



Shenzhen Hechuang Hitech Co.Ltd.

Introduction of the
enterprise



HC TECH

HC Tech (headquarter)

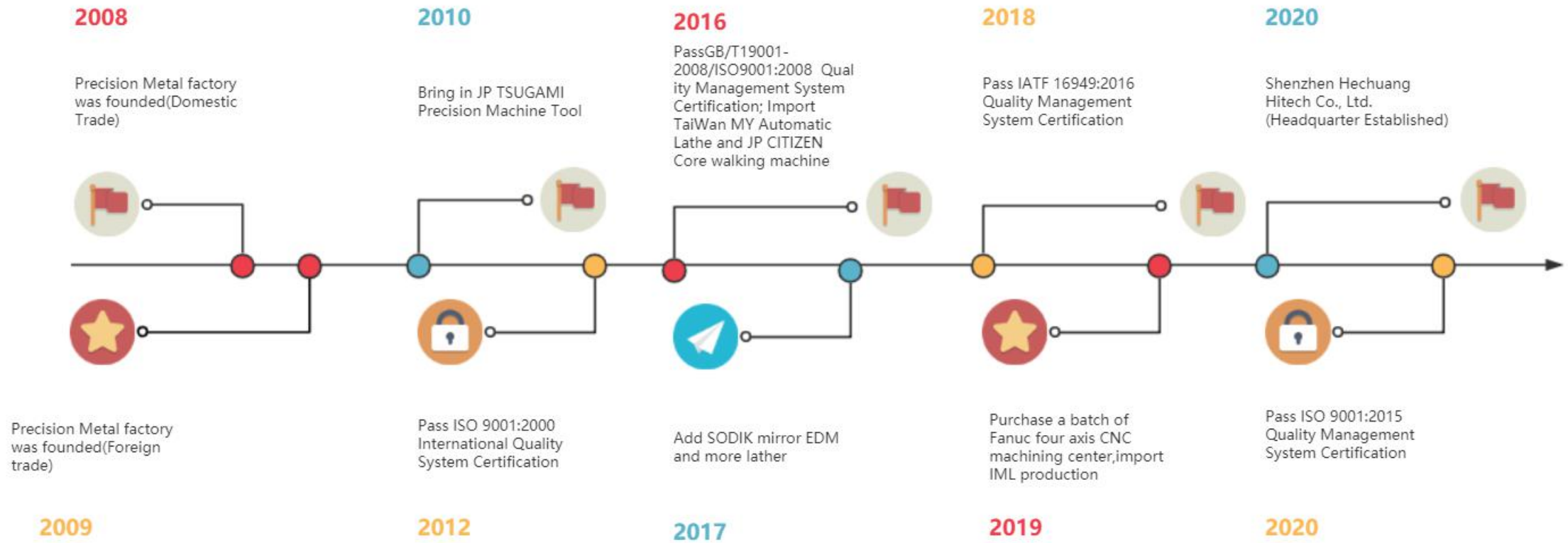


**NO.1 Precision metal
factory(Domestic trade)**



**NO.2 Precision metal
factory(Foreign trade)**

Development history of the company





Introduction

No.1 precision metal factory (Domestic trade)



No.2 precision metal factory (Foreign trade)



Shenzhen Hechuang Hitech Co., Ltd., started from 2008, located at Shenzhen - the forefront city of reforming and high speed development. We specialized in CNC High Precision Machining Parts with ISO9001:2015 & IATF16949 Certified. We have more than 200 sets high precision equipment, 130 operators, 35 QC, more than 25 R&D staff and Designers . We are engaged in the production of small and medium size machined components from all types of metal and plastic to order. Our production is adapted to serial products, as well as the production of individual and prototype hardware parts.

We offer turning and milling machined parts of various types of material (steel, stainless steel, aluminum, zinc alloy, plastic , parts can be processed with CNC or conventional machines). Our offer also includes EDM wirecut, grinding, welding, bending and tempering. Products can be processed 2 or 3-dimensional. The product quality control is carried out through the process of manufacturing itself and at the requirements of the customer, we also attach a measurement processing.

