

# 制造能力-生产现场Production site



GUXI ANG



**CNC 加工车间**  
CNC machining workshop



**走心机车间**  
Core control machining workshop



**车铣复合车间**  
turning-milling composite workshop

## 制造能力-生产现场Production site



冲压车间  
Stamping workshop



激光切割车间  
Laser cutting workshop



弯管车间  
Bending workshop

## 制造能力-生产现场Production site



**焊接生产线**  
Welding production line



**组装车间**  
Assembly workshop



**3D线材成型**  
3D wire forming

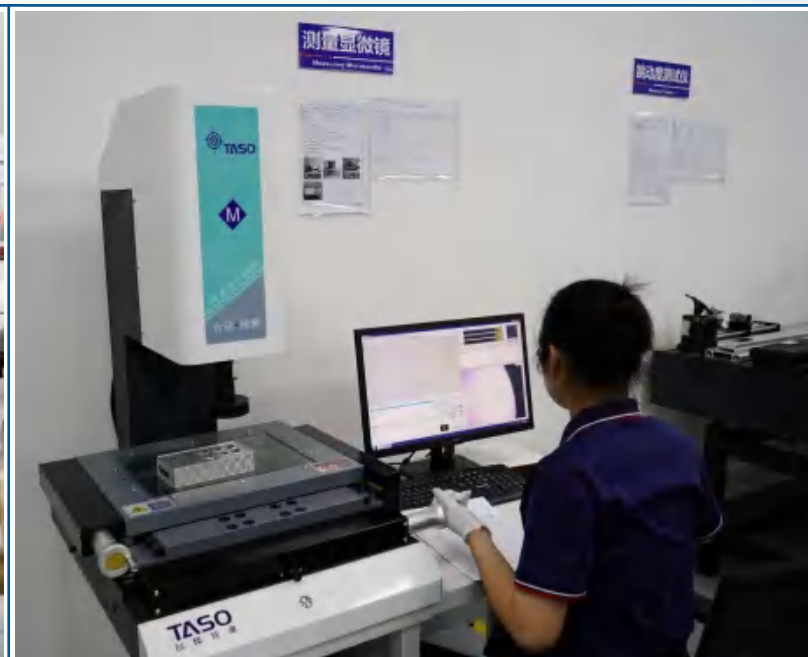
## 制造能力-检验现场 Inspection site



三维元实操现场  
3D practical operation site

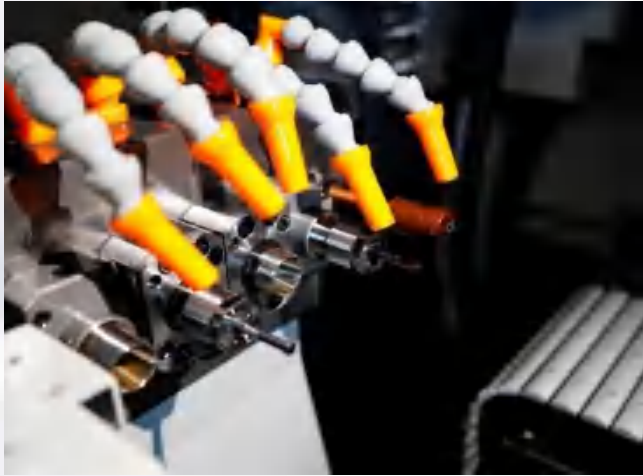


抽检现场  
Sampling inspection site



二次元实操现场  
2D practical operation site

## 制造能力-精密加工 Precision machining



▶ 引进日本STAR、津上走心机等高端设备，从简单CNC到复杂精密车铣、走心精密加工件，加工精度 $\pm 0.005\text{MM}$

Introducing high-end equipment such as Japanese STAR and Tsugami machines, from simple CNC to complex precision turning and milling, and core control precision machining parts, with a machining accuracy of  $\pm 0.005\text{mm}$



