Winner hydraulics

WE CONNECT



Industrial and Mobile Solutions

SINCE 1993

WINNER HYDRAULICS CORPORATION

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COMPANY PROFILE

Founded in 1993, Winner's main products include hydraulic screw-in cartridge valves, solenoid valves, power packs, manifolds and coils.

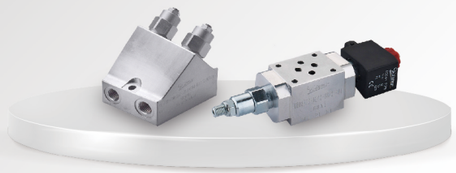
We have the best R&D team to provide various hydraulic solutions. Winner delivers competitive and high quality products to our customers through our own in house comprehensive manufacturing system.



Cartridge Valves



Electro-Proportional



Manifolds



Power Packs

THE COMPANY





Winner Hydraulics | Huatan Factory

Established in : 1993

Location : Changhua, Taiwan

Function : Design, Development, Manufacture, Sales



Winner Hydraulics | Hemei Factory

Established in : 2014

Location : Changhua, Taiwan

Function : Zinc-Nickel Plating



Winner Hydraulics | CTSP Erlin Factory

Established in : 2022

Location : Changhua, Taiwan

Function : Manufacture, Second R&D Center

MILESTONES

1993

Established Winner Hydraulics

2006

Winner brand registered trademarks in 11 countries

2017

Huatan Factory became a smart factory

2019

Invested and expanded factory in CTSP Erlin

2021

Awarded TTQS (Talent Quality-Management System)

2022

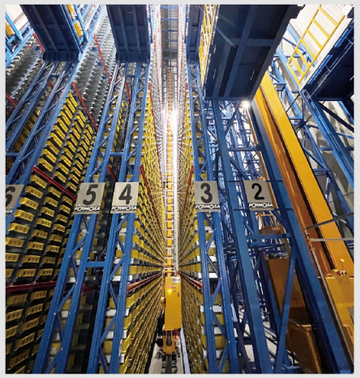
CTSP Erlin Factory started operation

Winner's New Factory





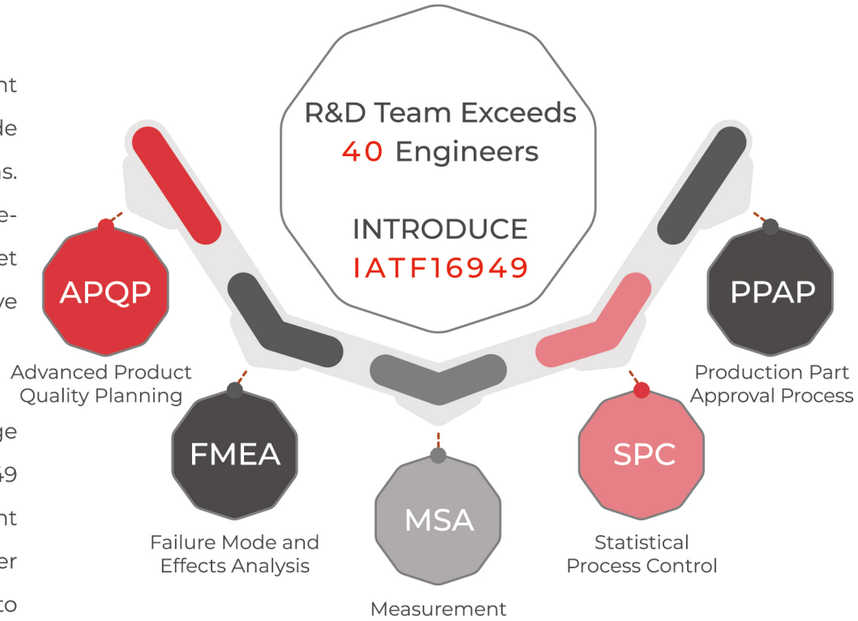




R&D

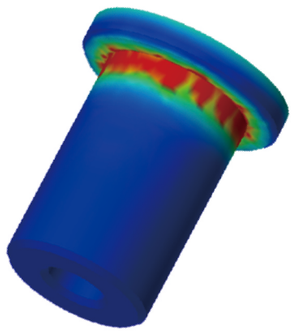
The Winner's R&D department exceeds 40 engineers to provide the best hydraulic solutions. Our engineers constantly develop new products to meet customers' demands and have 30 years design experience.

