Company Profile

Dongguan Jinyuan Hardware Machinery Co.,Ltd

EST. 1997









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2 Product Introduction

3 Equipment Display

4 Vision



About Us

- Company Profile
- Product Focus
- Growth
- Team

Company Profile

Dongguan Jinyuan Hardware Machinery Co.



- **Founded:** 1997 (29+ Years Experience)
- **Location:** Dongguan City, Guangdong Province
- **Technology:** CNC/Precision Machining of Metal/Plastic
- **Certifications:** ISO9001, IATF16949, ISO13485 AS9100, ISO010012, ISO14000
- **Equipment:** >300 Advanced Production/Testing Equipment
- **Environmentalism:** Employee Rights, Sustainability, Compliance

Development History

2024



22000㎡ Site

Moved to Self-owned Plant, 22000㎡ Site

2014



Chengdu Branch Established

West-market Layout, Chengdu Branch Established

2010



12000㎡ Plant

Relocated & Rebranded, 12000㎡ Plant

2009



IATF16949 Certified

Entered Auto Industry, IATF16949 Certified

2005



Relocated & Expanded in 2005

Expansion & Relocation, 6500㎡ Plant

1997



Founded in 1997

Founded in 1997, Jinyuan Hardware established

Clean & Green Manufacturing





.Allow us to work with you in protecting our environment

.Ready to Support your Clean & Green Manufacturing

.Experienced in Clean & Green Manufacturing with many Global Leading Manufacturers

.Green Concept within Innovalues

.Installing energy-efficient lighting in office spaces, meeting rooms, and manufacturing areas

.Installing computerized energy-efficient compressed-air controls

.Recycling all cutting oils and utilizing a mobile service that cleans, recycles, and replenishes depleted additives back into the oil

. Recycling all chips generated from machining parts and extracting the oil from these chips to be recycled