## 制造能力-激光切割 Laser cutting



**最大切割圆管：220mm**  
Maximum cutting circular tube: 220mm

**定位精度：-/+0.02mm**  
Positioning accuracy: -/+ 0.02mm

**有效切割管长度：6M**  
Effective cutting tube length: 6M

**最大切割厚度：<12mm**  
Maximum cutting thickness: < 12mm

**最大切割方管：150\*150mm**  
Maximum cutting square tube: 150 \* 150mm



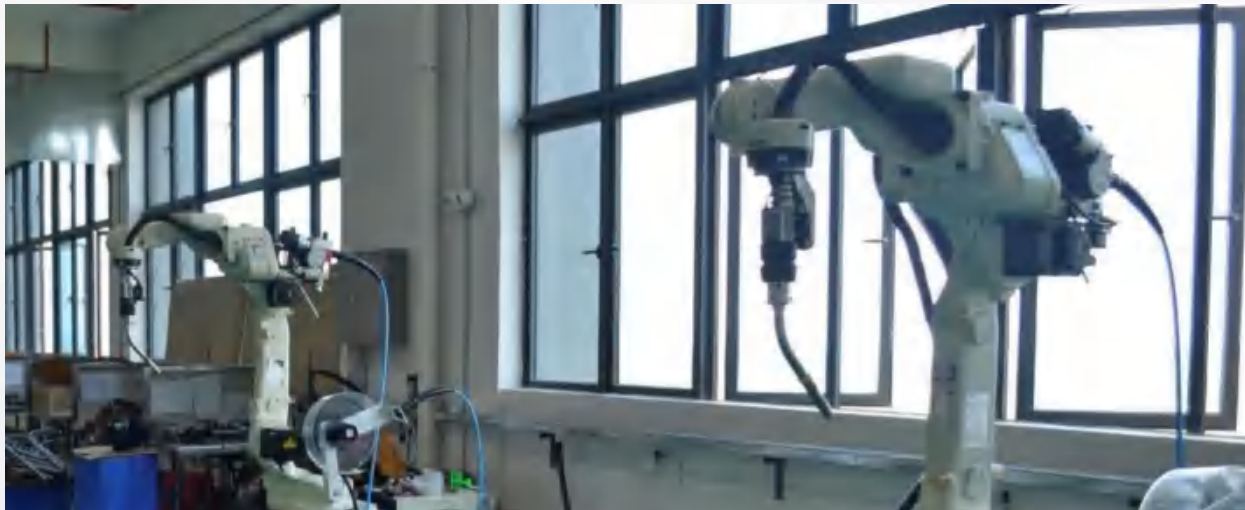
## 制造能力-焊接Welding

- ▶ **精湛团队赋能：拥有一只专业焊接工程师团队，人均15年+经验**

Exquisite team empowerment: With a team of professional welding engineers, each with 15+years of experience

- ▶ **高端设备领航：引入国际前沿焊接机器人，重复定位精度可达 $\pm 0.1\text{mm}$ ，远超人工焊接精度**

Leading high-end equipment: Introducing international cutting-edge welding robots with a repeatability accuracy of  $\pm 0.1\text{mm}$ , far exceeding manual welding accuracy



## 制造能力-锻造Forging



▶ **锻造能力：进口3D锻机，最大1500T，两边侧缸600T**

Forging capacity: Imported 3D forging machine, maximum 1500T, both side cylinders 600T

▶ **年产量可达18000吨。**

The annual output can reach 18000 tons.



