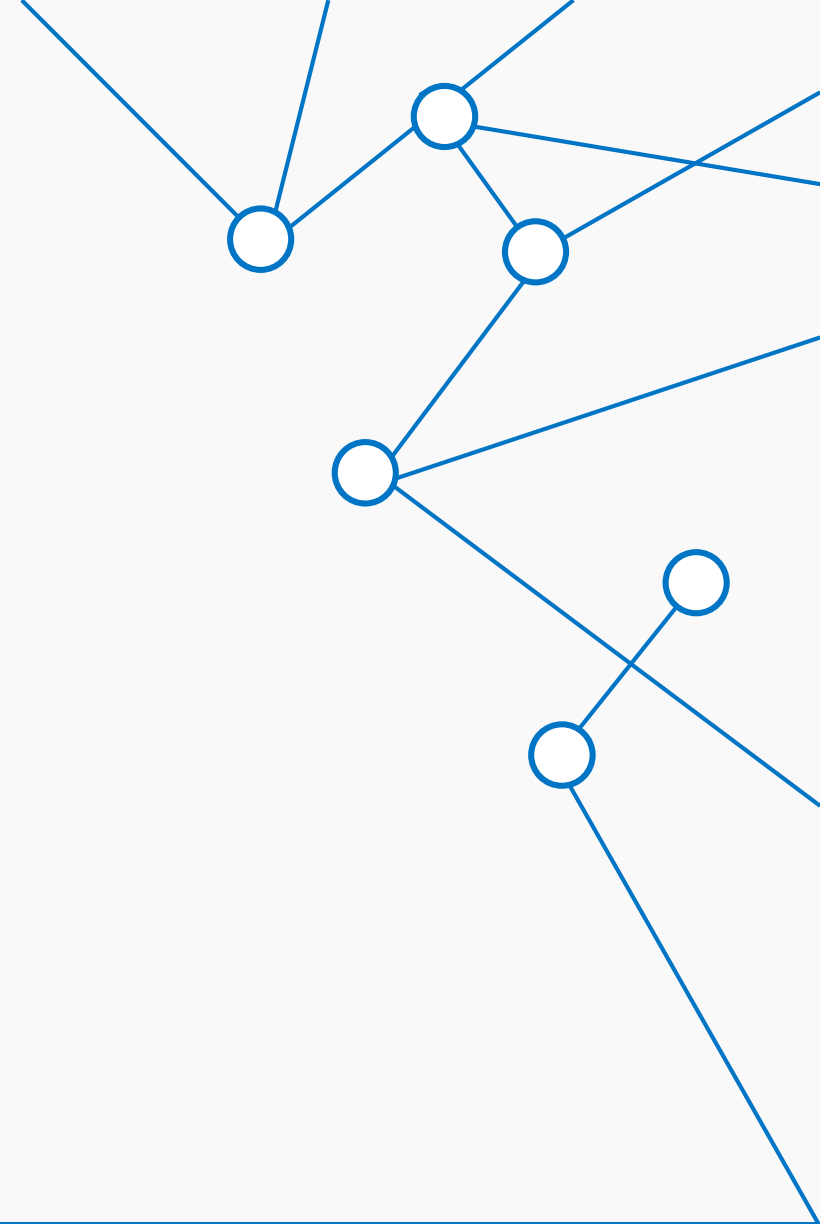




# Longwang Hardware

Company Profile



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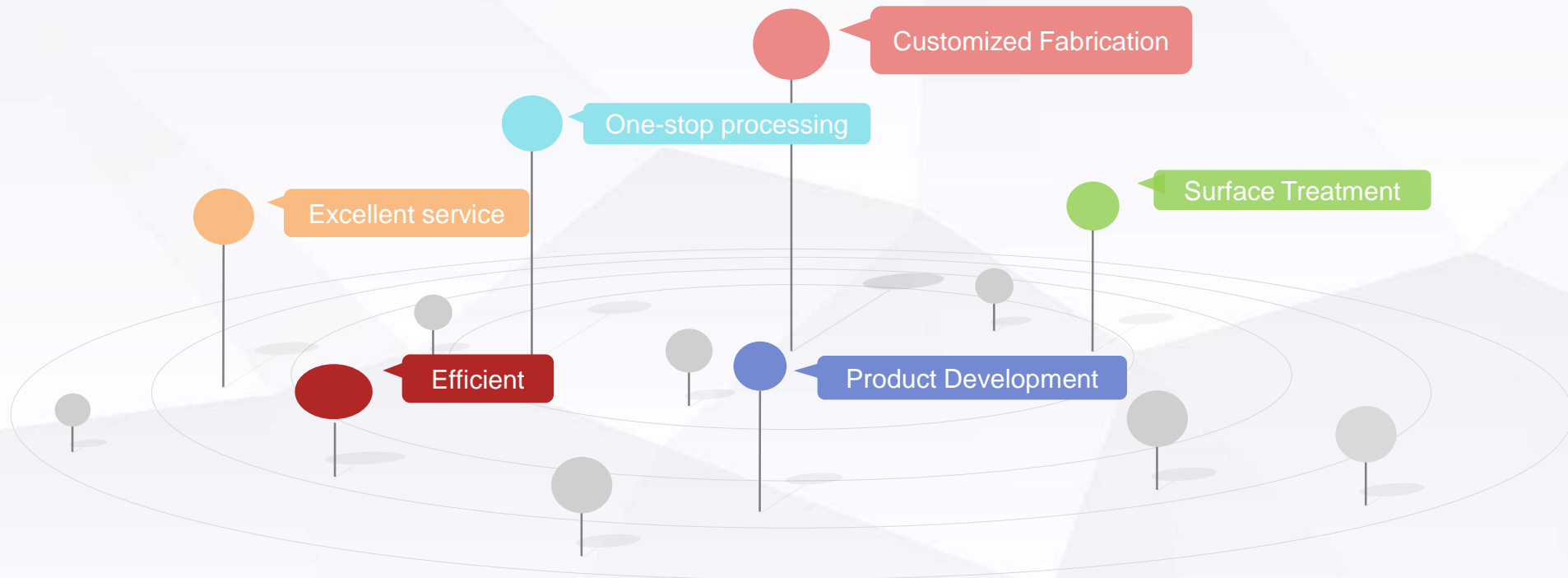
PART SEVEN

Company Culture

# 公司概况

About US

- Specialized in machining precision metal spare parts, who is qualified to be a general taxpayer and process ISO quality assurance system.
- We always devote to bring high quality products and comprehensive services to customers, as well as achieve reciprocity and mutual benefit status.
- With a team of professional and rich experience, and with keen market insight and quality service, we will cooperate with all parties to create a better future.



公司名称 Company Name	东莞市龙旺五金有限公司 Dongguan Longwang Hardware Co.,Ltd		
成立时间 Established Time	2008年7月1日 1st,July,2008		
注册资金 Registered Capital	CNY3,000,000 CNY3,000,000		
员工数量 Number of Employee	200+人 More than 200		
地址 Address 1.	广东省东莞市长安镇咸西莲湖路6号 No.6 Lianhu Road,Xianxi,Changan Town,Dongguan City,Guangdong		
Address 2.	广东省东莞市长安镇振安路沙头路段咸西工业园区微勤 Xianxi Industrial Zone,Shatou,Zhenan Road,Changan,Dongguan,Guangdong		
工厂面积 Factory Area	31648m <sup>2</sup> 31648 square meters		
经营范围 Business Scope	CNC电脑锣加工&CNC车床加工&冲压加工&注塑加工&压铸加工&钣金加工 CNC Milling Machining&CNC Turning Machining&Stamping Machining&Injection Machining&Die-Casting&sheet Metal Fabrication		
合作伙伴 Cooperative Partner	昂杰公司(Dongguan)	捷阳铝制品氧化-Anodized	柴桑模具厂(我司投资公司)
	东莞瑞源全自动喷油厂	众发好电镀厂	澳美五金材料有限公司 Aomei Material Co.,LTD