The hydraulic screw-in cartridge valves are imported IATF 16949 in research and development phase. Winner is able to offer PPAP quality files according to customers requirement.

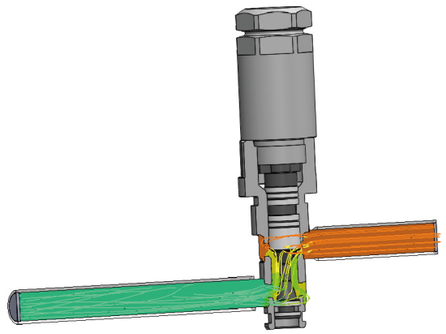


Product Simulation Analysis

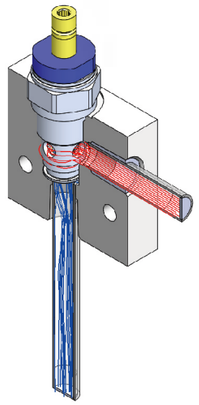
Winner also applies CAE (Computer Aided Engineering) to analyze and simulate the material, structure and performance of the screw-in cartridge valves.



- Strength Analysis



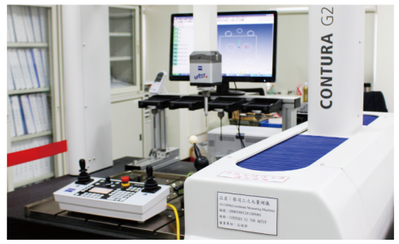
- Product Performance



- Structural Improvement

QUALITY

At Winner, we directly import top quality materials which are then inspected with our thermo scientific advantage metal analyzer. After machining, all parts are inspected by various sophisticated inspection instruments, such as roundness measuring machine, surface roughness tester and 3D coordinate measuring machine (CMM), etc.



- 3D Coordinate Measuring Machine (CMM)

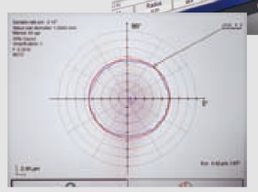


- Themo Scientific Advantage Metal Analyzer

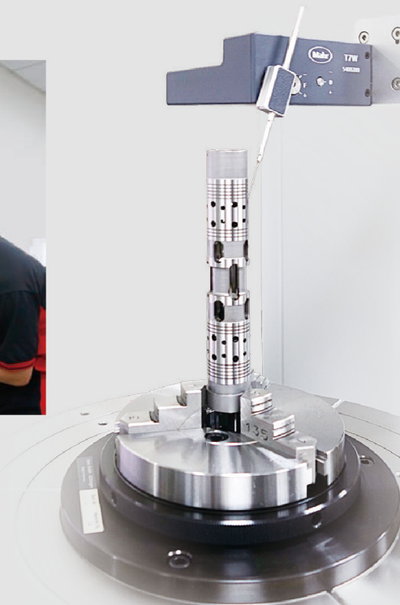


- Automatic Rubber Hardness Tester





- Roundness Measuring Tester



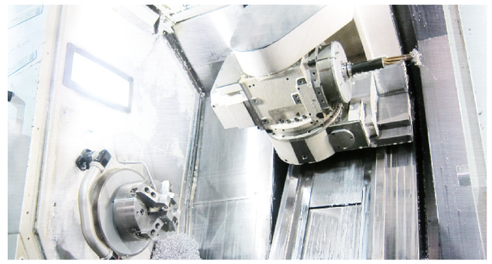
PROCESSING EQUIPMENT

A Wide Variety of World-famous Machining Equipment

In order to manufacture products which require extremely fine tolerances, both equipment with high precision and highly skilled machinists are required. To meet this commitment, we have constantly introduced a wide variety of world-famous machining equipment such as turn-mill complex machines, CNC machining centers, welding machines, grinding machines, honing machines and lapping machines etc. These allow us to fully control accuracy.



