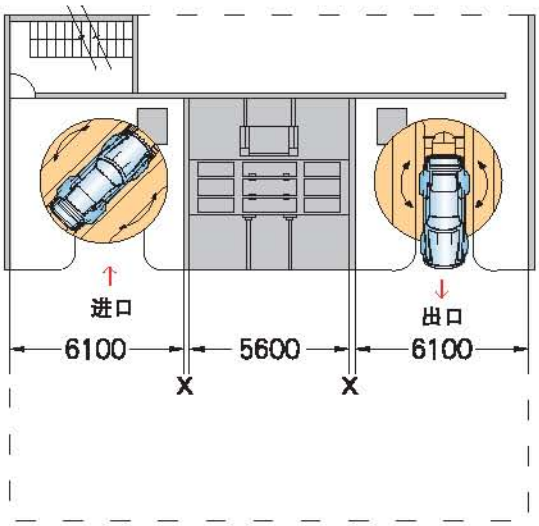


The system includes: entrance and exit (car storage and retrieval operating position), entrance and exit elevator, rotary table (adjusting vehicle direction for the vehicle entering and getting out; configured according to the needs), intelligent handling device (transporting the vehicles inside the garage), vehicle platform device (storage and retrieval device), parking device (unique comb frame carrier parking device) and control center.

The system of this type is mainly used for the underground garage, half underground garage and occasions where the height has limitation.