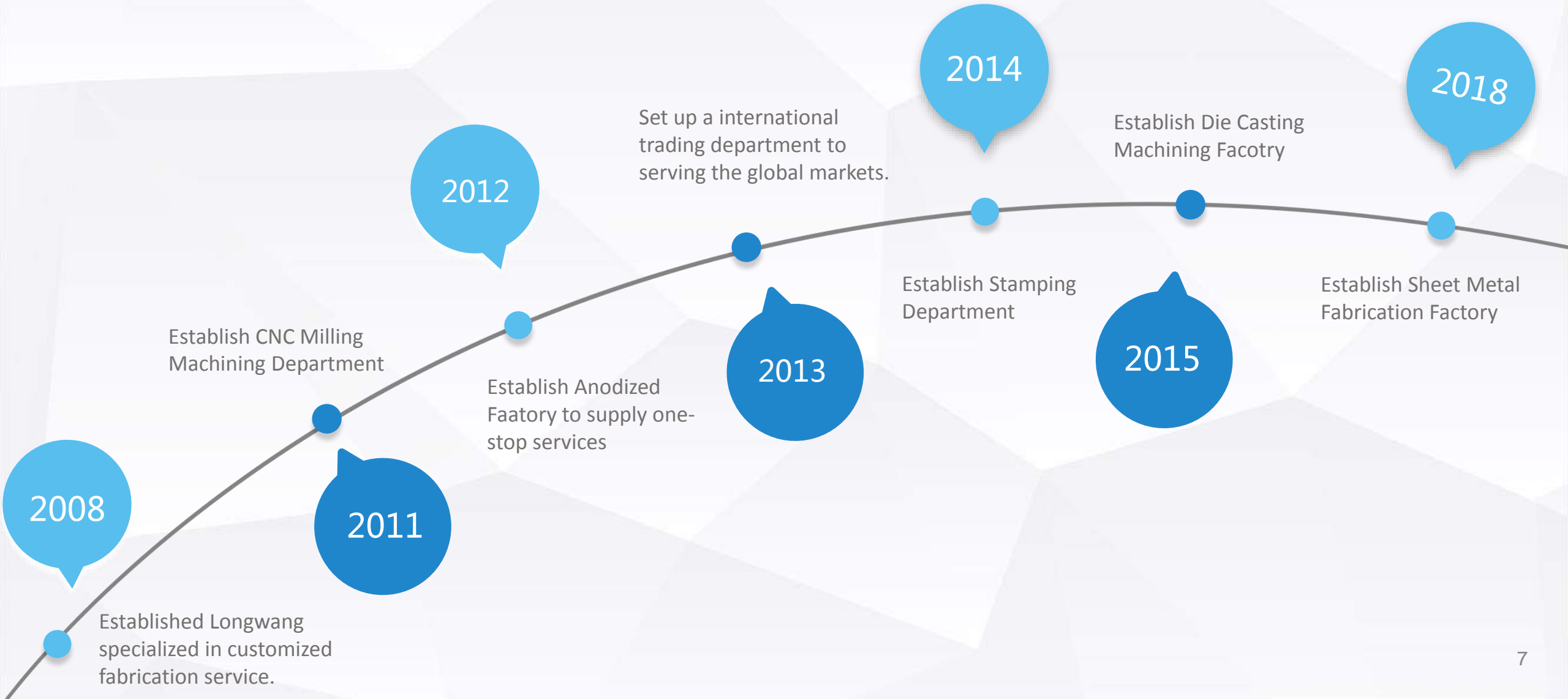


**Office & Team**



# 发展历程

Development History





# CNC加工

CNC Machining

## Equipment List

NO	类型 Type	名称 Name	规格 Specification	参数 Parameters	单位 Unit	数量 Qty
1	3轴机 3 Axis CNC machine	Brother	Japan Brother	CNC加工范围： 510mm*1020mm*500 mm 可控公差: +/-0.01- 0.05mm 表面光洁度：Ra0.1- 3.2  CNC milling work range: 510mm*1020mm*500 mm Tolerance: +/-0.01- 0.05mm Surface Roughness: Ra0.1-3.2	台/set	125
2		Hass	American Hass		台/set	115
3		HS 650 HI	润星数控/三菱M70系统 (TaiWan)		台/set	58
4		HS 850 HI	润星数控/三菱M71系统 (TaiWan)		台/set	15
5		三轴高速400	乔扬精密		台/set	120
6	5轴机 5 Axis CNC machine	北斗星 五轴	北斗星数控	台/set	25	
7	4轴机 4 Axis CNC machine	天英 四轴	天英精密机械	台/set	30	

## Equipment



机型 TC-S2D ( TC-S2D-O ) 10 , 000min-1 16 , 000min-1 CNC系统  
CNC-B00

