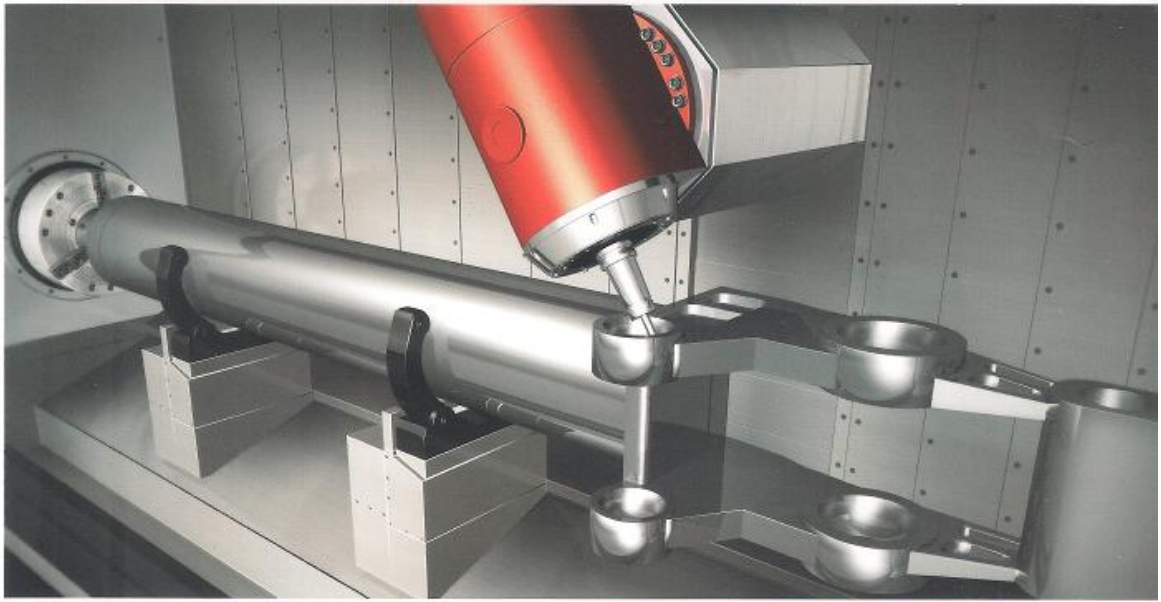




Your most trusted partner



东莞市晨兴精密五金机械有限公司
Sunny Technology Ltd.

COMPANY INTRODUCTION



Sunny Technology Ltd. was founded in 2008, located in Chang'an, Dongguan, where is well-known as the Town of Mould in China. Sunny Technology Ltd. is a manufacturer specialized in large body frame, automation equipment processing, precise metal parts and large scale complex carbon fiber mould, fixture for automobiles.

We engage in external processing: Automatic dispensing machine, the related mould, fixture, and large automobile hot forming mould, dashboard, vibration frictional machine mould for well-known carbon fiber products for the interior , exterior of the car and complex precision parts .

Our company covers an area of 9000 m², with a crew of more than 100 professional employees who are in charge of management, design, production and testing. We've got 35 brands new imported manufacturing facilities such as DMG Mori 9-Axis mill turn center (NT6600/4000) from Japan, Toshiba Horizontal boring and milling machining center (BTD-130H.R22) from Japan, Mori seiki 5-Axis vertical machining center from Japan, AWEA Large gantry CNC five-sided machining center from Taiwan.

For detection device, we've got two Zeiss CMM (3m and 1.6m) from Germany, Faro CMM (on-line detection) from France, Height Gauge form Switzerland, etc.

With perfect technique and quality system, we can make sure the manufacture, precision and accurate delivery of the spare parts.

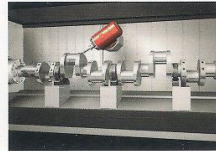


MANUFACTURING EQUIPMENT



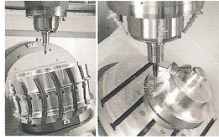
◆ High-precision 9-Axis Mill Turn Center (DMG Mori)

Specifications: NT 6600/4000 24,000 rev / min
Accuracy: 0.003mm (Linear encoder)



◆ High-precision 5-Axis Vertical Machining Center (MORI SEIKI)

Specifications: NMV 8000 DCG / NMV 5000 DCG 24,000 rev / min
Accuracy: 0.002mm (Linear encoder)



◆ High-precision 4-Axis Horizontal Machining Center (DMG Mori)

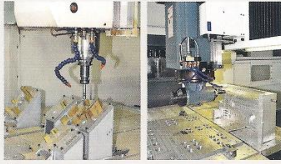
Specifications: NHX8000 20,000 rev / min
Accuracy: 0.001mm (Linear encoder)

◆ Horizontal boring and milling machining center (Toshiba)

Specifications: BTD-130H.R22 8,000 rev / min
Accuracy: 0.001mm



WORKSHOP I



◆ **Large gantry CNC five-sided machining center
(TAIWAN AWEA)**

Specifications: LP-4021 4,000x2,500, 6,000 rev / min
Accuracy: 0.01mm (Linear encoder)



WORKSHOP II Over 10 CNC machining centers imported from Taiwan are used



WORKSHOP III Over 10 DMG Mori machining centers imported from Japan are used



Precision Grinder Workshop



Large Welding Workshop

PRODUCT DISPLAY

High-precision parts



Dimension: $\Phi 450\text{mm} \times 140\text{mm}$
Surface finishing: Hard Anodic Oxidation (Colour: natural)
Material: AL7075
Description: Impeller for environmental engineering machines, customer-specific material selection (e.g. SUS304, titanium alloy etc.) and dimension up to $\Phi 1050\text{mm}$