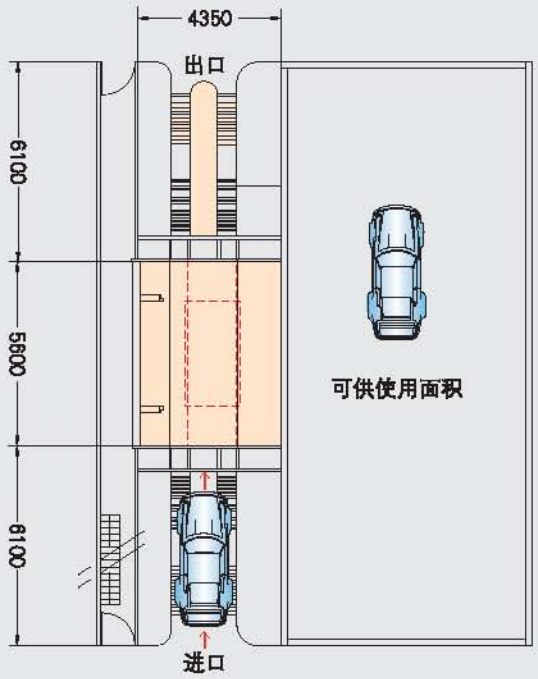




进出口层面图
（带两个转盘）

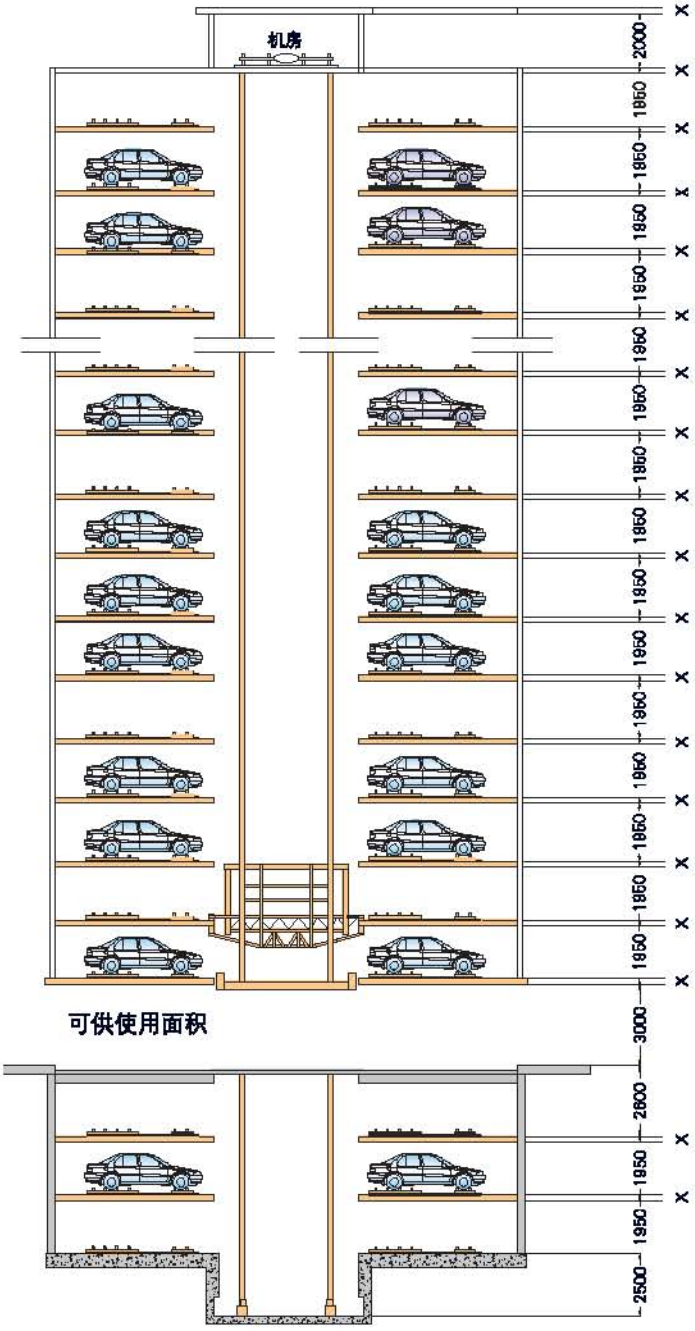
注：X为堆板或者板厚

PPY-SEC 型巷道堆垛式自动化停车设备



设计上以 SE 型为基础但功能性更强

The design is based on the SE Type, but it is strong in function.



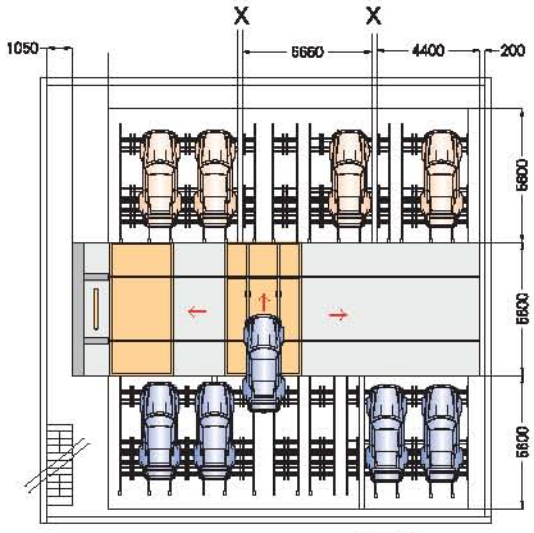
PPY—SE　PPY—SEC型

设备构成：进出口（存取车操作位置），固定升降机、旋转盘（调整车辆方向、便于车辆出库、根据需要配置），水平台车（在车库内运送车辆的装置），车辆存取台（存取车装置），停车装置（独有的梳架停车装置及控制中心构成）。

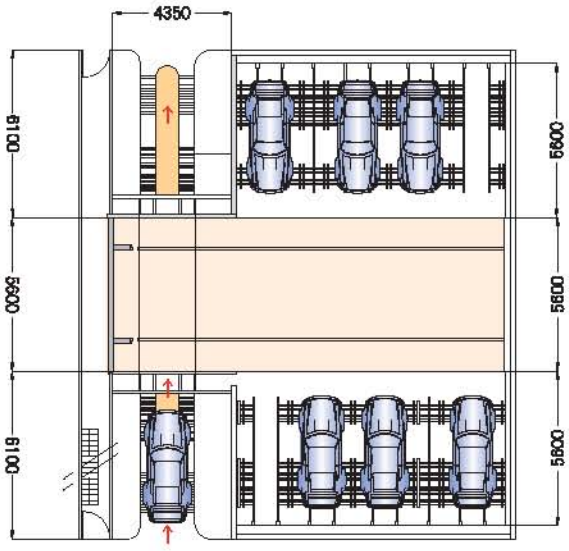
该类型主要用于半地下、地上有一定高度空间且中间层面可做他用。

The system includes: entrance and exit (car storage and retrieval operating position), fixed elevator, rotary table (adjusting vehicle direction for the vehicle entering and getting out; configured according to the needs),horizontal carrier (transporting the vehicles inside the garage), vehicle platform (storage and retrieval device), parking device (unique comb frame carrier parking device) and control center.