移动量 X轴移动量 mm 500mm ( 700mm ) Y轴移动量 mm 400mm Z  
轴移动量 mm 300mm

工作台上面和主轴端面间距离 mm 180mm ~ 480mm

工作台工作区域尺寸 mm 600mm×400mm ( 800mm×400mm )

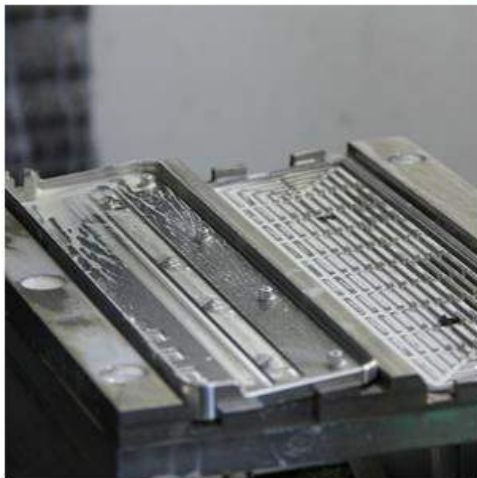
主轴主轴旋转速度 min-1 10 ~ 10 , 000 16 ~ 16 , 000

精度 \* 3 定位精度 mm 0.005mm / 300mm

重复定位精度 mm±0.003mm.



Workshop Live-action





Application



## Machining Material



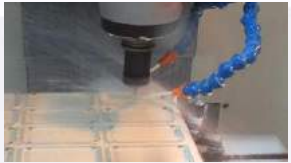
# Available Material

## 可加工材料

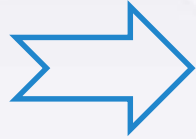
- Aluminum: AL 6061-T6, 6063, 7075-T etc
- Stainless steel: 303,304,316L, 17-4(SUS630) etc
- Steel: 4140, Q235, Q345B,20#,45# etc.
- Titanium: TA1,TA2/GR2, TA4/GR5, TC4, TC18 etc
- Brass: C36000 (HPb62), C37700 (HPb59), C26800 (H68), C22000(H90) etc
- Copper, bronze, Magnesium alloy, Delrin, POM,Acrylic, PC, etc.



