

Dalai Precision

To be the world class most trusted precision parts supplier

Professional supplier with in-house engineering expertise and hundreds of thousands of products, we have the resources to meet customer needs to exceed customers expectations.

Dalai Precision– ABOUT US

Dalai Precision covers an area about 120000m². The company with 20 years industry experiences, has more than 120 employees、with CNC precision processing equipment's , high precision inspection equipment's, including CMM、 and Profile projector.

Dalai Precision has a strong and experienced team. To ensure high precision and stable quality level. Our products mainly are CNC machine shop custom metal parts, casting , machining, forging and stamping parts, fabricated metal parts, precision machining shop.

The products and services are involved in Mechanic industry, Aerospace, oil industry, energy, Gas, Maritime, manufacturers, Automatic, industrial equipment, Marine industry, Medical device. etc.



PRODUCTION EQUIPMENT



CNC Lathes



CNC Gantry machine



CNC Cam controlled Lathes



CNC Lathes



Multiple Spindle CNC (3 axis)



Multiple Spindle CNC (4 axis).



Multiple Spindle CNC (5 axis).



Fully meet customer needs.

Dalai Precision— Professional CNC Machining Center

Dalai Precision is a professional CNC parts manufacturer, we have rich experience and capabilities to handle complex aluminum parts machining and fabrication with high precision and accuracy. We have advanced machines for custom CNC aluminum parts, the power spindles enable us to cut aluminum at a rather high speed...

Our CNC machines allow us to machine even the most complex parts. Our ability to perform “lights out operations” delivers cost-savings to our customers to receive competitively priced precision parts that are delivered on time, every time.

TYPES OF MACHINES

- CNC Mills
- CNC Turning
- Lathes
- Plasma Cutters
- Grinding Machine
- Electric Discharge Machines
- Water Jet Cutters...



Our team



Around 20 years experiences

Provide customers with one-stop service: from design to proofing, trial assembly and production, processing to product delivery, complete service system... help customers quickly seize market opportunities



475 kinds of Materials available

Stainless steel : SUS301 SUS304 SUS316..., aluminum alloy series: al5052, Al1100, carbon steel; High strength steel; Copper, brass, red copper, beryllium copper, white copper, phosphor bronze...



