Rotary Parking System
Introduction to enterprise
Qingdao Cherish Intelligent Equipment Co., ltd. It was founded 2017, located in Qingdao city east coast of China. We main engage in car maintenance equipment and car parking system.

Our target is to establish international brand, attach important to management quality and reputation. With excellent management team, advanced equipment and technology, high class standard, strict management and perfect after sales service, we have won the trust of customers and have spread our market to all over the world and won reputation from customers abroad.

We are keeping up with step of times, with the concept of modernized management. The enterprise tenet of cherish team is “commitment to Excellent, Establish Brand”. The enterprise spirit is “Sincerity come first, credit is basement, team spirit and work cooperation”. The philosophy is: Quality First, Service Satisfaction; The credibility of the first, sincere cooperation. Our target is customers 100% satisfaction.

Face to new situation and new chance, our attitude of starting from beginning, Make the diversification business to realty and establish long live Cherish Brand, to found a international modernized enterprise group.
Product display
Product features
Qingdao Cherish Intelligent Equipment Co., Ltd. It mainly producing the car lifts, car parking lifts and car parking system and so on, especially hydraulic transmission for vertical circulation rotary parking equipment, effectively solves the problems and shortcomings of the common vertical circulating parking equipment, and the use of land resources more efficiently, the ground 2 vehicles parking area parking for 16 cars. Compared with the vertical circulating parking equipment with mechanical transmission, it has the following obvious advantages:
1. running more smoothly:
   - hydraulic driven vertical cycle parking equipment, the brake device and the drive hydraulic motor integrated into one, complete.
   - Eliminate the mechanical impact of the Carlton, the device can be fast and stable running, stop, increase.
   - The service life of the parking equipment makes the parking more safe.

2. speed hydraulic drive:
   - reduce mechanical Carlton, than mechanical transmission can improve the running speed of 30%-50%, it greatly saves the time for the user to save the car and take the car.

3. high efficiency and energy saving: using hydraulic drive, reducing energy consumption by 30% than mechanical transmission.

4. intelligent control:
   - in addition to the use of PLC to achieve automatic access to vehicles, and the use of APP software Bluetooth devices, real.
   - It is more effective to save access time by choosing the nearest distance access vehicle.

5. automatic speed regulation:
   - automatically set the speed according to the number of parking computers, when the
Product standard
In the process of R & D and manufacture of this product, the following People's Republic of China machinery industry standards and related automotive industry standards are followed:

- JB/T10215-2000 vertical cycle type mechanical parking equipment
- GB/T26476-2011 terminology for mechanical parking equipment
- Classification of GB/T26559-2011 mechanical parking equipment
- General safety requirements for GB17907-2010 mechanical parking equipment
- JB/T11455-2013 multi-layer cycle mechanical equipment
- GB50067-2014 fire protection code for design of garage, garage and parking lot
- Basic requirements for the manufacturing, installation, renovation, maintenance and quality assurance system of TSG Z0004-2007 special equipment
Structure principle:
• Each vehicle parked in a car (car), 16 hanging basket in the heavy chain and the heavy chain arranged in a ring (runway), heavy chain hanging on the track, with the side of the track, the track installation of the steel structure frame, heavy chain driven by the special form of the driver, at the bottom of set vehicle access device, when each basket rotating at the bottom, it is used for vehicle access operation, the equipment control system by PLC cycles in the vertical direction. The car parked in the car carrying basket, basket with drive system for lifting movement, can be access to the specified location to achieve three-dimensional parking lifting storage.
Operation mode:
This equipment adopts the control system composed of SHRICK man-machine interface operator and SIEMENS S7-200PL. Can realize key control or card control. The advantages of this system are flexible debugging, intuitive maintenance and simple maintenance. The staff can operate the parking space through the man-machine interface operation. The man-machine interface and PLC communications will be a key card to build after the number of parking spaces to PLC PLC after receiving data by calculating the positive inversion control of parking equipment; to analyze and judge the man-machine interface to read PLC information, in the form of illustrations that operation of the operator of parking equipment.
Protective device
1. Limit device: avoid the accident when the system works beyond the limit position.
2. Person car error detection device: when a person or a car is wrong, the equipment does not move.
3. Car position detection device: when the car does not stop in the right position, the system does not work.
4. Emergency stop system: the parking equipment can be stopped immediately when abnormal conditions occur.
5. Sensor: provide the related detection signal for the system.
6. Car parking observation device and operation guide: when parking boards are parked, there is a mirror in front to observe whether the car is in place. All the rules and notices of access vehicles are written on the notice boards at the entry and exit points.

7. Lighting system: fluorescent lighting is suspended on both sides of the entrance and exit.

8. Safety signs: the equipment includes safety signs, traffic instructions, evacuation signs and operation instructions, which are located at the exit of the parking equipment, the operating room, the maintenance place and so on.
technical data
After-sale service
• 1. all the products in our company are guaranteed for a period of one year, free on-site maintenance within the warranty period, and all labor and parts costs are excluded.

• 2. after the warranty expires, consumable parts such as replacement, at a cost fee.

• 3. all large engineering projects are maintained by professional and technical personnel.

• 4. free of charge for the user to train the equipment operator.

• 5. after receiving the notice of the report, we arrived at the scene in seven working days and solved the problem.
• 6. Electric facilities are checked by the company every three months by the company.
• 7. The paint rust part of the company at any time repair, anti-corrosive paint, surface paint by the company for two years re painted.
• 8. The bolts and plates at the track connection shall be checked by the company for 3 months.
• 9. The tracks and frames are tested by the company for 10 years.
• 10. Our company can supply a standby power supply for customers to choose.
• 11. One year warranty period, free of charge "product liability insurance".
Look forward to the cooperation with you, thank you for watch!