Product Application Field & Sales ratio

Semiconductor 35%



Aviation 15%



Medical 15%



Connector 21%



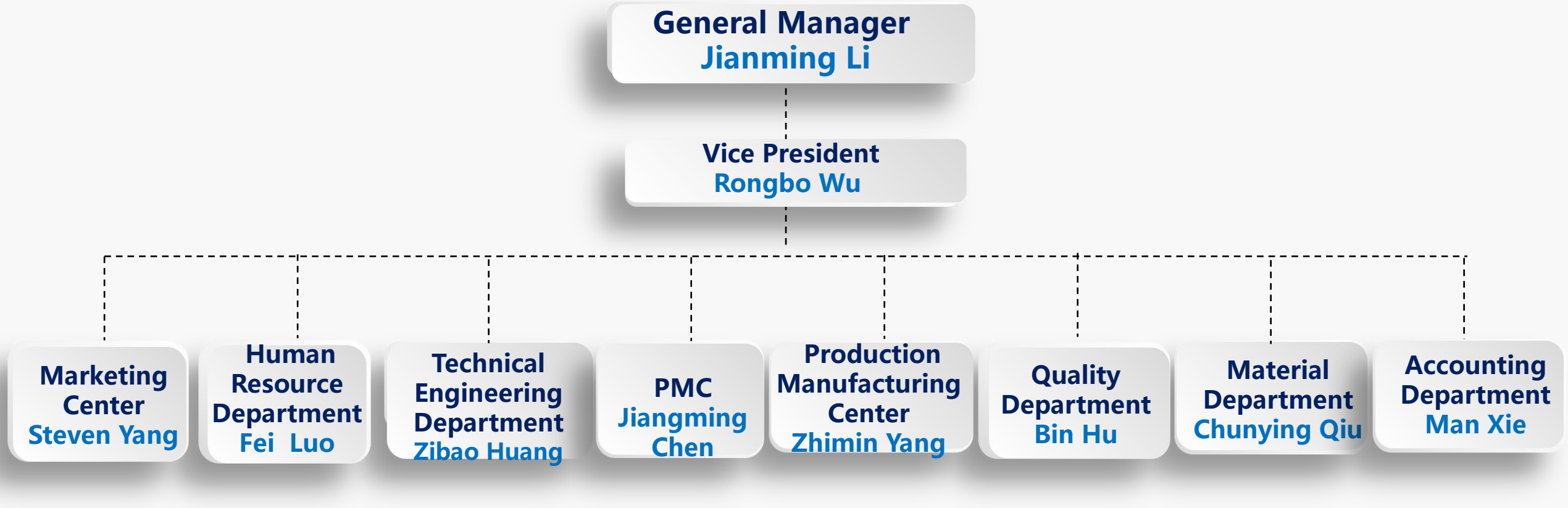
Laser 6%



Automotive 9%



Organization Chart



Jinyuan Team

01 Management 20

02 Sales 10

03 Engineers 35

04 Operators 340

05 Inspectors 50

06 Others 25

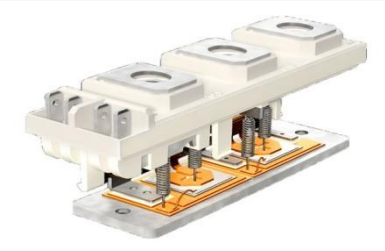


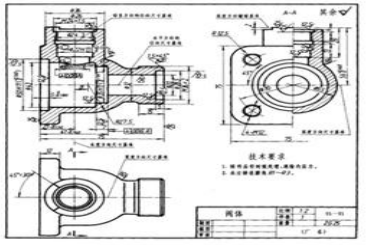
Engineering Team

- We introduce industry-leading technology and gather industry technical talents to ensure customer product demand and stabilize the company's development to maintain a long-term competitive advantage;
- Innovation is the life of an enterprise, we continue to carry out product engineering innovation to meet market demand;
- Technical Engineering consists of six teams.

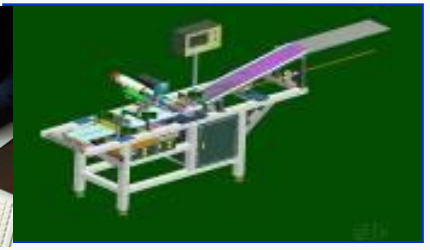
Technical Engineering

- Product Development Team
- Project Evaluation Team
- Product Drawing Team
- Process Preparation Team
- Engineering Improvement Team
- Tooling Design Team

