



HSJ Metals

Professional OEM metal fabrication factory





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Shenzhen HSJ FAB Co., Ltd.

About HSJ



Company Profile



With our own manufacturing and trading capabilities, we are able to provide more **Efficient, Professional, Faster,** and more **affordable** services than any trading company that only plays a middle role between customers and factories.

HSJ Office

Add: Room 508, Building 1, Geya Technology Building, Martin Street, Guangming District, Shenzhen, Guangdong, 518106 China



Company Profile



Company Vision:

To become a globally influential enterprise in the metal fabrication industry

Company Value:

Create extraordinary value for everyone we touch

- More than 10 years experiences, served 50 customers from over 15 countries
- Provide customize different types of metal parts according to design files
- Quote in 24 hours after receive engineer drawings
- Eur leading company's supplier
- Offering assembly and test service, with lots of assembly cases
- Production progress visualization, timely update progress

HSJ Factory

Add: 1F, Building #3, Mash an tou No. 6 Ind Zone, Matian Street, Guangming District, Shenzhen, Guangdong, 518106 China

2015

HSJ began to upgrade its technology and introduced more advanced machines.

HSJ was founded and started metal fabrication business in 2015.

2016

HSJ's overseas markets are still achieving rapid development under the impact of COVID-19.

2020

HSJ started to provide one-stop services including design, production, assembly, testing and shipping.

2022

2023

HSJ has grown into a diversified enterprise, offering a wide range of custom sheet metal solutions, and served 50 customers from over 15 countries.



Organizational structure







Shenzhen HSJ FAB Co., Ltd.

Sheet Metal Fabrication



Sheet metal workshop



Laser cutting



Bending



Riveting



Stamping / Welding





Laser cutting machine

Producible

- **Material:** CRS, Aluminum, Stainless steel, Galvanized steel
- **Thickness:** 0.5-8mm
- **Positioning accuracy:** ± 0.1 mm
- **Size:** 5*9 M
- **Usage:** Laser cutting of metal sheet & coil and metal tubes



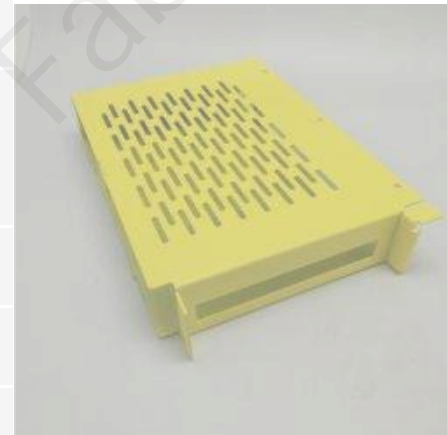
Bending machine

Producible

- **Material:** CRS, Aluminum, Stainless steel, Galvanized steel
- **Thickness:** 0.8-5.0mm
- **Positioning accuracy:** ± 0.1 mm
- **Size:** W1560*L3400 mm
- **Usage:** Bending metal sheets after laser cutting



Materials For Sheet Metal		Thickness	Finish
Cold rolled steel	SPCC SGCC SECC SPTE Tin plated steel	0.5-3.0mm	Powder coating Wet painting Silkscreen, Zinc plating Chrome plating
	Hot rolled steel		
Other mild steel	Q235	0.5-12mm	
Stainless steel	SS304, SS301, SS316	0.2-8mm	2B Finish raw material, Brushed raw material Brush, Polishing, Electro-polish, Passivate
Spring steel Suit for spring clips	SS301-H, 1/2H, 1/4H, 3/4H		None
	Mn65		Heat treatment
Aluminum	AL5052-H32 AL5052-H0 AL5052-H36	0.5-6.5mm	Chemical film , Anodizing Powder coating, Wet painting Silkscreen, Sandblasting Electroless Nickel plating Brush, Polish
	AL6061 AL7075		
Brass	Widely used in Electronic components	0.2-6.0mm	Tin plating Gold plating Raw material finish
Copper			





➤ **Application:**

Our products have a wide range of uses, such as automotive, medical industry, electronic instrument, musical Instrument Industry, Robot and so on.

➤ **Material:**

CRS, Galvanized steel, Aluminum, Copper, etc.

We can produce according to the materials required by the drawings.