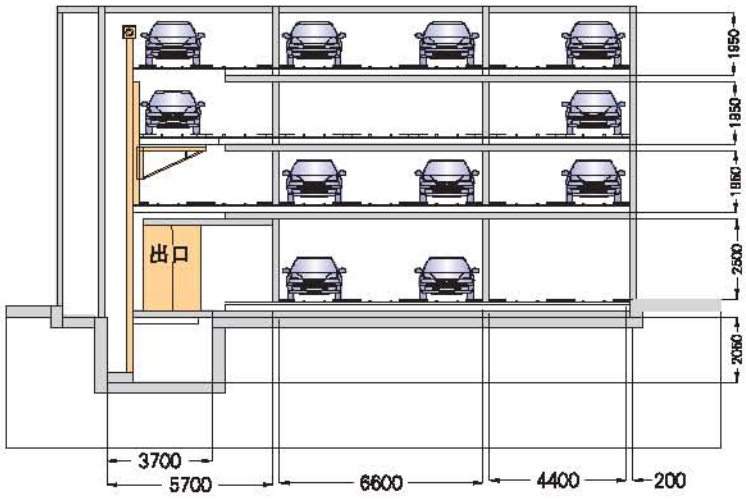
The system of this type is mainly used for the half underground garage where there is some space with certain height above the ground and the middle layer can be used for other purposes.