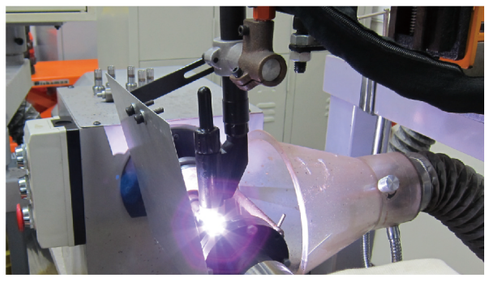
6 Pallet Change Horizontal Machining Center



5 Axis Turning Milling Complex Machine

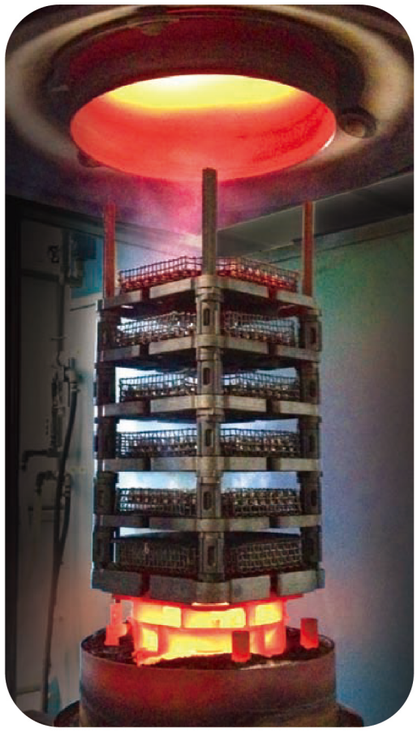


Twin-spindle Twin-turret CNC Lathe



Automatic Welding Machine

HEAT TREATMENT



To ensure Winner products achieve the dependable mechanical and physical properties, we have invested heavily in various heat treatment equipment for our production line to perform carbonitriding quenching, tempering and nitriding in house.

All parts are subject to metallurical structure inspection, hardness test and constant fatigue test. Everything we do is to ensure each product from Winner will deliver the best possible quality you have come to expect.

Winner's Zinc-Nickel Plating protecting to 1000 hours in salt fog test according to DIN EN ISO 9227.



▲ Zinc Plating



▲ Zinc-Nickel Plating

WINNERcoat™ Zinc-Nickel Plating

a **Winner** Standard

Winner's modern facility includes plating equipment which provides standard zinc-nickel plating for cartridge valves. Zinc-nickel plating offers better corrosion resistance than zinc plating.



ASSEMBLY AND TEST

100% Product Function Test

Winner tests every cartridge valve and hydraulic power pack before shipping. These tests ensure Winner products will perform according to design specifications even when used in harsh working conditions or poor environmental conditions. Meeting customers' requirements is a force that drives us to progress and Winner is committed to provide a total solution for our customers.



SMART FACTORY

For the recent years, industry 4.0 is more popular. Winner values the factory management and has imported a lot of systems to manage orders, manufacturing and even purchasing.

ERP
Enterprise Resource Planning

APS
Advanced Planning and Scheduling System

PLM
Product Lifecycle Management

WMS
Warehouse Management System

MES
Manufacturing Execution System

CRM
Customer Relationship Management

SERVICE

Now, Winner has 30 years' experience that we can provide customers with professional services and hydraulic solutions. Winner has complete management system that assist us in production, manufacturing, finance, storage and customer relationship. Winner sells its products globally and is now an international leading designer and manufacturer of high performance hydraulic screw-in cartridge valves and hydraulic power packs with products sold to over 60 countries around the world.

Winner Hydraulics, We Connect.







01 Distributors/ Agents Around the World

Japan, Germany, United Kingdom (UK), Italy, Korea, United States (USA), Switzerland, Singapore, Turkey, Poland, China, Sweden, Denmark, Norway, Finland, New Zealand, Austria, Netherlands, Belgium, Canada, Mexico

02 High Quality, Stable Delivery

Accurate on-time delivery management and strict 100% function test before shipment

03 Quick Response

Per customers' requirement or questions, provide fast and perfect solution.

Contact Us

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