RAINBOW

AUTOMATIC ELECTROPLATING LINE

Professional ☑
Good quality ☑
Energy conservation ☑

20 YEARS
20 years of professional export

PRODUCT FEATURES

All applications and functions of
automatic electroplating line

Linear plating Automatic production line for mechanical parts, automobiles, motorcycle parts and other metal surface oxidation, nickel, chrome, galvanized and other process requirements, but also for engineering plastic surface of the metal plating, such as car decoration pieces, Mobile phone shell and signs and so on.

Phosphorization
prodution line

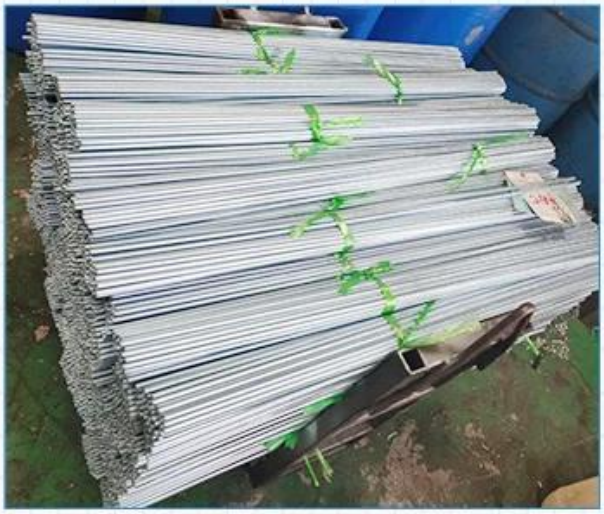
zinc electroplating line

Automatic plating production line is mainly applicable to all kinds of small parts and various non-standard items. The equipment is mainly composed of manipulator, tank body, drum, transmission mechanism, conveying device and so on, to meet the various products of different processes to the plating production。

Nickel barrel plating line

Zinc barrel plating line

BARREL TYPE ZINC PLATING ON ROD STEEL BAR



Aluminum profile anodizing line

Electroplating wastewater treatment equipment consists of regulating pool, adding medicine box, reducing pool, neutralizing reaction tank, pH adjusting pool, flocculation tank, inclined tube sedimentation tank, van filter press, clear water pool, air floatation reaction, activated carbon filter , Such as plating rinse water, waste bath, equipment cooling water and rinse ground water, the water contains chromium, zinc, copper, nickel, cadmium and other heavy metal ions and acid, alkali , Cyanide, etc., after treatment, safe discharge.

The exhaust gas treatment system mainly includes the suction hood \ suction pipe \ FRP fan, the exhaust gas treatment tower, the circulating pump, the tank and the pipeline. Mainly involved in the production of electroplating production of various types of chromium emissions, cyanide gas, acid waste gas, alkali waste gas and other comprehensive waste gas. After discharge standards.