After Years of experience, regular education of our employees, exceptional accuracy in material processing in a modern equipped machine world and flexibility in logistics are important factors that make it possible for us to maintain this long tradition and the satisfaction of our customers.

Our clients are companies from specialized technical areas e.g. Medical, Automotive, Automotion, Mechanical industries etc.

Our main goal is to provide HIGH quality services, acquire new customers and never stop upgrading our Technology!



Workshop①

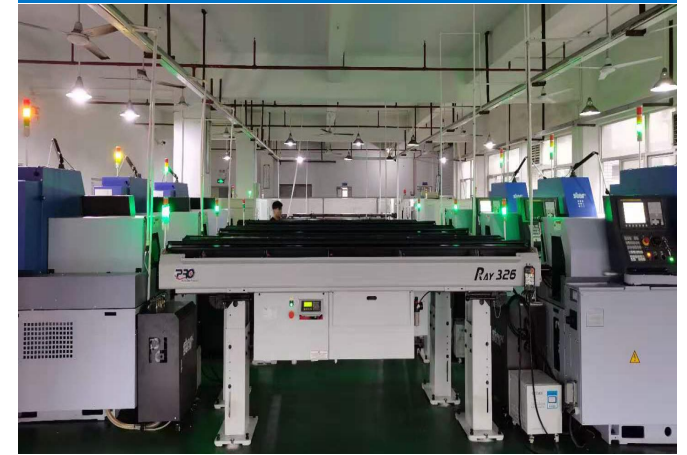
NC workshop with mechanical arm



CNC Processing center workshop



STAR five-axis precision automatic lathe



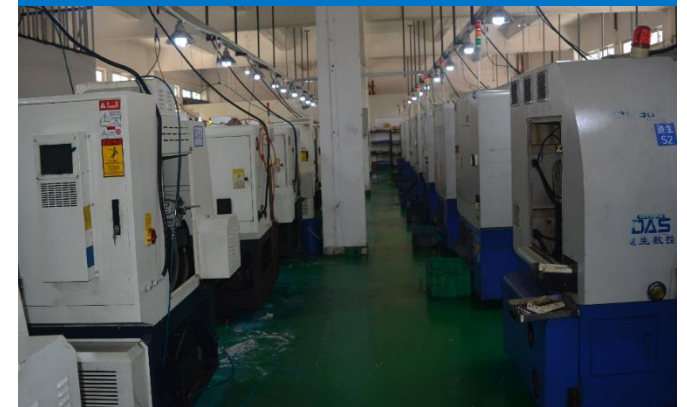
NC workshop



Turn-mill combination workshop



NC workshop





Workshop②

Five-spindle precision automatic lathe



Automatic screening machine



Four-spindle precision automatic lathe



Automatic lathe workshop



Three-spindle precision automatic lathe



Five-spindle precision automatic lathe





Product display

Automobile product ① — outer diameter size can be controlled within 0.005mm

Sensor product



Sensor product



Accessories product



Communications components



Hydraulic valve core



Spare parts





Product display

»»» **Automobile product ①**——outer diameter size can be controlled within 0.005mm