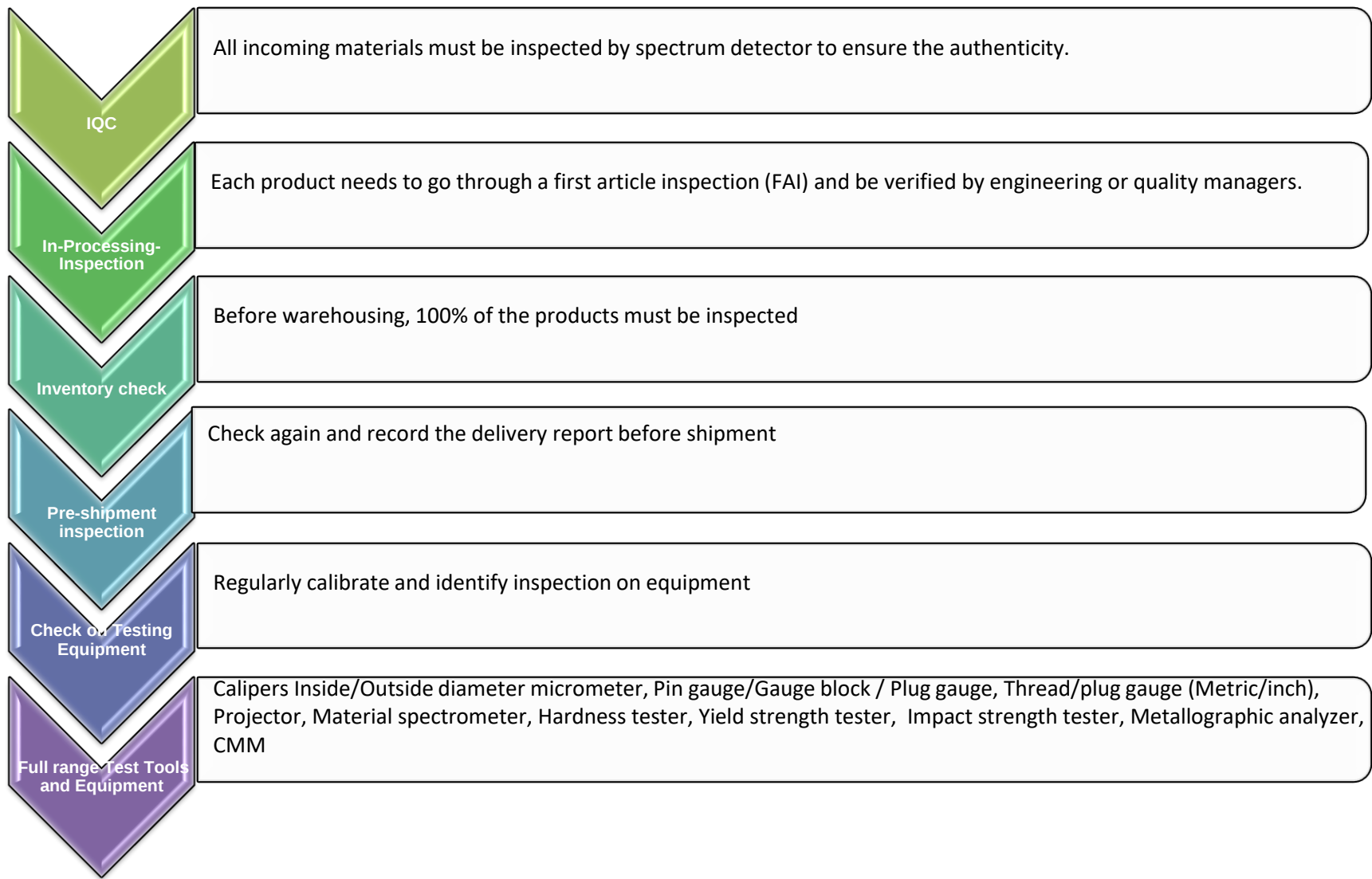
OUR CUSTOMERS

Our customer: HUAWEI, FOXCONN Group, APP TEC Medical, YUYAO Medical device,... Among them, there are 12 listed companies; Medical industry 9, customers in industries: Machinery industry, electronic, aerospace, energy, agriculture, Automotive, and more..

Dalai Precision– Quality Guarantee

Dalai Precision has a very professional quality control team in order to ensure all parts that leave the factory are of the highest standard.

For product materials and product quality, we strictly implement Dalai inspection procedures and standards or ISO related standards, which include material inspection reports, FAI, CMM final inspection reports, and corresponding reports required by clients from various industries, such as PPAP, FMEA etc. Our ultimate goal is to make our product 100% safe to use.

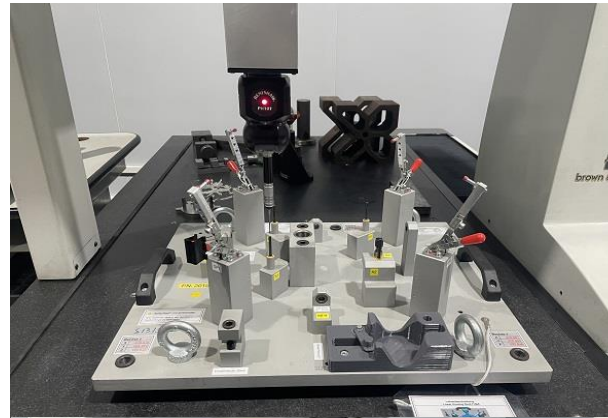


Dalai Precision– Quality Guarantee

Our Test Tools and Equipment

- Calipers
- Inside/Outside diameter micrometer
- Pin gauge/Gauge block / Plug gauge
- Thread/plug gauge (Metric/inch)
- Projector
- Material spectrometer
- Hardness tester
- Yield strength tester
- Impact strength tester
- Metallographic analyzer
- CMM

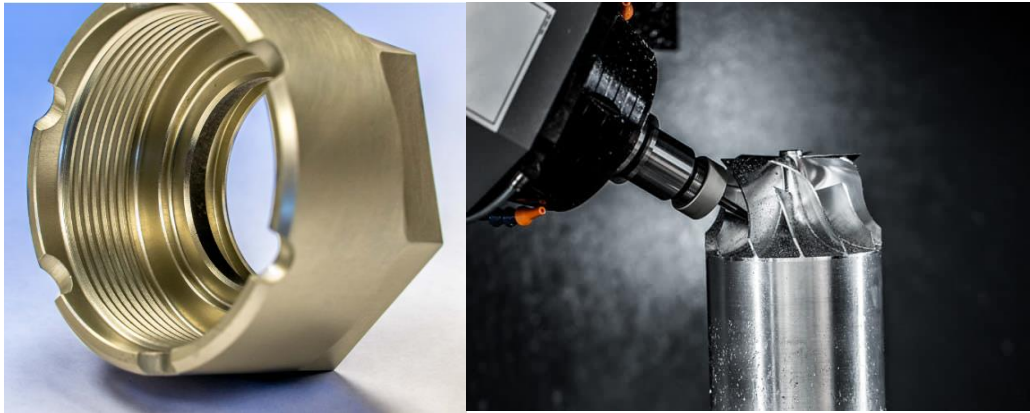
It is a device accurately measures the geometry of an object along X, Y and Z axes using a touch-trigger, scanning or vision probe to take a series of precise points on the surface of some complex and precise workpieces. For some complex and precise parts, it can complete parts inspection, shape measurement, process control and other tasks through continuous scanning. Our CMM is now widely used in inspecting precision parts, mold and moldings.