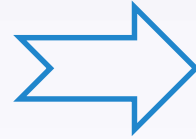
Sample Project



CNC machining



Mirror polishing



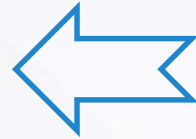
Field Exposure



Sand-blasting & Anodized



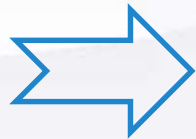
wash printing ink



2nd Anodized



Silk-screen



Laser Carving



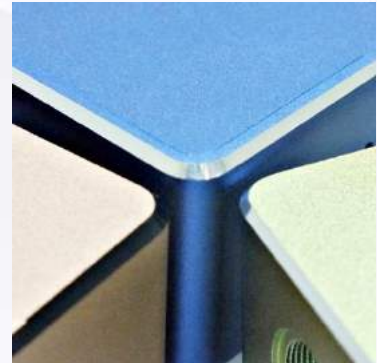
Polishing Chamfer



MAIN PRODUCTS



MAIN PRODUCTS



## 车床加工

CNC Lathe Machining



## Equipment List

NO	类型 Type	名称 Name	规格 Specification	参数 Parameters	单位 Unit	数量 Qty
1	CNC Lathe Machine	computer-based lathe(Compound CNC)	17走芯复合机床	车床加工范围：φ0.5mm- φ150mm*300mm 可控公差：+/-0.005-0.05mm 表面光洁度：Ra0.1-3.2  CNC Turning Work range : φ0.5mm-φ150mm*300mm Tolerance: +/-0.01-0.05mm Surface Roughness : Ra0.1- 3.2	台/set	16
2		computer-based lathe(Compound CNC)	46复合机床		台/set	5
3	Manufacture Equipment	铣床 Miller	horizontal milling machine		台/set	3
4		磨床 Grinder	614.S		台/set	1
5		攻牙机 Tapping Machine	SW-D		台/set	3
6		小钻床 Driller			台/set	3
7		抛光机 Polishing Machine			台/set	1
8		打磨机 Grinding Machine			台/set	1

## Equipment



适切材料：铜、铝、快削钢、碳钢、合金钢、工具钢、  
不锈钢等棒材

可以1次加工出外径1MM到11MM长60MM各种细长多阶梯  
精密轴类零件

Suitable materials: copper, aluminum, fast-cut steel,  
carbon steel, alloy steel, tool steel, stainless steel

It can process all kinds of slender multi-step precision  
shaft parts with outer diameter 1MM to 11MM length  
60MM once.



Workshop Live-action



Application





## Surface Treatment



## Available Treatment

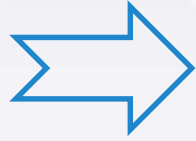
### 可加工表面处理

- ↗ Blackening; Vacuum Plating; Passivation;
- ↗ Heat treatment; Hardening; Nitridation;
- ↗ PVC; Anodized; Sand-blasting; Paint Spraying
- ↗ Polishing; Chrome Plating; Knurl; Laser etch Logo
- ↗ Power coating; Zinc/Nickel Plating;
- ↗ Electro Polishing etc.

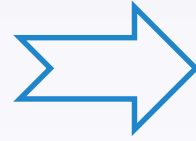
Sample project



CNC Lathe Machining



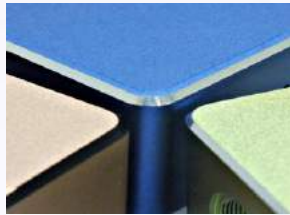
CNC Machining



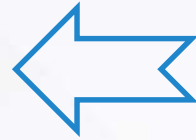
Centerless Grinding



Sand-blasting & Anodized



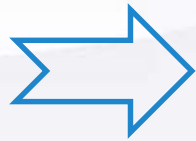
Polishing Chamfer



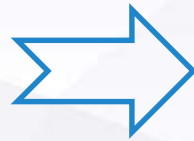
2nd Anodized



CNC Lathe machining  
Conduct Electricity Point



Laser Carving



QC



MAIN PRODUCTS



## 钣金加工

Sheet Metal Fabrication



## Equipment List

NO	类型 Type	名称 Name	规格 Specification	参数 Parameters	单位 Unit	数量 Qty
1	Sheet Metal Fabrication Equipment	Laser Cutter 2500W	Favor Laser Inc	加工范围： 1520mm*3030mm*12-50mm 可控公差：+/-0.005-0.05mm 表面光洁度：Ra0.1-3.2  Work range： 1520mm*3030mm*12-50mm Tolerance: +/-0.01-0.05mm Surface Roughness：Ra0.1-3.2	台/set	1
2		NCT Punch Press	HP1500-HP1250		台/set	3
3		NC Bending	YCN820-3012		台/set	6
4		NC Bending	RG50-RG35S		台/set	2
5		NC Cutter	2.5M		台/set	1
6		Mould Press	350T-8T		台/set	14
7		Manual Polishing	MHS-24A		台/set	1
8		Spot Welder	A350		台/set	5
9		Co2 Welder	YJ-350		台/set	3
10		Inverter Type Welder	FT-315		台/set	6