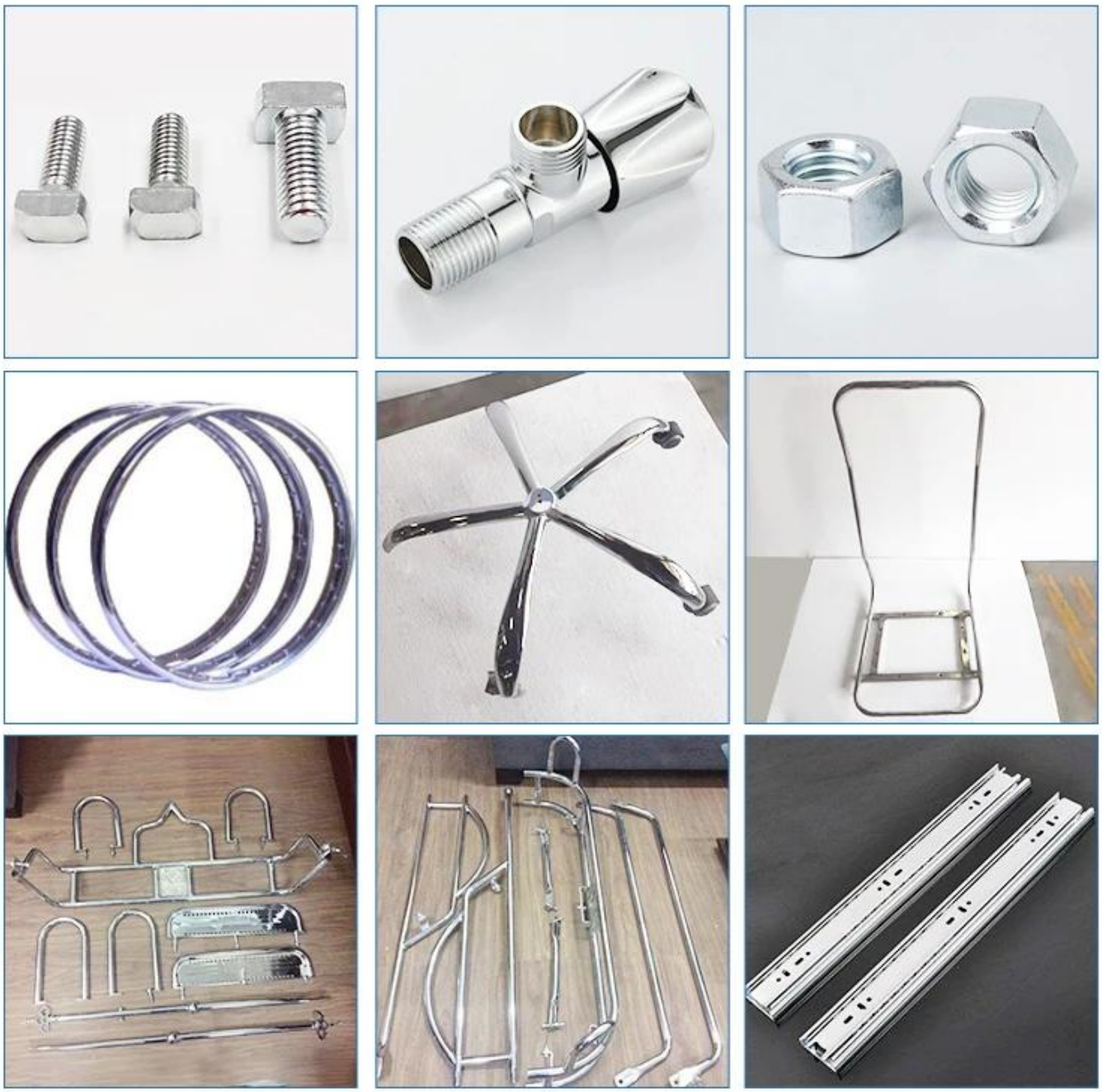
THE MAIN CONFIGURATION

1, PLC machine adopts Japanese Mitsubishi Electric Corporation products;
2, inverter byJapan's Mitsubishi Electric Corporation products;
3, touch screen with Kunlun-state electrical company's products;
4, proximity switches and photoelectric switches from Germany Turck Electric products;
5, contactors and thermal relays Suzhou Siemens Electric Company products;
6, chemical degreasing tank 304 stainless steel electric heating tube heating, power of 48KW, 220V;
7, hot water tank made of 304 stainless steel electric heating tube heating, power 10KW, 220V;
8, anode lift sump 304 stainless steel electric heating tube heating, power of 24KW, 220V;
9, activation tank using 304 stainless steel electric heating tube heating, power 10KW, 220V;
10,Automatic temperature control using Yan Ling Electric Company products;
11, Truck traces using Shanghai Nanyang Fujikura's advanced 40-core flat cable;
12, All control cabinet, reasonable design, elegant, exquisite appearance, easy to operate, so that moisture and corrosion. Control cabinet wiring structured, clear and accurate line number, all elements have clear labeling on the operation panel in English.
13, system with automatic and manual control functions,under normal circumstances, the system is in automatic operation, such as the residence time of the workpiece in each groove, traffic levels and lifting speed. Each lane start, stop, promotion, reduction in operation and the shift can be controlled manually, but this time the other part is still controlled automatically. When a local problem in need of repair, driving to go to the manual operation, the production line can continue to run.
14, System program with interrupt, power and memory function, easy to handle unexpected situations.
15, system is equipped with the full range of emergency stop devices to prevent accidents.
16, for the user product diversity, the system can be easily modified to run the process sequence.