层面图



进出口层面图



注：X为墙板或板厚

剖面图

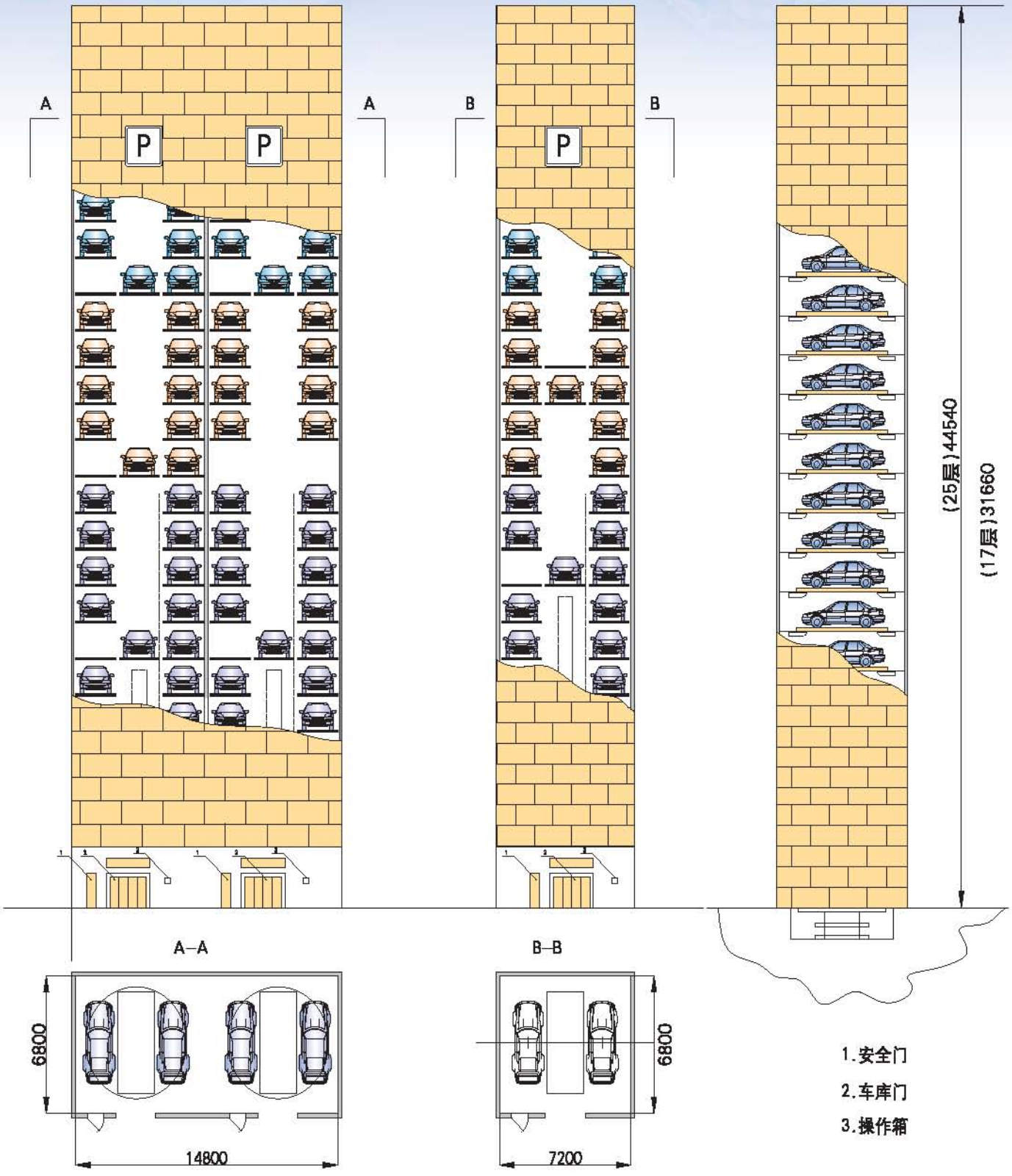
许继智能化停车系统

PCS 型垂直升降(塔式)自动化停车设备

该停车设备更加经济、安全、迅速、美观，其特点是低噪音，振动小，与建筑物的相容性好，更安全，更加容易维护，特别适用于城市立体停车车库的建造，是有效利用土地，创造更多空间的最佳选择。停车设备运用搬运器横移及升降装置实现存取车，进出口内转盘的设置更加方便车出入，车辆可前进入库，前进出库，整个过程自动实现。

This parking system is more economic, safer, quicker, elegant. It features low noise and small vibration and good compatibility with the buildings and easy maintenance, so it is especially suitable for the construction of the vertical parking system in the city. It is a best choice for effectively utilizing the land and creating more space. The parking system stores and retrieves the vehicles through the sliding and lifting device, and the setup of the rotary table inside the entrance and exit is convenient for the vehicles entering and getting out of the garage. The vehicles can move forward to enter or get out of the system and the whole process is automatically realized.

名 称 Name	说 明 Description			
设备名称 Name of the equipment	17/25层电梯式停车库 17/25 layer elevator parking system			
设备名称 Name of the equipment	单塔/双塔 Single tower/double towers			
车位数量 Number of the parking units	停车34/100辆 Parking 34/100 vehicles			
容车规格 Specifications of the vehicle	车型 Type of vehicle	长x宽x高 L*W*H mm	质量(Kg) weight	数量(辆) Number (vehicles)
	大型轿车 Large car	5000x1850x1550	1800	34/100
速度 Speed	升降 elevating		60~120/min	
	横移 Horizontal sliding		25m/min	
	回转		3.68r/min	
升降机功率 Elevator power	每台18.5Kw 18.5Kw for each set			
驱动方式 Driving mode	钢丝绳曳引，安全系数>12 Steel rope traction , safety coefficient > 12			
控制方式 Control mode	控制 Control	PLC可编程智能化模块控制系统 PLC (programmable logic control system)		
	驱动 Driving	VMF变频调速，包括升降、横移、回转及门机 VMF, including lifting, horizontal sliding, rotation and operator		
	联网 network	通过TCP/IP协议与大厦智能化系统联网 Connected with the building's intelligent system through TCP/IP protocol		
供电热源 Power supply	容量35KVA交流50Hz三相380/220V±7%,双路供电 Capacity: 35KVA AC 50Hz three-phase 380/220V±7%, double power supply			
机构高度 Height of the structure	出入层 Entry and exit layer	1900mm		
	存车层 Car storage layer	1610mm		
	地坑深 Pit depth	1500mm		
	库门 Door	1900x2600mm(高x宽)		
	立库总高 Total height of the vertical garage	31660/44540(净高)		
搬运器平层准确度	±3mm			
平均存（或取）车时间 Average car storage(or retrieval) time	单车≤120s/单车≤90s Single car≤120s/ single car≤90s			
最大存（或取）车时间 Maximum car storage(or retrieval) time	存满（出净）<2h Full storage(empty all) <2h			
操作功能 Operation function	主操作采用LCD触摸控制，智能化操作，各种工况显示（包括存车、设备运行、操作提示、调试维修及故障报警等）。此外还可配用IC卡控制操作 Main operation adopts LCD touch-screen control; intelligent operation and various working condition display(including car storage, system running, operation prompt, debugging, maintenance and fault alarm, etc). Besides, it also can be equipped with IC card control operation.			
管理系统 Management system	采用非接触式进行操作计费和控制， 其相关数据未经授权不可删改； 系统设有自动、手动两种操作方式； 进入控制系统，应有授权密码； 一卡多用，可与大厦共用共享； 对社会用户可发放临时卡，用后计费、回收卡。 The system is equipped with two operating modes: automatic and manual; The authorization password is required for entering the control system; one card for more purposes, can be shared with the building; For the some users, the temporary cards can be distributed for billing, and then be collected.			