## Equipment



机种(Item) : AE251NT

冲压(Stamping) : 200KN ( 20吨 )

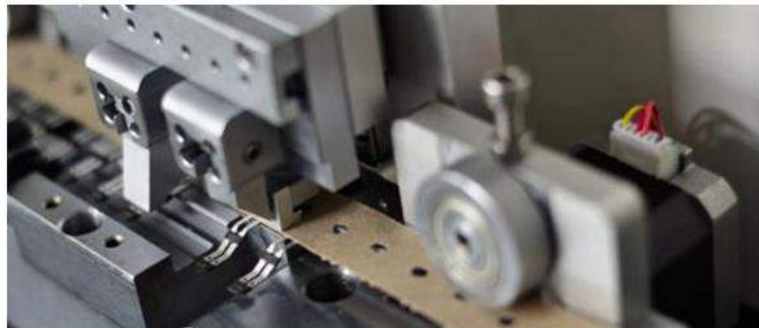
工位数(Workstation) : 58 ( 2AI )

最大加工板厚(Max Thickness) : 3.0mm毛刷台面 ( 6.4mm  
滚珠台面 )

轴移动量1次装夹(UxV) : 1270X2500mm

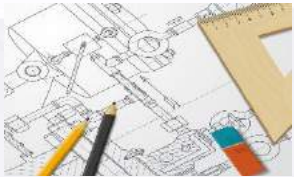
加工精度(Tolerance) : 0.1mm ( ±0.07mm柔和模式 )

