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With the development of market globalization, the commercial competition is getting more and more intense. The demand for improved decorativeness, corrosion resistance, and function increase gradually.

While working on meeting customers' ever changing needs. WCPT continuously develops new ideas, and adhere to the top priority of standing in customer's position to conform the principles of "customer first" and "seeking excellence".

CATALOGUE

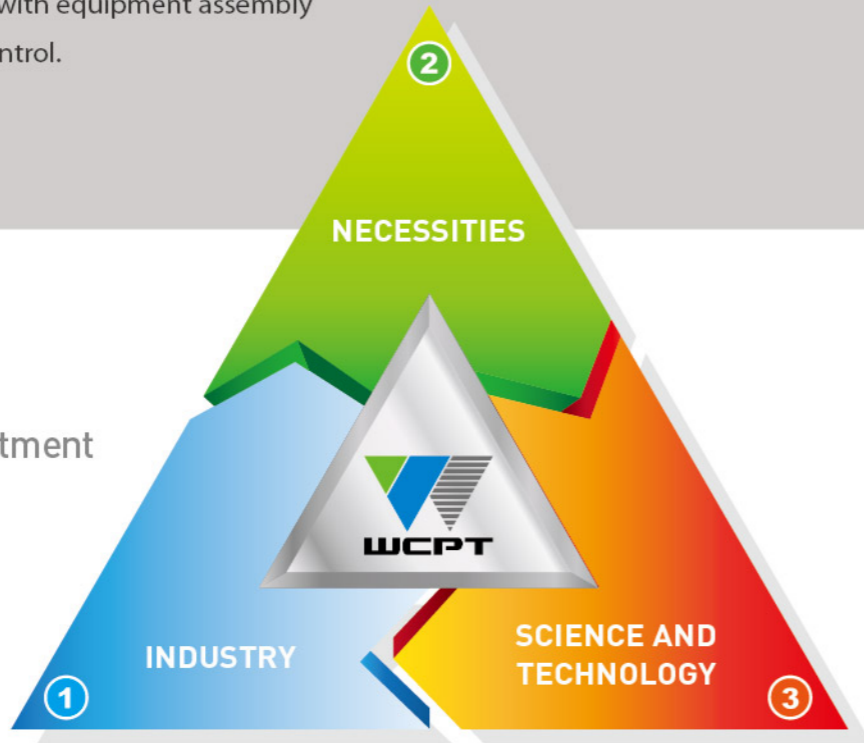
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COMPANY PROFILE

WAN CHENG PRECISE TECHNOLOGY is mainly engaged in the production of whole-plant machines for automated operation of surface treatment equipment and environment related equipment.

We are devoted in designing customised equipment, from workflow planning to process of parts, with equipment assembly performed under rigorous control.

Range of Surface Treatment



SURFACE TREATMENT

Applications of surface treatment include industrial screws, nuts, hardware accessories, construction materials, automobile /motorcycle parts, as well as widely used items in our daily life, such as sanitary and bathroom metal ware, golf kits, garment accessories, stationery items, electronic components, semi-conductors, passive components (MLCC,CHIP-R,CHIP-C etc), and mobile phone shells etc.