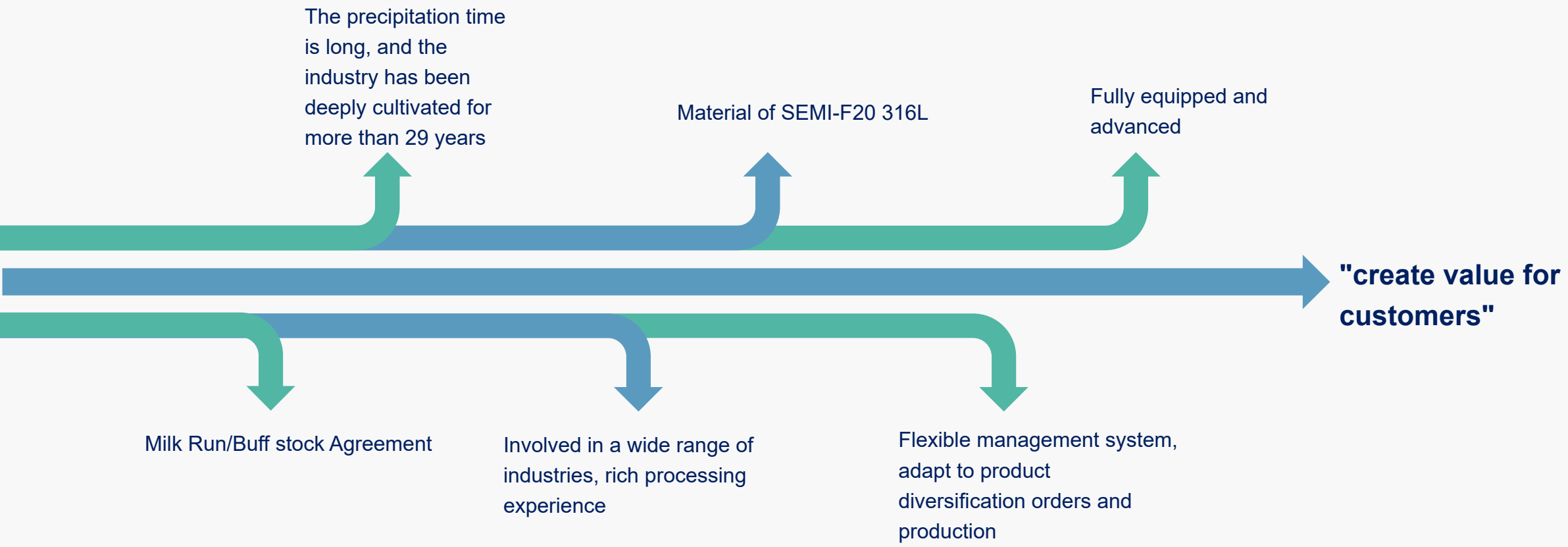








What Sets Us Apart From Our Competitors





Product Introduction

- Application Fields
- Raw Materials
- Production Processes

Product Introduction

1

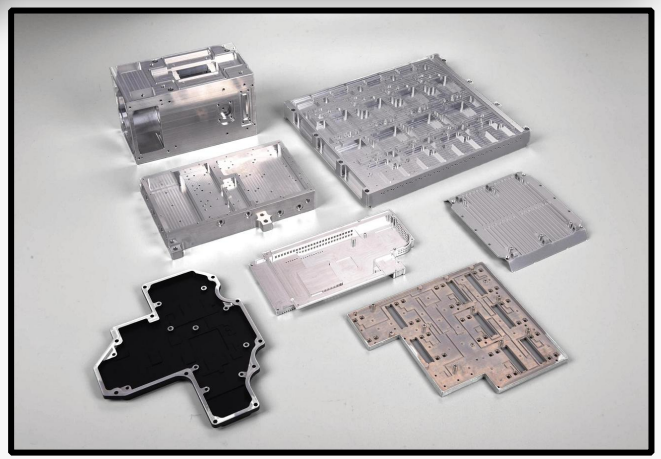
DMG Five-Axis Simultaneous Machining Center

Application:

- Aviation
- Robotics
- Drones
- Semiconductor







Raw Material：

AZ61M / AZ80A / ZM5/6 / 40%SiC / 1J85 / DP1 / 2A12 / 7075 / TC4 / X750

Production Process:

CNC horizontal milling, DMG simultaneous five-axis machining center, CNC milling, Wire cutting, Fine grinding, EDM, CNC turning, etc.

Surface treatment:

Anodizing, Electroplating, Spraying, etc.

Product Introduction

Application:
Semiconductor -
Vacuum
Transfer Components







Materials: 316L (VAR), 17- 4PH stainless steel, aluminum alloy, etc.

Manufacturing Processes: CNC turning, CNC milling, 5- axis & grinding precision machining, local rolling, flow- path grinding, EP electrolytic polishing, etc.

Surface Treatment: EP, etc.

Product Introduction

Application:
Semiconductor - Fluid / Gas Filter Components



Materials: 316L (VAR), 17- 4PH stainless steel, aluminum alloy, etc.

Manufacturing Processes: CNC turning, CNC milling, 5- axis & grinding precision machining, local rolling, flow- path grinding, EP electrolytic polishing, etc.

Surface Treatment: EP, etc.