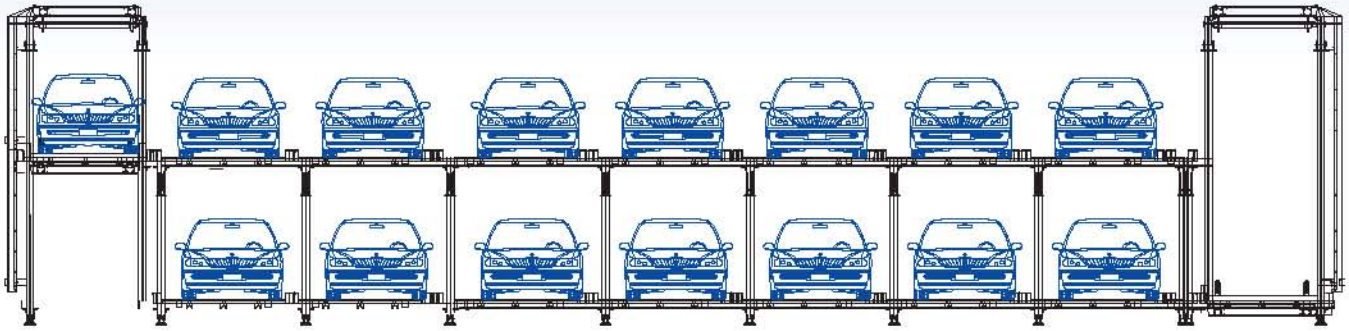


双塔25层(17层)户外型

单塔25层(17层)户外型

许继智能化停车系统

箱式循环停车系统

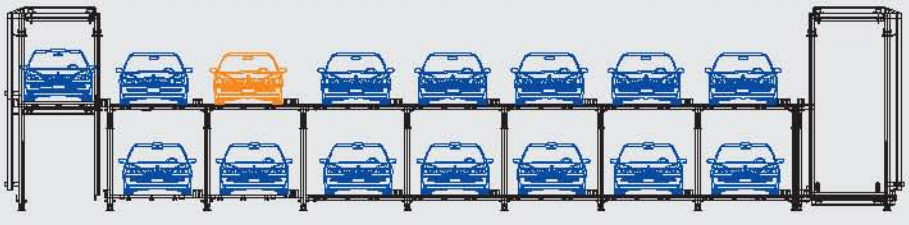


此系统适用于地下和建筑内部，是一种空间利用率非常高的设备。采用封闭式结构，无需出车道或搬运通道，利用车位间移动旋转再由升降机配合实现出车。次系统可在升降机和停车层面任意位置设置出入口，适用于各种复杂的地形。