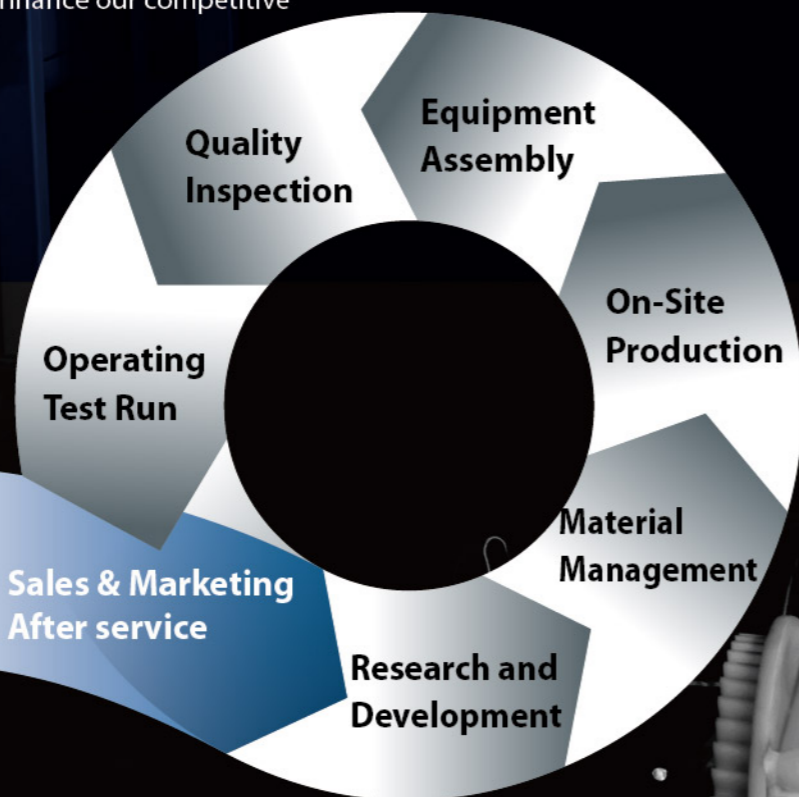


OPERATING PROCEDURES

Differentiate from other general surface treatment equipment, WCPT provides high standard equipment; strict quality control and on - time delivery have been consistently insisted. We place great emphasis on full-diversity innovation in the fields of overall strategy, customized planning, market development, R&D and after service, so we can enhance our competitive advantage.

04

Operating Procedures



INVENT DESIGN

With the advancement of technology, it is important for enterprise to follow the trend. By adopting advanced AUTOCAD and 3D graphics software which simulates the actual configuration and demonstrates the combination of design and actual operating environment to improve the implementation accuracy and to design customized products.

05

Invent Design



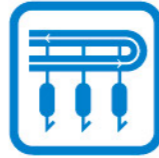
SURFACE TREATMENT EQUIPMENT

06

Surface Treatment Equipment



Barrel Type
Surface Treatment
Equipment



Hydraulic Rotary Arm Type
Surface Treatment
Equipment



Chuck Type
Passivation/De-oil
Equipment



Small
Experimental
Equipment



Carrier Type
Surface Treatment
Equipment



Wire Drawing And
Continuous Plating
Equipment

07

Surface Treatment Equipment



Barrel Type Surface Treatment Equipment



Barrel Type Surface Treatment Equipment is designed in straight alignment or U-shape to suit the condition of customer's facility; automated control to stabilize the consistency of quality treatment.

Suitable Process:

Acid/Alkaline Zinc Plating, Phosphate, Polishing and Zinc-Nickel Alloy Plating, etc.

Suitable Product:

Screws, Nuts, General Hardware, Zippers, Electronic Components and Passive Parts, etc.

Characteristics:

1. Surface treatment and cleansing effects.
2. Different specs of barrels for various requirements of capacity and products.



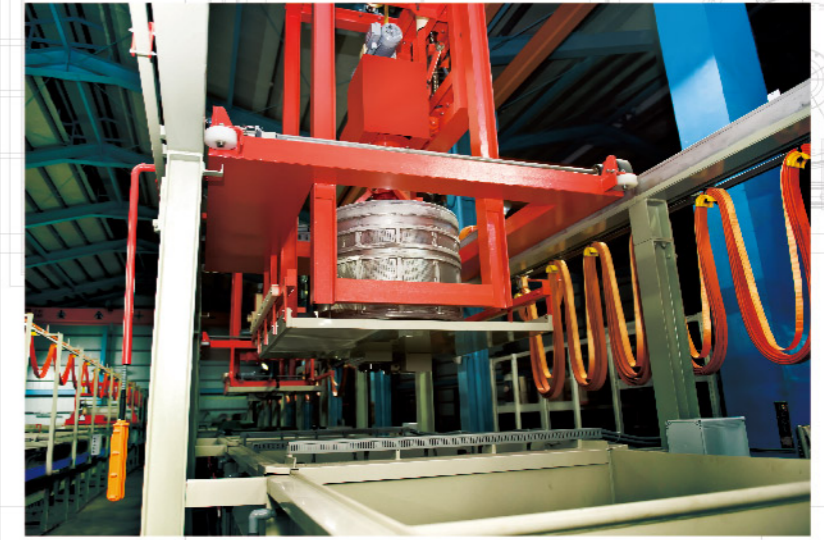
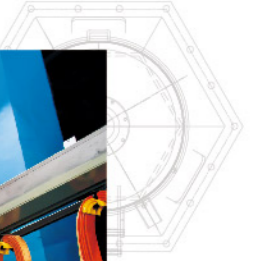
Chuck Type Passivation/De-oil Equipment