➤ **Process:**

Laser cutting, Bending, Welding, Press riveting, Powder coating

➤ **Finish:**

Powder coating / electroplating / oxidation / polishing / passivation / Silk-screen printing

➤ **Tolerance:** $\pm 0.1\text{mm}$



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Indoor & outdoor Metal Cabinets





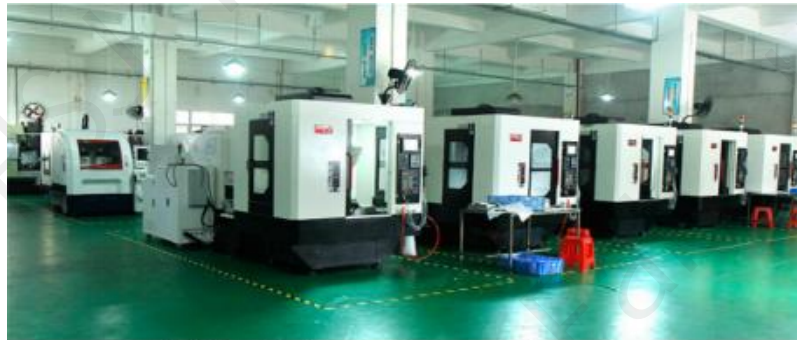
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CNC Workshop

Custom
Precision
CNC Lathe



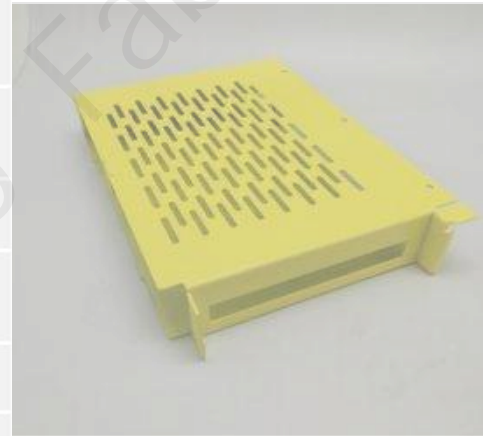
- CNC Machining
- CNC Milling
- CNC Turning
- CNC Drilling






Precision
CNC Milling
3/4/5-Axis





Plastic For CNC		Metal alloy For CNC		Finish
ABS	Deburr As Machined	Aluminum alloy	Al6061-T6,AL6061-T651	Deburr, Polish, Brush
Nylon			AL6063-T6, AL6063-T651	Anodize,Hard anodize
PC			AL7075	Sandblast
POM(Delrin)			AL1060,AL1100	Electroless nickel plate
Acetal			AL6082	Chromate/chrome chemical film
PEEK			SUS303,SUS304,SUS304L	Passivate
PPSU (Radel® R-5000)		Stainless steel Tool steel Mild steel Brass Copper Zinc alloy Titanium	SUS316,SUS316L	As machined
PSU			17-7 PH, 18-8 PH	As machined
PS			A2,#45,other tooling steel	Heat treatment
PEI (Ultem2300)			Steel 12L14	Nickel/chrome plating
HDPE				As machined
PTFE (Teflon)			C36000	Nickel/Gold/Tin plating
PMMA(Acrylic)				As machined
PVC				As machined



-  **Some of requirements:**
1. Precise dimension
 2. Guaranteed tolerance



Some of requirements:

1. Precise dimension
2. Guaranteed tolerance



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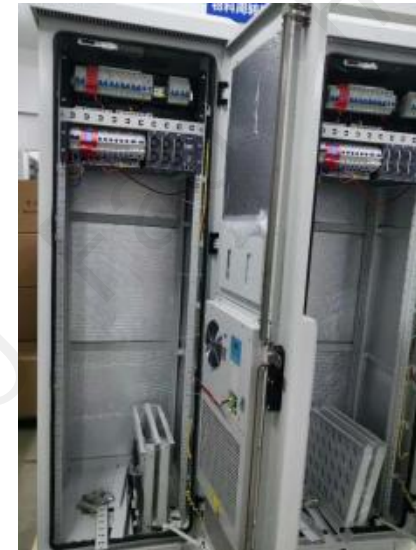
Assembly and test



Assembly



Testing



*Nice quality
100% inspection before shipment*





Certificates



ISO9001:2015
RoHS
SGS / TUV / BV



Shenzhen HSJ FAB Co., Ltd.