操作方式			刷卡及按键操作
入库方式			前进入库，后退出库
适用车型		车型	特大型轿车
		车长(mm)	≤5300
		车宽(mm)	≤1900
		车高(mm)	≤1550
		载重(kg)	2200
出入口		宽度(mm)	2335
		高度(mm)	2300
电 源		动力用	3相5线 380V 50Hz
		控制用	2相3线 220V 50Hz
升降机	升降	速度(m/min)	60
		电机功率	7.5Kw变频控制
循环	平移	速度	25
		电机功率	1.5Kw变频控制

箱式循环系统出车动作演示

Demonstration of the Vertical Cycle System



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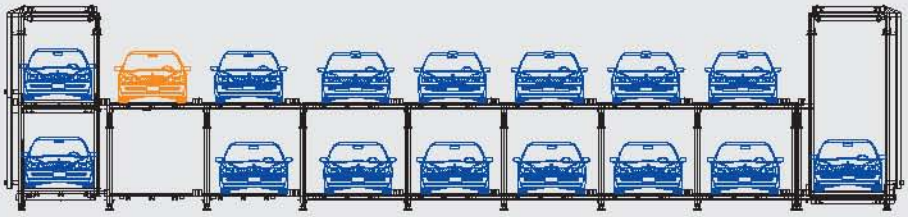
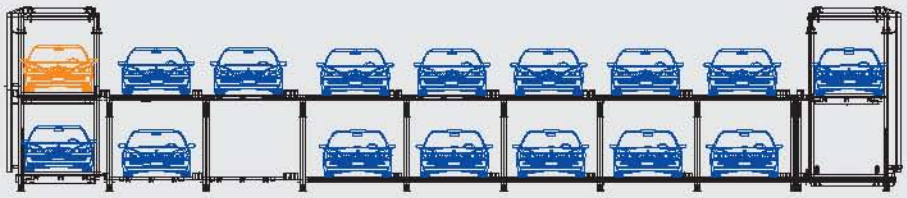


2

The system, suitable for the underground buildings and inside of the buildings, is a device with high space utilization ratio. It adopts enclosed structure and requires no vehicle channel or vehicle transporting channel, but it utilizes the unit moving and rotating, cooperated by the elevator, to retrieve the vehicles. The sub-system can set the entrance and exit at the elevator and any position of the parking layer, suitable for various complicated landform.

Operating mode			Card-swiping and key-pressing operation
Entry method			Drive inforward drive out backward
Suitable Vehicles		Type of Vehicle	Super large car
		Length mm	≤5300
		Width mm	≤1900
		Height mm	≤1550
		Weight kg	2200
Entrance and exit		Width (mm)	2335
		Height (mm)	2300
Power source		For power use	3 phase 5 wire 380
		For control use	2 phase 3 wire 220
Elevator	Elevating	Speed m/min	60
		Motor power	7.5Kw variable frequency control
Cycle	Horizontal sliding	Speed m/min	25
		Motor power	1.5Kw variable frequency control



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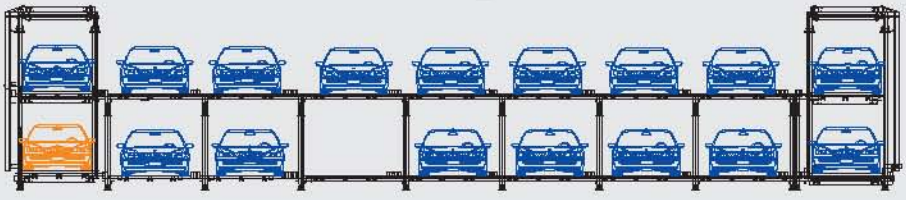

4

北京芳古园

上海工商联大厦

上海工商联大厦	高层电梯式 智能控制1套	34 车位
北京王府井	PXD-EC智能搬运器式	459 车位
宁波东方苑	PXD巷道堆垛式	66 车位
广州十甫名都大厦	PXD-SA智能搬运器式	108 车位
山西太和大厦	PPY平面移动式	141 车位
深圳宏浩花园	PXD-S搬运器式	186 车位
北京芳古园	PXD-B车台板式	496 车位

北京王府井名车港