300



2300



Chuck Type Passivation /De-Oil Equipment is used for passivation, sealing, dehydration and oil removing. Mostly join with barrel type surface treatment equipment for after-plating treatment. It deals with colours such as white, yellow, green or black.

Suitable Process:

Oil Removing, Passivation and Sealing, etc.

Suitable Product:

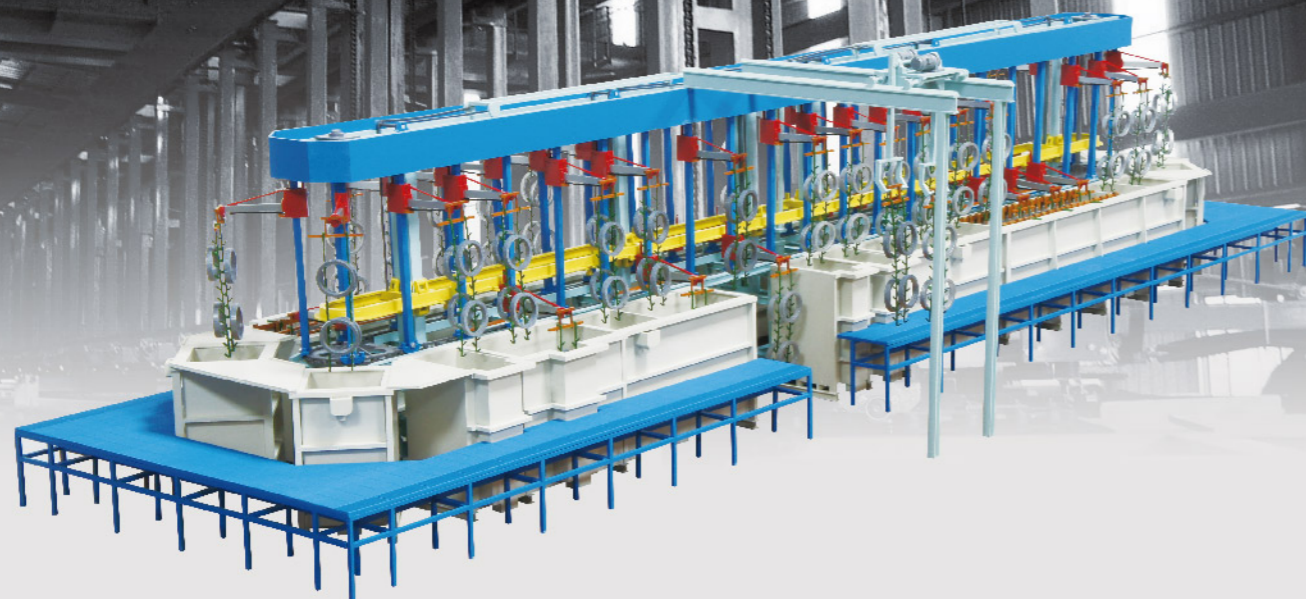
Screws, Nuts, Bolts and General Hardware, etc.

Characteristics:

1. Clockwise/ Anti-Clockwise Spinning, Tilting Rotary.
2. Well-mixed of products and uniform plating thickness
3. Minimise the collision damage of the products.