Workshop Live-action

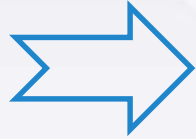




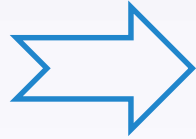
Sample project



Design



Stamping



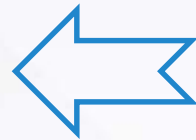
Bending



Spot Welding



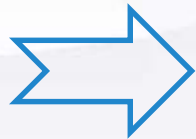
Welding



Sanding



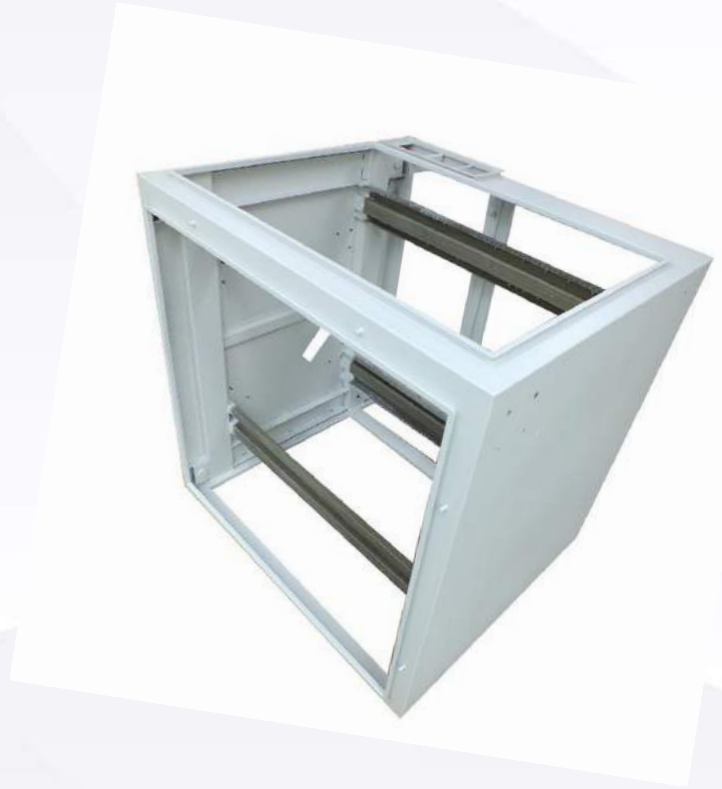
Surface Treatment



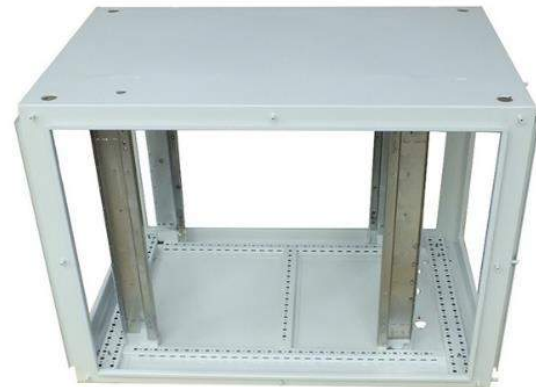
Assemble



QC



MAIN PRODUCTS



# 品质保障

Quality Assurance



## Quality Assurance



### Professional Team

With professional team, high-quality service, LW is your ideal choice.

### Import Machine

High-quality imported machine, which performance is stable.



### Fast & Reliable

Our facilities are modern, automatic, fast and reliable



### Quality Assurance

A perfect quality assurance system and unified inspection team.



### Technology Strength

The geographical position is superior, technology potentiality is abundant, business is developing smoothly.



## Quality Assurance



追求高精度量测，保证精度 $e=(3+4l/1000)\mu\text{m}$ 。

测量范围/Range：x=300\*y=300\*z=300 ( mm ) qm-333

测量范围/Range：x=300\*y=500\*z=300 ( mm ) qm-353

分辨率/Resolution：0.0005mm

测量精度/Precision： $e= ( 3.0+4l/1000 ) \mu\text{m}$

r=4.0um

Main Equipment



Type

Physical Dimension

Material Testing

Trustworthiness

Management

Equipment operation training

GR&R

Correct maintenance and use of equipment

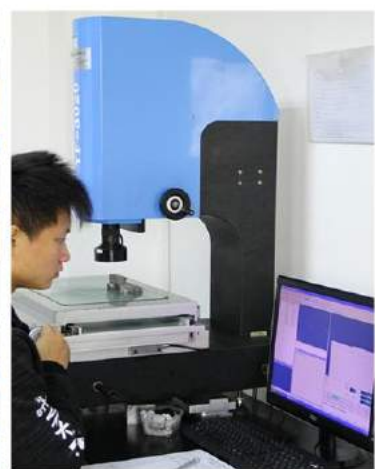
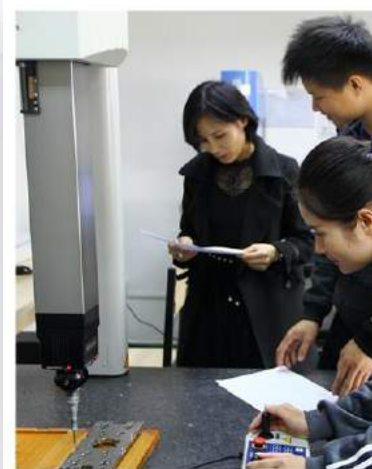
Instrument calibration

Statistic Analysis

Continuous Improvement



## Quality Assurance





# 企业文化

Company Culture

## Company Culture

### 企业愿景

世界级全方位服务加工商

### 企业精神

知行合一

### 企业文化

日事日毕，日清日高

### Vision

To be the world-class customized fabrication service supplier

### Enterprise Spirit

the unity of knowledge and action

### Enterprise Culture

Overall Every Control and Clear

## Company Culture



Cooperative Enterprise





Thank you !

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