Gearbox fittings



Peripheral accessories



Peripheral accessories



Transmission parts



Hydraulic valve core



Gearbox fittings





Product display

» **Non-standard product**—outer diameter size can be controlled within 0.005mm

Non-standard product



Valve parts



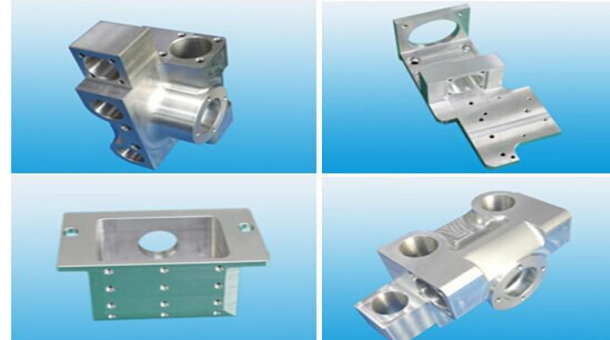
Ultra-precision parts



Non-standard product



Medical accessories



Worm connector



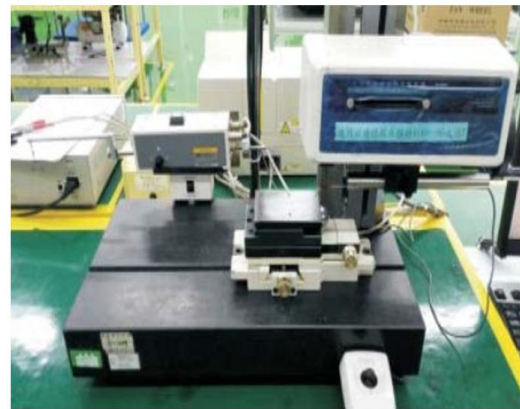


Testing room

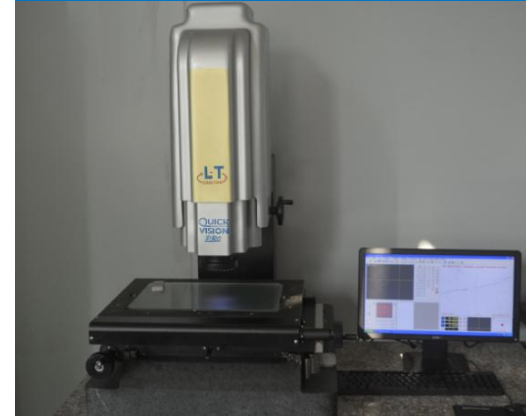
Three dimension measuring instrument



Roughness detector



Two point five dimension projector



Optical image screening machine



Material analyzer



Height gauge



Concentricity tester





Certification

ISO9001:2008



IATF16949:2016



ISO9001:2015



Domestic
partners





Foreign
partners

Equipment list of Precision metal dept.

Production equipment	Production Place	Quantity(set)_	Accuracy	Notes
Turning and milling compound machine	Taiwan	4	±0.003mm	underφ220mm
Five-axis CNC router	STAR,Japan	11	±0.002mm	underφ20mm
CNC lathes	Taiwan	3	±0.003mm	underφ180mm
CNC lathes	China	57	±0.005mm	underφ180mm
CNC lathes	China	4	±0.01mm	underφ380mm
Automatic lathe	Taiwan	69	±0.01mm	underφ15mm
CNC machining center	Taiwan	12	±0.005mm	600×400
CNC machining center	China	3	±0.005mm	
Four-axis CNC machining center	FANUC Japan	4	±0.002mm	800×500
Milling machine	China	6	±0.01mm	1000×400
NC Large-precision plane grinding machine	Taiwan	1	±0.002mm	1000×500
Precision plane grinding machine	Taiwan	2	±0.002mm	300×200
Drilling machine	China	5	±0.1mm	1000×1000
Sawing machine	China	2	±0.2mm	400×600
CNC PRECISION AUTOMATIC LATHE	Japan	22	±0.005mm	

Material, surface treatment and heat treatment

➤ Scope of the material:

- SS series/S**C series/NAK series/SKH series
- DC53/H13 (SKD61)/SCM series/420P20 (PX5 HPM7)/SKS/17-4PH/SUJ-2, etc.
- Stainless steel: SUS303/SUS304/SUS316/S136, etc.
- Aluminum: AL2014/AL2017/AL5052/AL6061/AL6062/AL7075/YH75, etc.
- Cuprum: C1100/C2800/C3600/C3560/BeCu/Carobronze, etc.
- Plastic: Teflon/Acrylic/POM/PC/Nylon/PET/ABS /DERLIN/PEEK, etc.
- Another: Titanium alloy, PBI, STAVAX, etc.

➤ Surface treatment:

- Electroplate (Zinc, nickel, chromium, titanium, etc), Oxidation (Hard oxidation, white, black and other colors), Black dye, electrophoresis, No electrolytic nickel plating, powder spraying, polishing, engraving, wire drawing, passivation, etc.

➤ Heat treatment:

- Vacuum quenching, tempering annealing, high frequency quenching, carburizing quenching, carbonitriding, soft nitriding, etc.



THANK YOU FOR WATCHING

Shenzhen Hechuang Hitech Co., Ltd.