Product Introduction

Application:
Semiconductor
- **Vacuum System Components**







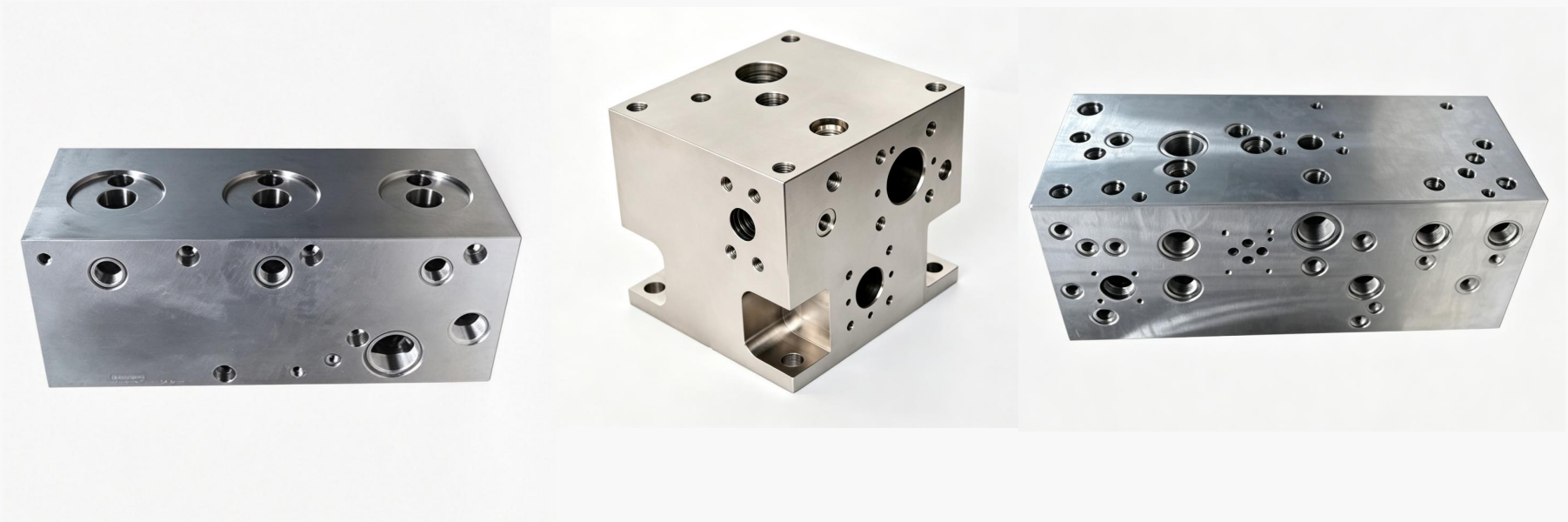
Materials: 316L (VAR), 17- 4PH stainless steel, aluminum alloy, etc.

Manufacturing Processes: CNC turning, CNC milling, 5- axis & grinding precision machining, local rolling, flow- path grinding, EP electrolytic polishing, etc.

Surface Treatment: EP, etc.

Product Introduction

Application:
Semiconductor
- **Fluid Manifold Components**



Materials: 316L (VAR), 17- 4PH stainless steel, aluminum alloy, etc.

Manufacturing Processes: CNC turning, CNC milling, 5- axis & grinding precision machining, local rolling, flow- path grinding, EP electrolytic polishing, etc.

Surface Treatment: EP, etc.

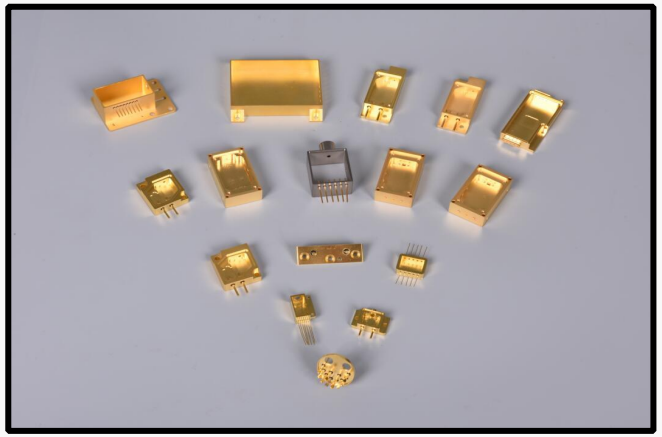
Product Introduction

2

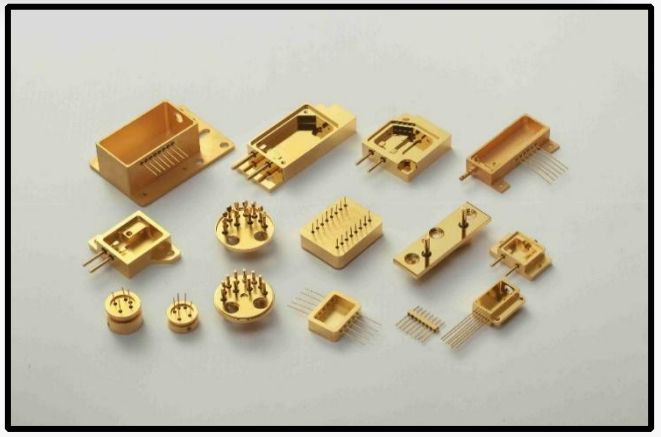
CNC Milling
Center Products

Application:

- Laser
- Optical Communication
- Light Source
- Electronic Equip







Raw Material：

4J29 / 4J32 / 4J36 / 4J50 / S316L / S304 / AL6061 / AL7075 / H90 / C1020 / Tu2

Production Process:

CNC horizontal milling, D M G simultaneous five-axis machining center, CNC turning/milling, Wire cutting, Fine grinding, Milling machine, EDM, Sintering, etc.

Surface treatment:

Anodizing, Silver/Gold Plating, etc.

Product Introduction

3

CNC Multi-Axis Machining Center Products

Application:

- Microwave Communication
- Millimeter Wave Communication
- Terahertz







Raw Material：

AL6061 / AL7075 / H90 / Tu2 / S316 / S304

Production Process:

DMG five-axis linkage machining center, CNC milling, Slow wire cutting, Fine grinding, EDM, CNC turning, Sintering, etc.

Surface treatment:

Anodizing, Silver/Gold Plating, etc.

Product Introduction

4

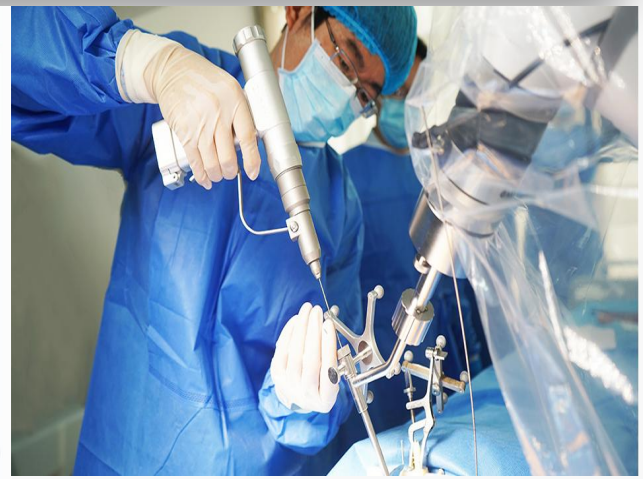
Medical Products

Application:

- DNA Test Equip
- Surgical Robot







Raw Material：

17-4PH / S316L / TC4 / TC6 / TC9 / PEEK

Production Process:

CNC turning, CNC milling, Slow wire cutting, Fine grinding, EDM, etc.

Surface treatment:

Anodizing, Electroplating, etc.

Product Introduction

5

CNC Turning and Milling Composite Products

Application:

- Aviation
- Semiconductor
- Medical
- Oil Energy







Raw Material：

S316L / X750 / Inconel718 / GH4169 / TU2 / HPM-75

Production Process:

CNC horizontal compound turning and milling center, CNC milling, CNC turning, Slow wire cutting, Fine grinding, EDM, etc.

Surface treatment:

Anodizing, Electroplating, etc.

Product Introduction

6

CNC Turning Products

Application:

- Sensors
- Connectors







Raw Material：

S304 / S303 / S316 / 17-4PH

Production Process:

CNC lathe, CNC milling, Five-axis machine, etc.