Hydraulic Rotary Arm Type Surface Treatment Equipment



Every step of **Hydraulic Rotary Arm Type Surface Treatment Equipment** is under computer control to avoid human error and to perform quality management effectively. The feature is to gain consistent plating thickness on products.

Suitable Process:

Zinc Plating, Chrome Plating, Nickel Plating and Plastic Plating, etc.

Suitable Product:

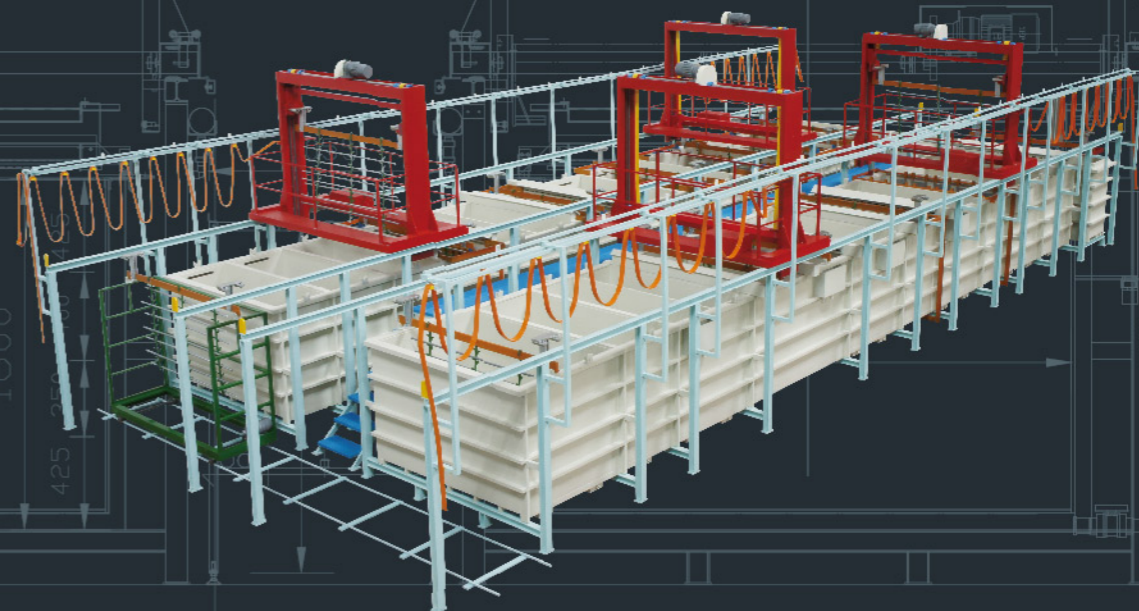
Automobile/Motorcycle Parts, Sanitation and Bathroom Metal Ware, Lighting Fixtures and Furniture, General Hardware and Computer Products, etc.

Characteristic:

Suitable for large and similar surface treatment products.



Carrier Type Surface Treatment Equipment



Carrier Type Surface Treatment Equipment is suitable for electroplating or anodizing processes. Working scope includes pre-treatment, after-treatment and drying in automated operation.

Suitable Process:

Anodic Treatment, Acid/Alkaline Zinc Plating, Nickel Plating and Plastic Plating, etc.

Suitable Product:

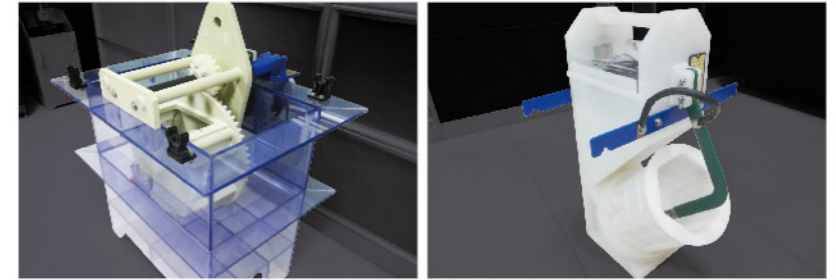
Automobile/Motorcycle Parts, Sanitation and Bathroom Metal Ware, Lighting Fixtures and Furniture, General Hardware and Computer Products.