Dimension: $\Phi 504\text{mm} \times 40\text{mm}$
Surface finishing: Natural, $//0.01\text{mm}$ (grinding)
Material: AL7075
Description: Rotary Disc for Automation Equipment, customer-specific material selection (e.g. aluminium, metal etc.) and dimension up to $\Phi 2500\text{mm}$



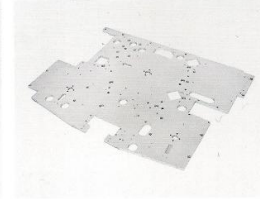
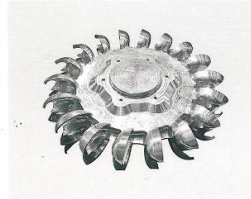
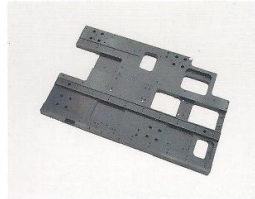
Mechanical automation components



Dimension: $233.4\text{mm} \times 189.25\text{mm} \times 27\text{mm}$
Surface finishing: Hard Anodic Oxidation (Colour: black)
Material: AL7075
Description: Component for medical equipment, the parallelism $//0.01$ of this part can be assured



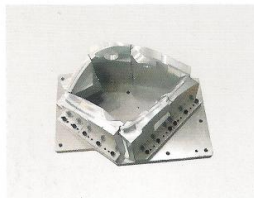
Dimension: $\Phi 270\text{mm} \times 29\text{mm}$
Surface finishing: Hard Anodic Oxidation (Colour: black)
Material: AL7075
Description: Component for medical equipment, customer-specific material selection (e.g. Aluminium from Germany or the US etc.) and dimension (up to $\Phi 650\text{mm}$)



Automotive fixture mechanical components



Dimension: $2060\text{mm} \times 833\text{mm} \times 540\text{mm}$
Surface finishing: Hard Anodic Oxidation (Colour: natural)
Material: AL5083
Description: Mould for the production of carbon fibre automotive components, customer-specific dimension up to $6\text{m} \times 2.5\text{m} \times 1.5\text{m}$



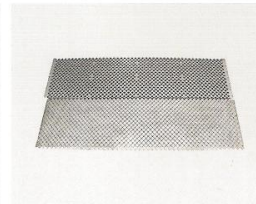
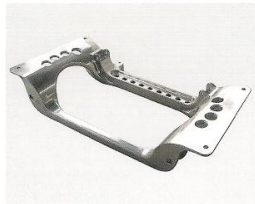
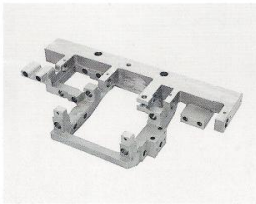
Welding frame



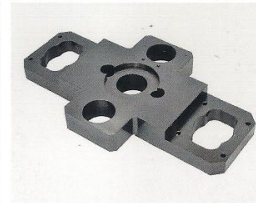
Dimension: 1050mm*760mm*910mm
Surface finishing: Electroplating
Material: Q235+sectional material
Description: Frame Construction for Automation Equipment, customer-specific dimension up to 6m*4m*1m



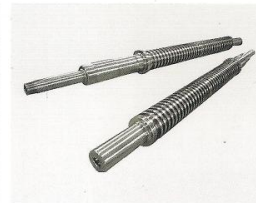
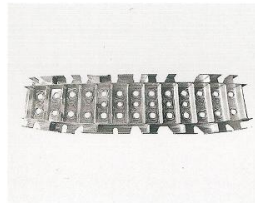
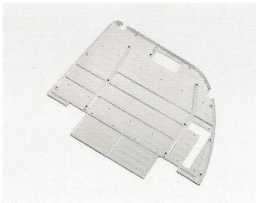
Solar mechanical components



Medical equipment components

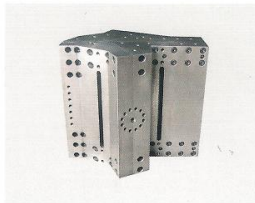


Aviation parts

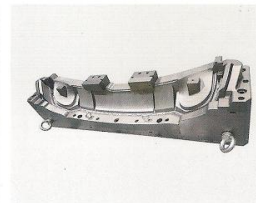
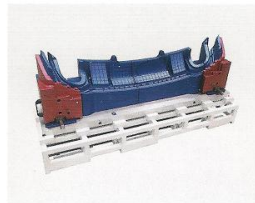


Large axis series

Assembly series



Carbon fiber molding, fixture

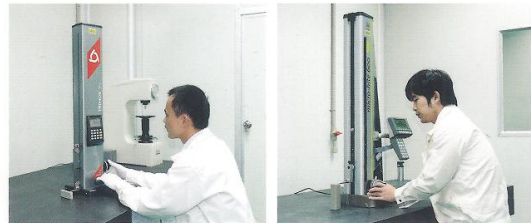


QUALITY CONTROL

We take ISO 9001 as the standard to build up quality management system, and regard Customer first, Continuous improvement as our policy, set up the follow-the-customer development strategy. Using SPQP and PMP as a strategic approach, SPC and DFMEA as control method, 8D method as corrective measures, MSA as measurement analysis method to guarantee our quality.



ISO international quality system certification



PRODUCT DESIGN

According to the needs of the market and the development of our company, we formulate new product development plans annually, which usually contains over 75% ODM and IDM projects. After setting up the project, our team members review and verify the output of each phase, including the needs of the project, the structure of the products, mould review, techniques, automation transformation, etc.