Surface treatment:

Electroplating

03



Equipment Display

- Manufacturing Equipment
- Testing Equipment

Manufacturing Equipment

1

DMG Five-Axis Simultaneous Machining Center

Brand:

- DMG MORI

Model:

- DMU 95





Parameter / Capabilities:

Stroke: 950×850×650mm

Equipment accuracy: 0.002mm

Processing Accuracy: 0.005mm

- Center spindle high pressure water outlet
- Online inspection
- 3D simulation
- Infrared tool setting instrument

Manufacturing Equipment

2

Mazak Five-Axis Machining Center

Brand:

- Mazak

Model:

- VARIAXIS-650





Parameter / Capabilities:

Stroke: 650×550×550mm

Equipment accuracy: 0.005mm **Processing Accuracy:** 0.008mm

- High-pressure water outlet from the spindle center, equipment equipped with online detection, 3D simulation and infrared tool setting instrument

Manufacturing Equipment

3

Mazak Horizontal Linkage Machining Center

Brand:

- Mazak

Model:

- HCN6000L





Parameter / Capabilities:

Stroke: 800×800×800mm

Equipment accuracy: 0.003mm

Processing Accuracy: 0.004mm

- Center spindle high pressure BT50/30kg water outlet

Hyundai-Wia HD3608 high-precision large-scale long-axis horizontal heavy-cutting CNC lathe

4

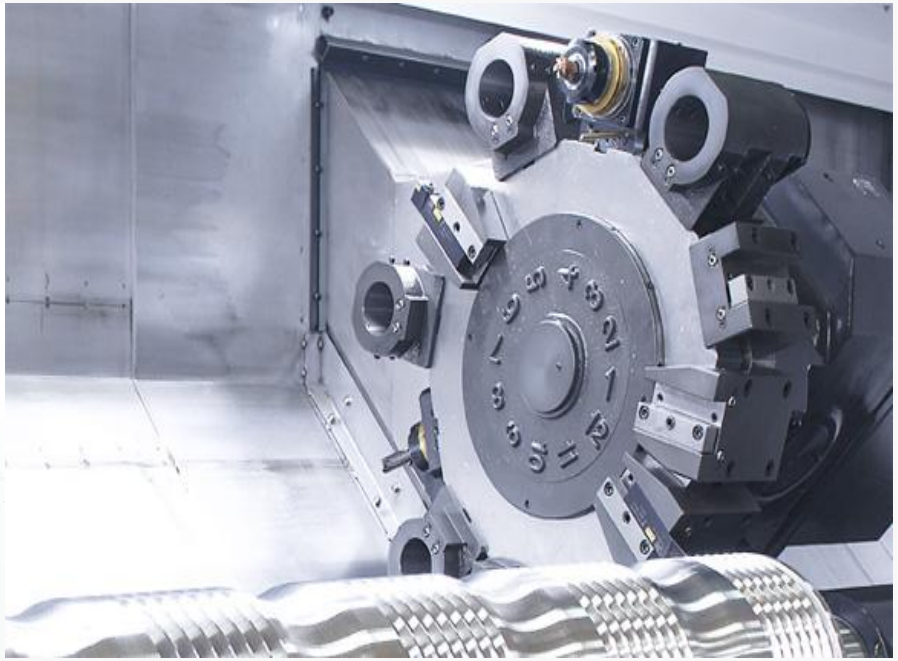
Brand:

- Hyundai-Wia

Model:

- HD-3608





Parameter / Capabilities:

Stroke: Φ560*1300MM

Equipment accuracy: 0.01mm

Processing Accuracy: 0.02mm

Manufacturing Equipment

5

Gantry Machining Center
Rail Machining Center

Brand:
Xiangyu
Model:

- GL-3017Z/HMC-800





Parameter / Capabilities:

Stroke: 3000X1700X1300MM, 1600X1000X1000mm

Equipment accuracy: 0.04mm **Processing Accuracy:** 0.06mm

Manufacturing Equipment

6

CNC Milling Multi-Axis Machining Center

Brand:

- Morijing
- Mazak
- Brothers
- Funuc





Parameter / Capabilities:

Stroke: 800x500x350mm

Equipment accuracy: 0.005mm

Processing Accuracy: 0.01mm

Manufacturing Equipment

7

STAR Swiss-Type CNC Machining Center

Brand:

- Star

Model:

- SR-20J C





Parameter / Capabilities:

Stroke: ∮20×200mm

Equipment Accuracy: 0.003mm

Processing Accuracy: 0.005mm

Manufacturing Equipment

8

Slow Wire-Cut

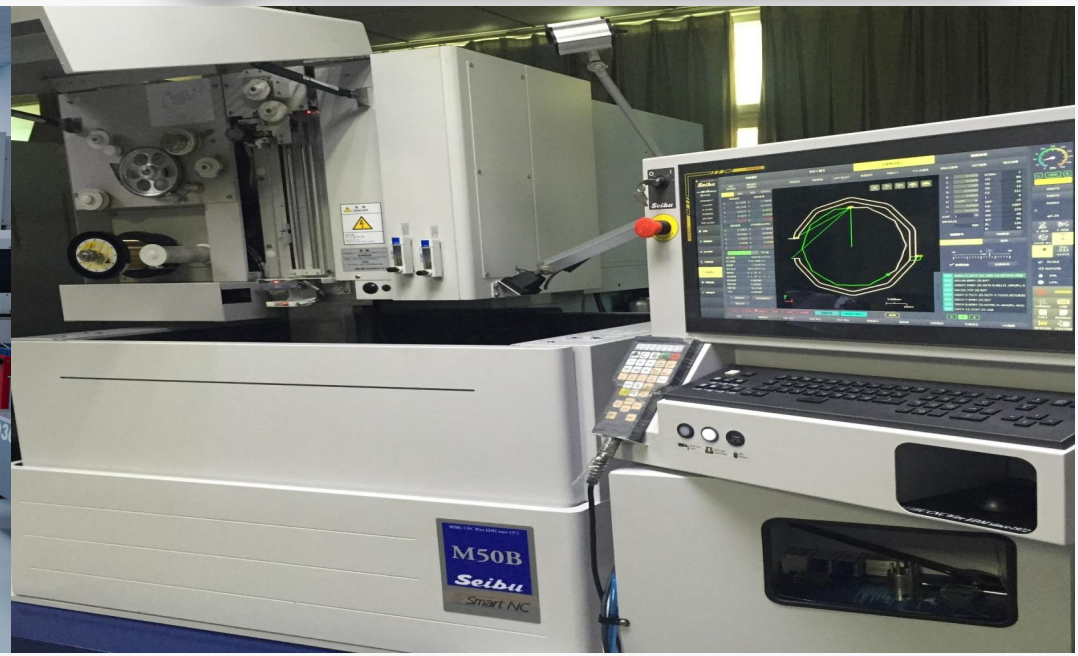
Brand:

- Seibu
- Sodick

Model:

- M50B
- AQ360Ls





Parameter / Capabilities:

Stroke: 560x360x300mm

Electrode Wire Diameter: 0.05mm

Equipment Accuracy: 0.003mm

Processing Accuracy: 0.004mm

Manufacturing Equipment

9

CNC Lathe Machining Center

Brand:

- Miyano
- Takamatsu
- Mazak





Parameter / Capabilities:

Stroke: ∮300x150mm

Equipment Accuracy: 0.003mm

Processing Accuracy: 0.004mm

Manufacturing Equipment

10

EP Electro-Polishing Production Line
Hydrocarbon / Ultrasonic Cleaning Production Line