One-stop Service



www.hs fabrication.com



- Sheet metal fabrication
- CNC machining
- Die casting production
- Mold production

- Design
- Production
- Assemble
- Test

- Others



Major markets:

- The United States
- Canada
- Europe
- Australia
- Some Middle Eastern countries

Business industry:

Automotive, medical, consumer electronics, home appliances, robot automation, 3D printing, supermarket shelves and other



中国航天



COMEN

PHILIPS

FASTENAL

ZOLLNER



TRW
Automotive





**You take the first step,
We take all the remaining!**



1. Send your Design Files for RFQ

We will get back to you with our best offer as fast as 1 hour.



2. When you have a decision for the quote, we will send you the PI for deposit payment



3. We will confirm the final drawings and proceed the order for you against the bank slip



4. We will keep you updated and share parts pictures and QC report when parts ready



5. We will Ship the parts to you as discussed method and address and share tracking No.



+86 0755 - 2710 8658



+86 159 1538 7770



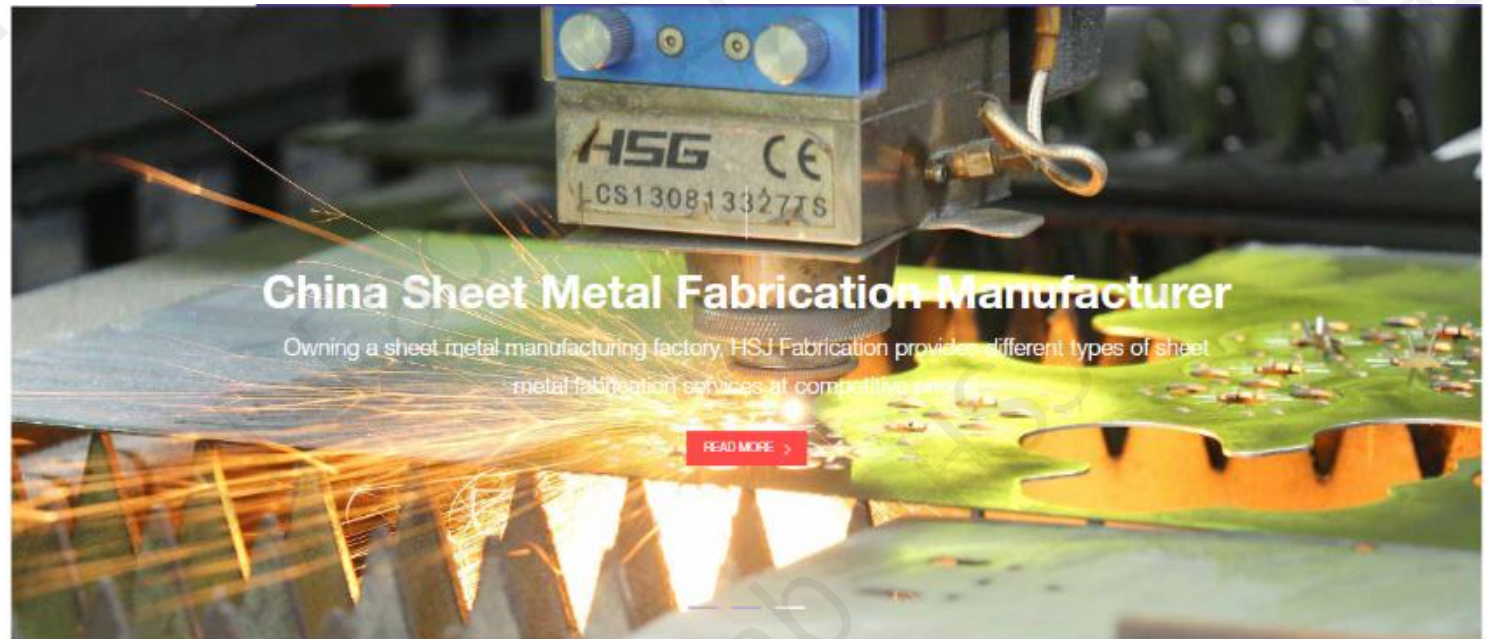
Andy@hsjfabrication.com



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Thank you for your time

HSJ will be your best supplier in metal fabrication field