Characteristic:

Suitable for large products or special shapes work piece.



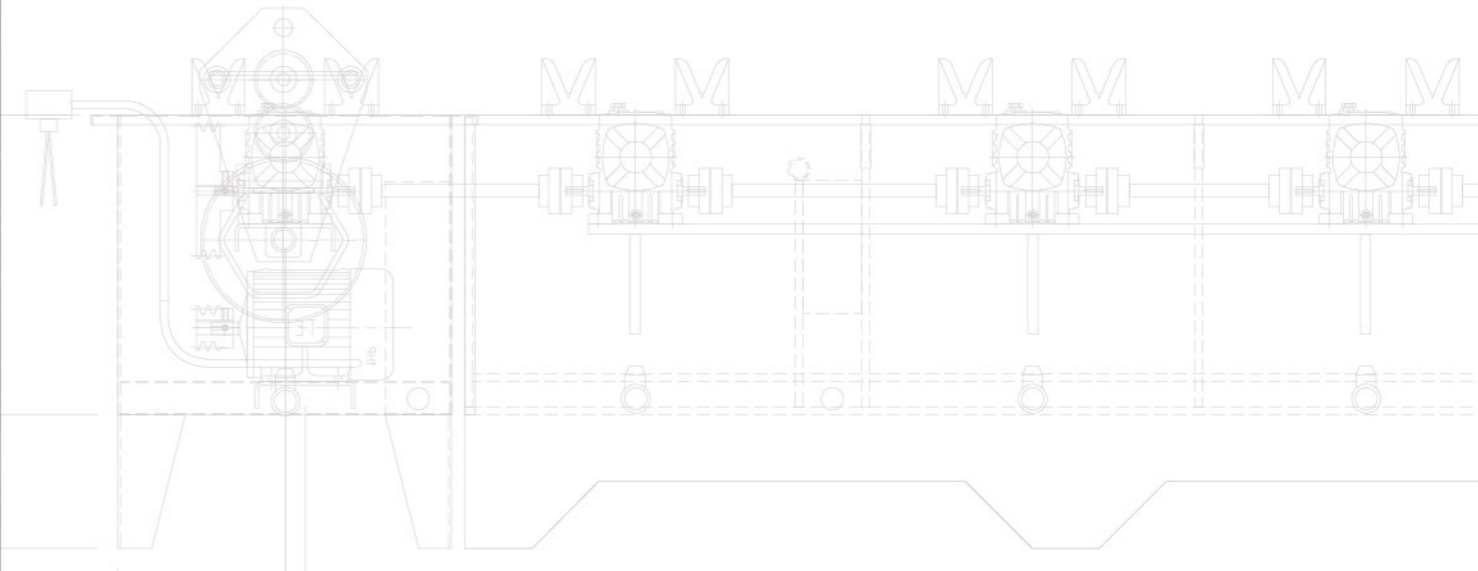
Small Experimental Equipment



In order to reduce cost and increase replacement convenience, **Small Experimental Equipment** can be used for examining and appraising the effectiveness of chemicals. This approach can also reduce the environmental pollution by using chemical less.

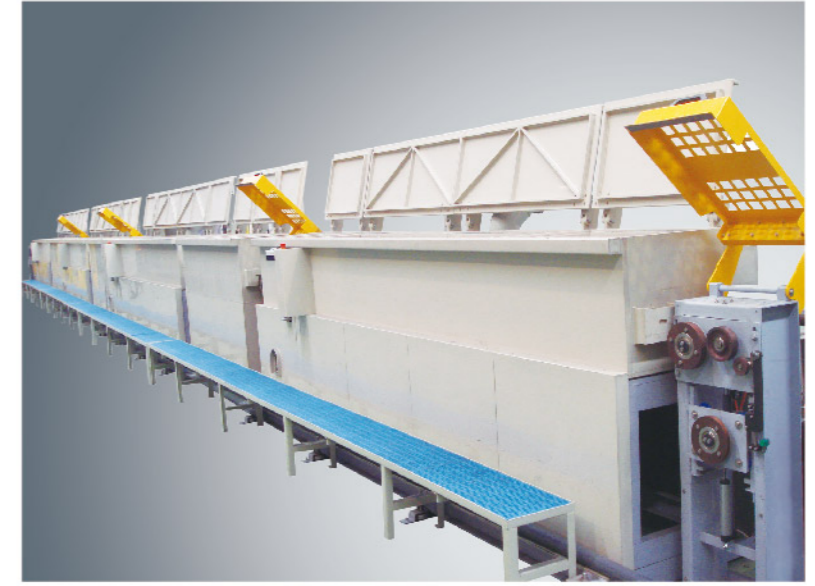
Characteristic:

Match the test of chemicals and simulate the plating effect of large equipment.





Wire Drawing And Continuous Plating Equipment



Along with the **wire drawing machine**, **continuous plating equipment** can adjust the speed of wire drawing and integrate the operation in order to provide high stability for the equipment.

Suitable Process:

Electroplating and copper chemical plating, etc.

Suitable Product:

Metal wire

Characteristics:

1. Extension after drawing machine, automatic continuous procedure.
2. Operation data information management.
3. Automatic drawing speed regulation.

Barrel

1. **Octagonal design:** Increase the movement of work piece inside the barrel.
2. **Material:** P.P. plate imported from Germany, high quality of thermal insulation and acid-alkali proof.
3. **Barrel reinforcement:** SS400 cover with PP to extend the life of barrel
4. **Barrel holder:** Aluminium cover with PP, stronger and lighter
5. **Holes design:** Variety of holes can deal with different dimension and shape of work piece, to increase the exchange rate of chemicals and production.

Crane

1. Use locating plate to regulate the cranes, with various phases of speed.
2. Dripping tray is installed to prevent chemical contamination.
3. Automatic/manual operation.

EQUIPMENT FEATURES

- Barrel
- Crane
- Tanks
- Micro-Computer Control System

Tanks

1. SUS 304 plate is used for hot degreasing and hot water tank.
2. PP plate imported from Germany, high quality of thermal insulation and acid-alkali proof.
3. SS400 & SUS304 covered with PP to reinforce the tank body.