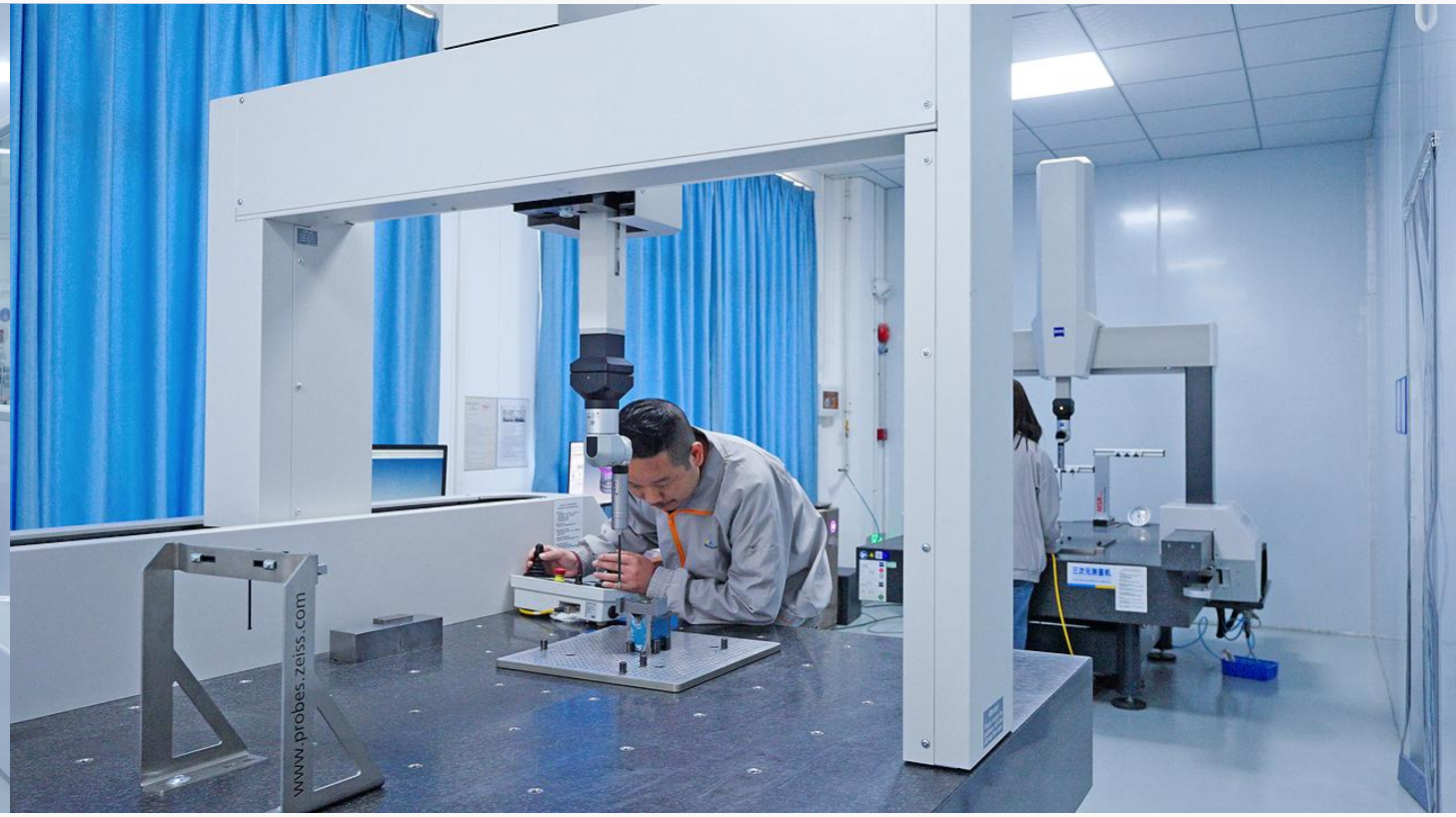




Brand: Joint Venture Product **Features & Functions:** Metal EP Electro-Polishing treatment significantly enhances the surface gloss and finish of components, providing anti-contamination and antibacterial surface properties, and improving the long-term durability of the components.

Testing Equipment





Equipment Brand: ZEISS (Germany) **Measuring Range:** 1200×1800×1000mm **Accuracy:** ±0.002mm
Equipment Function: Supports 3D inspection, suitable for measuring dimensions, geometric tolerances, and free-form surfaces of complex mechanical components.

Testing Equipment



Swiss 3D Profile Measurement



German ZEISS CMM



German Spectro Spectrum Analyzer



Switzerland TESA Height Measuring



Automatic Image Measuring



Japan Mitotoyo profilometer

Finished Products & Shipping Inspection Center





04



Business Engagement

01: Customer presentation

02: Contact us

Part of Customers



Cooperation Partner

TE connectivity

EDAN

Valeo

Lumenis 科医人 Energy to Healthcare

SANMINA-SCI®

Edgewell PERSONAL CARE

KYOCERA

HISILICON

大族激光 HAN'S LASER

PALL®

TDK

Raycus

MicroPort微创

Focusimple

KEYSIGHT

life.augmented

SCHOTT Schott Borall d.d.



Thank you