# 制造能力-检测设备 Test Equipment



原子吸收光谱仪  
Atomic absorption spectrometer



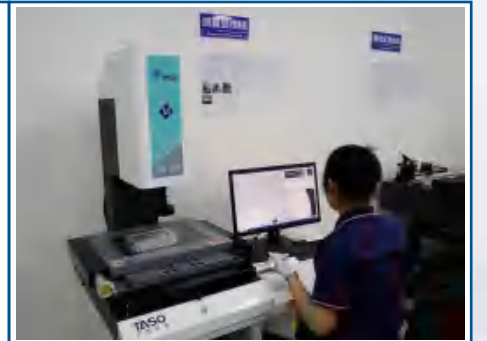
万能试验机  
Universal testing machine



三次元  
3D



高度仪  
ALTIMETER



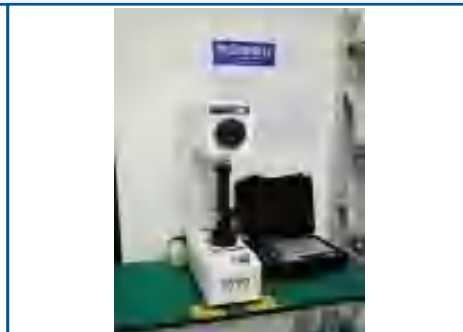
二次元测量仪  
2D Measuring instrument



盐雾实验箱  
Salt spray test chamber



恒温恒湿试验机  
Constant temperature and  
humidity testing machine



数显硬度计  
Digital hardness tester



粗糙度测量仪  
Roughness measuring  
instrument



膜厚仪  
Film thickness gauge

# 制造能力-检测设备 Test Equipment



力学拉力机  
Mechanical tensile machine



疲劳试验机  
Fatigue testing machine



数显显微镜  
Digital microscope



显微镜  
Microscope



色差仪  
Colorimeter



高度规  
Height gauge



高度尺  
Height gauge



数显千分尺  
Digital micrometer



同心度仪  
Concentricity meter



对色灯箱  
Color light box



# 制造能力-生产设备列表List of Production Equipment

S/N	机器类型	总数QT (台)	规格 (spec)
1	熔炉 Smelting Furnace	3	8T,10T,20T
2	挤型Extrusion	5	100T,1100T,1450T,1800T
3	热锻Hot forging	10	300T,400T(hot),630T,1200T,1500T
4	冷锻Cold-forging	17	63T,400T,200T.1200T,1500T
5	热处理Heat treatment	6	真空炉2台、网带炉2台、T4炉、T6炉
6	冲床stamping	9	25T*1、40T*4.100T*4
7	全自动油压高速精密圆锯机 Fully automatic hydraulic high-speed precision circular saw machine	2	JC-610-NC
8	震磨机Vibration grinder	4	/
9	激光切管机Laser pipe cutting machine	2	MK60020F
10	压缩机Compressor	1	CSC-22
11	CNC加工中心CNC machining center	27	ZF-T7/ZF-V8/MT52A(520)/XH7132/TP-500
12	数控车床CNC lathe	48	CKG130/LST-106等
13	走心机Core control machine	40	SB-20R type G斯大/津上s205A
14	圆锯机/数控弯管机 Circular saw machine/CNC pipe bending machine	4	3BCNC-4A-3S/50CNC-4A-3S/CH-HONC
15	自动缩管机Automatic pipe shrinking machine	2	TM40-1
16	油压机Hydraulic press	2	FT-104-60T
17	3D线材成型机3D wire forming machine	1	12转头3D机
18	高精度气体混配机 High precision gas mixing machine	1	BR200/2
19	激光焊接机Laser Welding Machine	1	ML-WF-BP-SCB-HW1500
20	脉冲TIG焊机Pulse TIG welding machine	5	IA-3000TP-CIC
21	焊接机器人Welding robot	2	NB61-CCFN



## 制造能力-检测设备列表List of Testing Equipment

### 检测设备/Detection Device/ Inspection Equipment

三次元	3DProjector (CMM)
二次元	Two Dimension Measuring Instrument/2D
粗糙度测试仪	Roughness Tester
盐雾测试机	Salt Spray Test Machine
偏摆仪	Deflection Instrument
膜厚仪	Coating thickness gauge
色差仪	Colorimeter
跳动度测试仪	Runout Tester
硬度计	Hardness Tester/Sclerometer
拉力计	Tensionmeter

### 检测设备/Detection Device/ Inspection Equipment

恒温恒湿试验机	Temp&Humi ProQprogrammable Chamber
万能试验机	Universal Testing Machine
原子吸收光谱仪	Atomic Absorption Spectrometer
高度仪	Height Gauge
高度规	Height Gauge
千分尺	Micrometer
卡尺	Callipers
疲劳试验机	Fatigue Testing Machine
各类螺纹规	Thread Gauge
光学显微镜	Optics Microscope

## 产品展示 Product Display



**原材料：铜、铝、不锈钢**

Raw materials: copper, aluminum, stainless steel

**工艺：走心机**

Process: Core control machine

**表面处理：电镀**

Surface treatment: Electroplating



## 产品展示 Product Display

**原材料：铜、铝、不锈钢**

Raw materials: copper, aluminum, stainless steel

**工艺：CNC车床**

Process: CNC lathe

**表面处理：电镀**

Surface treatment: Electroplating



# 产品展示 Product Display



**原材料：铝、不锈钢、PVC**  
Raw materials: aluminum, stainless steel, PVC

**工艺：数控车**  
Process: CNC lathe

**表面处理：电镀、阳极氧化**  
Surface treatment: electroplating, anodizing



## 产品展示 Product Display

**原材料：铜、铝、不锈钢**

Raw materials: copper, aluminum, stainless steel

**工艺：车铣复合、走心机**

Process: Car milling composite, Core control machine

**表面处理：电镀、阳极氧化**

Surface treatment: electroplating, anodizing



## 产品展示 Product Display

**原材料：铁管、铝管**

Raw materials: iron pipes, aluminum pipes

**工艺：切割、冲压、扩缩管**

Process: cutting, stamping, expanding and shrinking pipes

**表面处理：喷粉、阳极氧化**

Surface treatment: powder coating, anodizing



## 产品展示 Product Display



**原材料：铁管、铁板**

Raw materials: iron pipes, iron plates

**工艺：折弯、冲压、焊接**

Process: bending, stamping, welding

**表面处理：喷粉、烤漆、电泳**

Surface treatment: powder coating, baking paint, electrophoresis

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**谢谢观看！**

Thanks for your attention!

