Billion Technology Limited
东莞市彼联机械科技有限公司

Company Presentation

© Billion Technology Limited 东莞市彼联机械科技有限公司

About us

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About us – Key Numbers

彼联科技 Billion Technology

400+ Staff

20+ Years in Business

25+ Years of Experience in Machining

180+ CNC Machines

3 Production Sites

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Why Billion Technology?

We do billions of things to
save our customers billions of $$$
by producing billions of high quality parts

Why BTL?

Our goal is to be
Best in class with
High **T**echnologies to create a
Long term business partnership

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We serve many markets including aerospace, medical and other industries & focus on low & mid volume high mix products:

- High precision machined parts
- Sheet metal parts
- Plastic injection molding parts (including tool design & manufacturing)
- Assembly (subassembly and final product)
- Total solution service



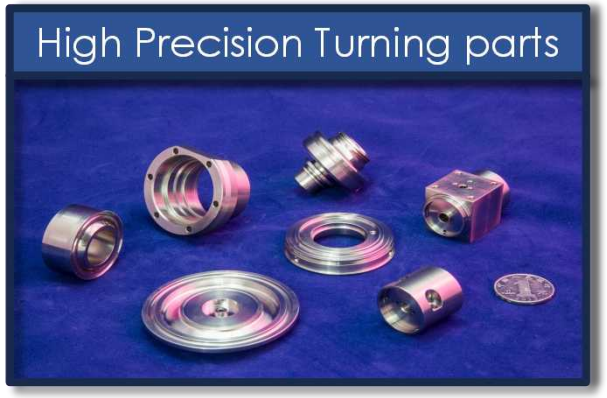




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About us – What do we do?

BTL 彼联科技 Billion Technology







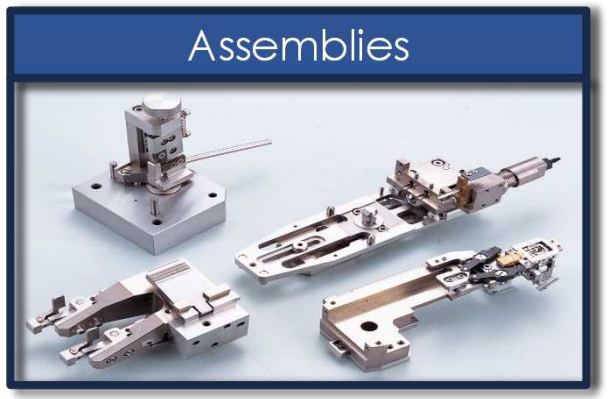
We serve many markets including aerospace, medical and other industries

BTL Main products

Focused on low & mid volume high mix products



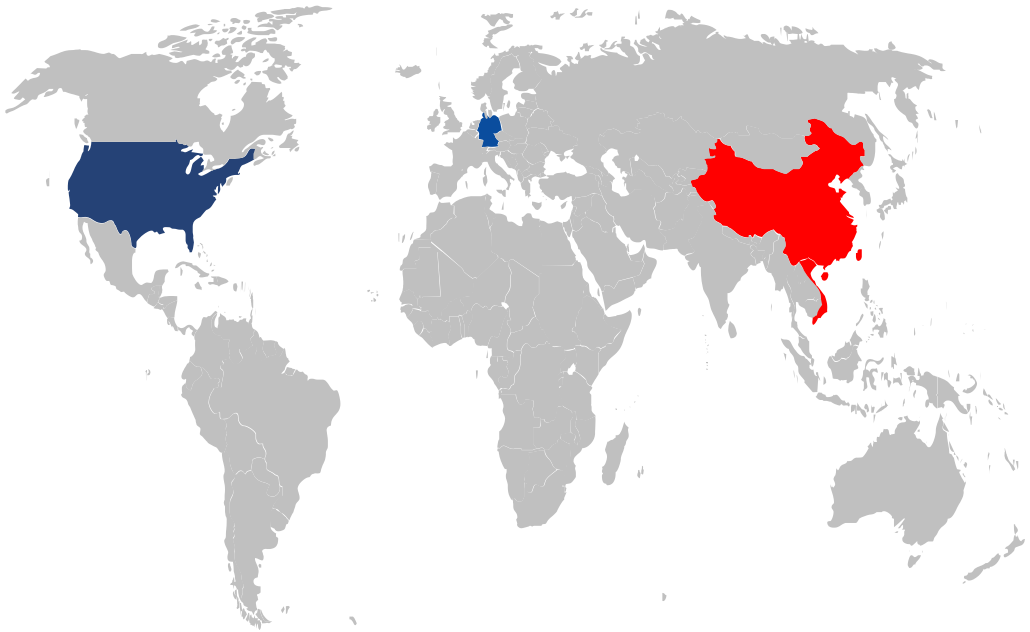




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About us – General information