HIGH QUALITY ACCESSORIES

High quality accessories, strong and durable,
reduce the frequency of replacement

FINISHED PRODUCT AFTER PLATING ZINC/NICKEL/CHROME



Barrel plating automatic production line can be adapted to a variety of small parts, standard parts and various types of plating needs substantial increase in labor productivity. Plating has been provided to expect from the rejection of the full set of water and drying equipment.

1. Large roller can be extremely PP PP-casting materials, CNC machine drilling.
2. The transmission system adopts each station of a transmission gear coupling, electromagnetic speed.
3. Automatic weighing feeding device can reduce labor intensity.
4. passivation automatic folder barrel washing equipment and automatic rejection of water color dryer.

We can offer from plating material dumped water drying until a full set of equipment. Special accumulated rich experience in zincate solution passivated galvanized wash tub and clip color equipment,

roller and PP template for a national patent.

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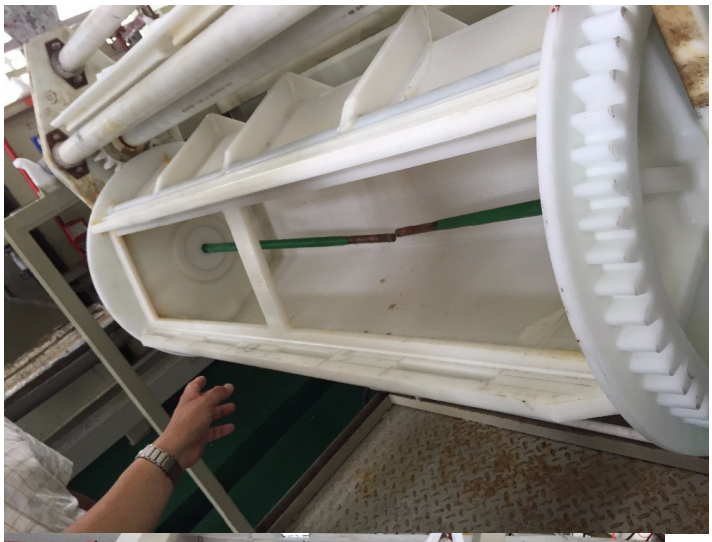
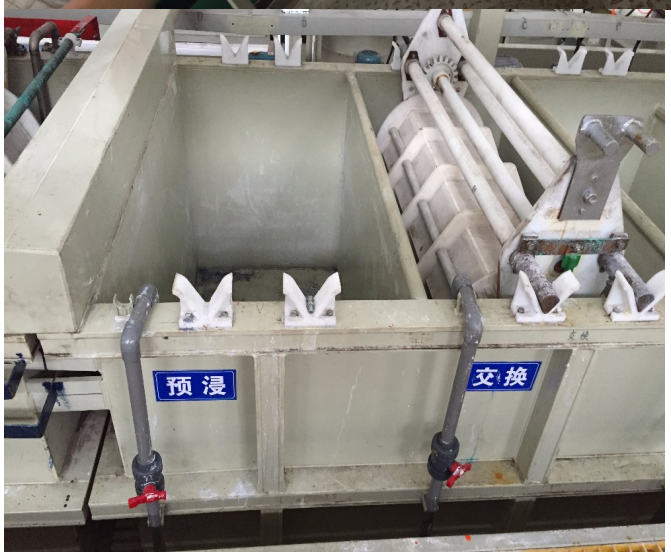
Item	
1, Material of tank	3mm304 stainless steel , PP
2,Material of framework	Square steel tube
3,Control system	PLC,computer control
4,Heating model	Electronic, steam, hot water
5,Model of transporter	Automatic ,semi-automatic ,Manual
6.Surrounding equipment	Rectifiers, filters,pipe, air blower,waste gas treatment system
7,Warranty	12 months.
8,Advantages	Flexible design,safe,stable and high strength, automatic weighting and loading.
9,Applications	Different kind of plating for metal products.
10,Contactor (switch) and thermal relay	Siemens Brand .





Packaging & Shipping

exhibitions