Micro-Computer Control System

1. Human machine interface.
2. Automatic management.
3. Improve economic-effectiveness.



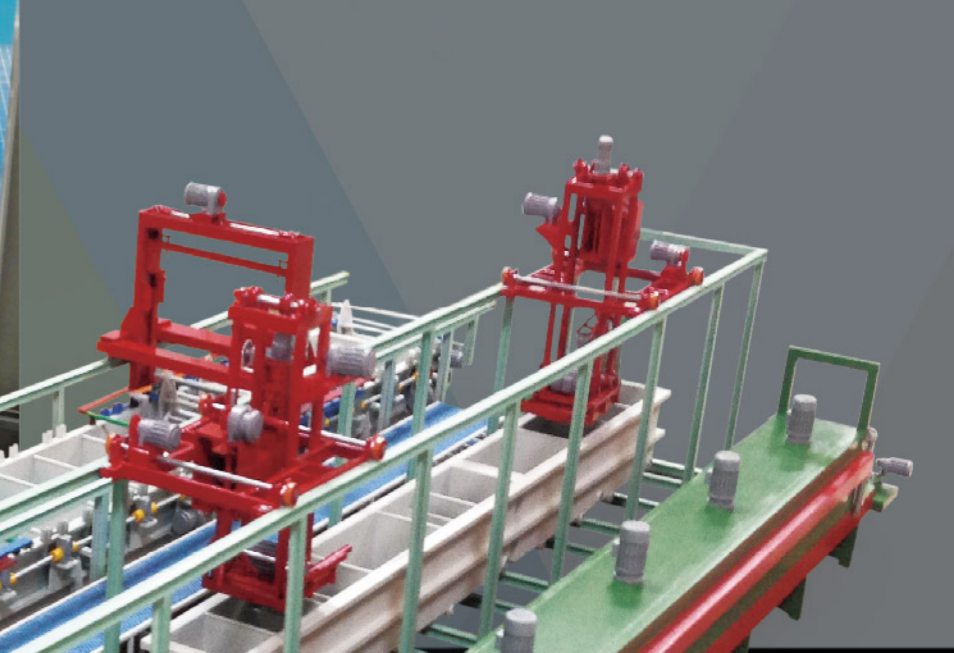
Oil-Skimmer



Hydrogen De-Embrittlement Oven



Zinc Dissolution Tank



ACCESSORIES



Automatic Chemical Dosing Device



Rectifier



Filter



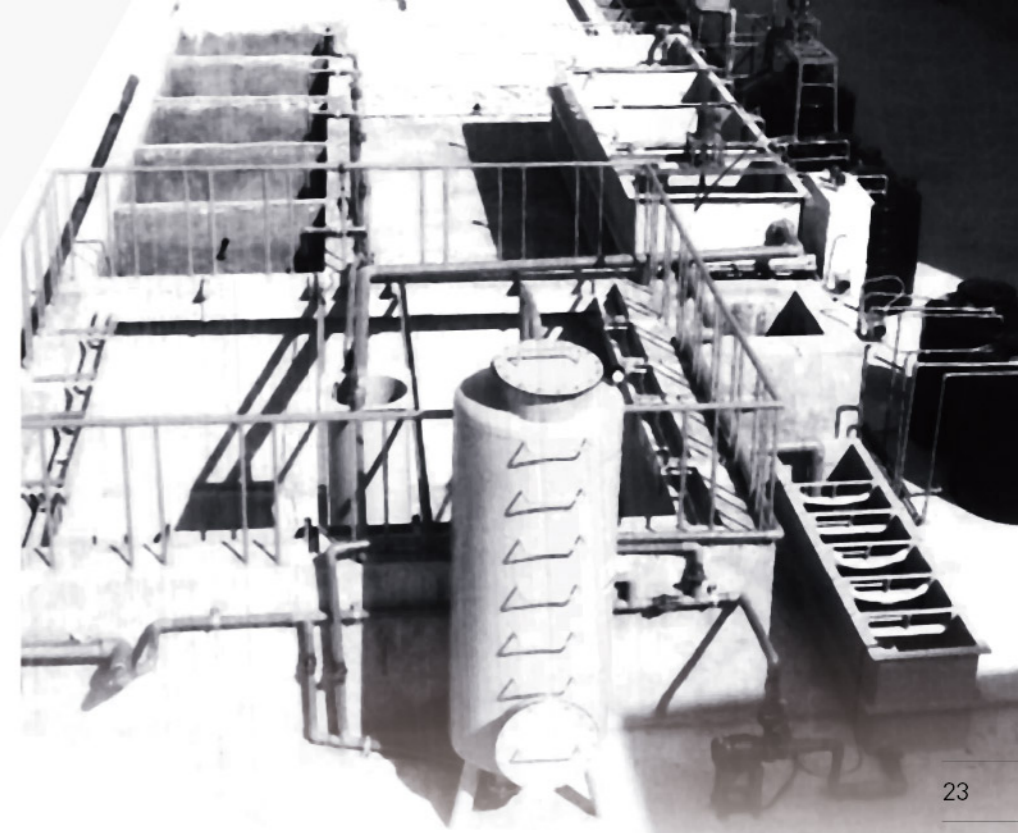
Chiller



Centrifugal Dehydrator

EXHAUST TREATMENT EQUIPMENT

Base on exhaust and customers requirement, acid/alkaline ingredients or toxic gas are purified through exhaust treatment system to meet the standards of environmental regulation.



EFFLUENT TREATMENT EQUIPMENT

Effluent treatment equipment is designed according to customer's need; in order to reduce the problems occurred by pollution and effluent management.



“Moving together as one and making precise progress”

is the core value of Wan Cheng Precise Technology. As well as creating social values, we strive to pass on a purified environment to our next generation. WCPT pursues breakthroughs and innovation to satisfy our customers, we will do our best to achieve environmental protection as a member of the society and enforce the concept of coexistence with society.