Dalai Precision— Precision Components

As a leader in custom precision component manufacturing, Dalai Precision has the right tools, resources, and experience to help your team develop the precision components you need for your specific application or end-use. From simple designs to components that require intricate work for multi-function use and everything in-between, we've seen it all.

Our multi-axis machining technology allows us to perform milling, turning, cross-drilling, engraving, and other machining techniques using a single machine. All-in-one machining operations like this allow us to eliminate costly processes, saving you time and money while ensuring your part is produced to your exact specifications.



Precision Components

Materials: Stainless steel, aluminum alloy series, conventional carbon steel series, high strength steel series, copper series

Precision parts

Precision parts

Medical equipment components, industrial components, precision electronics, aerospace components, new energy components, hardware accessories

Dalai Precision– Capabilities

Surface Treatments

In order to protect the product from rust and corrosion, or for the exquisite appearance of the product, it is usually necessary to do the corresponding surface treatment. We have rich experience in 30+ surface treatments.: anodizing, sandblasting, electroplating, powder spraying, painting, laser engraving, silk printing, blackening, polishing, etc.



Materials

We have a rich material library, as many as 475 kinds of materials available. Common materials that can be handled through our CNC machining service are mainly a variety of metals and plastics: aluminum alloy, stainless steel, Carbon Steel, Alloy Steel, Brass, Copper, Bronze, Titanium, magnesium alloy, zinc...



Dalai Precision— Capabilities

Steel Forging

Forging is a process method of using a forging machine to obtain a forged piece with certain mechanical properties, a certain shape and size. Forging and stamping are both plastic working properties, collectively called forging.



Sheet metal fabrication

It is the manufacturing process that shape a piece of sheet metal into the desired part through material removal and deformation. Sheet metal can be cut, bent, and stretched into the desired shape. Material removal processes can create holes and cutouts in any shape. Deformation processes can bend the sheet numerous times to different angles or stretch the sheet to create complex contours.



CNC Precision Parts

Our CNC turning parts measuring up to 25 inches in length, meeting ultra-tight tolerances of $\pm 0.0002"$. We could machine all kind of material , includes all types of steel, cast iron, aluminum, copper, brass, and bronze, as well as plastics such as nylon, acetal, PTFE, and fiberglass. We can work in standard or metric dimensioning depending on your requirements.



Surface Treatment

We provide professional surface treatment services, Anodizing, plating, Electrophoresis, Passivation, Blackening, Laser Engraving, Silk Screen Printing, Powder Coating/Painting, Sandblasting....

Heat-
treatment



Electroplating



Blackening



Mirror
Polishing



Satin
polishing



electropolishing



Zinc nickel
alloy



DACROMET



Dalai Precision– Industries

Whether you are creating a new product or repairing existing equipment, Dalai Precision provides the precision parts you need when you need them. Our manufacturing facilities represent a diverse supply base for multiple industries, including aerospace, medical, energy, agriculture, Automotive, and more..

No matter how complex the application, as a professional supplier with in-house engineering expertise and hundreds of thousands of products, we have the resources to meet your needs.

Supply Chain& Purchasing



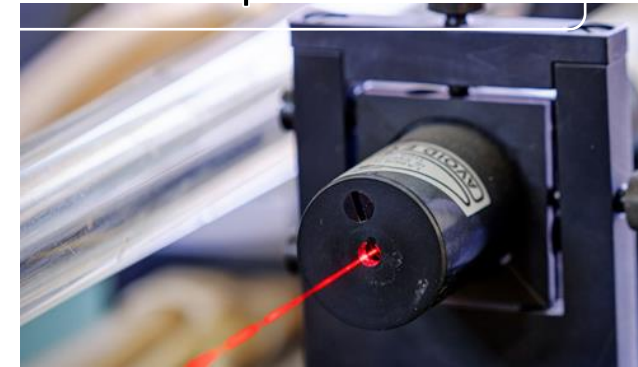
Aerospace



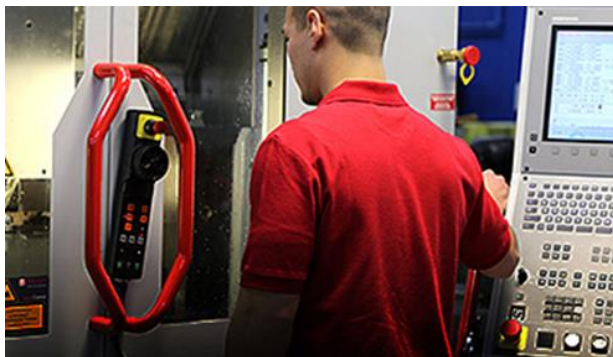
Automation



Optical



Tool and Die



Consumer Products



Medical



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Thank you!