- Established in 2003
- Headquarters in Dongguan, China
- Locations
  - Manufacturing facilities
    - Dongguan, Guangdong (8,000 m²)
    - Changsha, Hunan (16,000 m²)
    - Selangor, Malaysia (4,150 m²)
  - Logistics Office in Hong Kong (150 m²)
  - Sales & Logistics Office in Singapore
  - Sales Office in Beijing, Suzhou, Luoyang
  - Sales Office in Frankfurt, Germany
  - Sales Office in Arizona, USA



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About us – Certificates

ISO9001:2015



CERTIFICATE OF QUALITY MANAGEMENT SYSTEM CERTIFICATION

Certificate No.: 19820QB0240R1M
Unified Social Credit Code /Organization Code:91441900756479621H

We hereby certify that the organization:
BILLION TECHNOLOGY LIMITED

Is in conformity with Quality Management System Standard:
GB/T19001-2016 idt ISO9001:2015

The certificate is valid to the following product(s)/service:
The design, production of customized automation equipment, and the production of precision machined parts

Registration Address: Building 1, No. 2, 2nd Xianfeng Road, Baima, Nancheng District, Dongguan, Guangdong Province, P. R. China
Business Address: Building 1, No. 2, 2nd Xianfeng Road, Baima, Nancheng District, Dongguan, Guangdong Province, P. R. China

Date of Initial Issuance: Feb 13, 2020
Date of Renewal: Feb 03, 2023
Date of Expiration: Feb 12, 2026

IAF CNAS 中国认可 国际互认 管理体系 MANAGEMENT SYSTEM CNAS C178-M

Issued By: Minyun Zhou

Beijing Xinjiyuan Certification Co.,Ltd.
Address:Room 805, North Area, 7/F, Building 122, Nanhu Dongyuan, Chaoyang District, Beijing China (Post Code:100102)

Quality Management System

ISO14001:2015



CERTIFICATE OF ENVIRONMENT MANAGEMENT SYSTEM CERTIFICATION

Certificate No.: 19820EB0114R1M
Unified Social Credit Code /Organization Code:91441900756479621H

We hereby certify that the organization:
BILLION TECHNOLOGY LIMITED

Is in conformity with Environmental Management System Standard:
GB/T24001-2016 idt ISO14001:2015

The certificate is valid to the following product(s)/service:
The design, production of customized automation equipment, and the production of precision machined parts and the environmental management activities related thereof.

Registration Address: Building 1, No. 2, 2nd Xianfeng Road, Baima, Nancheng District, Dongguan, Guangdong Province, P. R. China
Business Address: Building 1, No. 2, 2nd Xianfeng Road, Baima, Nancheng District, Dongguan, Guangdong Province, P. R. China

Date of Initial Issuance: Feb 13, 2020
Date of Renewal: Feb 03, 2023
Date of Expiration: Feb 12, 2026

IAF CNAS 中国认可 国际互认 管理体系 MANAGEMENT SYSTEM CNAS C178-M

Issued By: Minyun Zhou

Beijing Xinjiyuan Certification Co.,Ltd.
Address:Room 805, North Area, 7/F, Building 122, Nanhu Dongyuan, Chaoyang District, Beijing China (Post Code:100102)

Environment Management System

ISO45001:2018



CERTIFICATE OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATION

Certificate No.: 19824SC0208R0M
Unified Social Credit Code:91441900756479621H

We hereby certify that the organization:
BILLION TECHNOLOGY LIMITED

Is in conformity with occupational health and safety Management System Standard:
GB/T 45001-2020/ISO 45001:2018

The certificate is valid to the following product(s)/service:
The design and production of non-standard mechanical automation equipment, and the production of precision machined parts

Registration Address: Building 1, No. 2, 2nd Xianfeng Road, Baima,Nancheng District, Dongguan,Guangdong Province, P. R. China
Business Address: Building 1, No. 2, 2nd Xianfeng Road, Baima,Nancheng District, Dongguan,Guangdong Province, P. R. China

Date of Initial Issuance: Mar 04, 2024
Date of This Issuance: Mar 04, 2024
Date of Expiration: Mar 03, 2027

IAF CNAS 中国认可 国际互认 管理体系 MANAGEMENT SYSTEM CNAS C178-M

Issued By: Minyun Zhou

Beijing Xinjiyuan Certification Co.,Ltd.
Address:Room 805, North Area, 7/F, Building 122, Nanhu Dongyuan, Chaoyang District, Beijing China (Post Code:100102)

Occupational Health and Safety Management System

GB/T29490-2013



知识产权管理体系认证证书

证书号码：165IP170715R2M

兹证明

东莞市彼联机械科技有限公司

注册地址：广东省东莞市南城街道白马先锋二路2号1栋
经营地址：广东省东莞市南城街道白马先锋二路2号1栋

知识产权管理体系符合标准：
GB/T29490-2013

通过认证的范围如下：

移位机、贴标机的研发，皮带线、滚筒线、对刀仪的研发、生产、销售，航空机械配件、医疗器械配件、工业精密测量测试设备机械配件的生产、销售的知识产权管理

注：认证注册范围不包括未获得有效的国家规定的相关行政许可、资质许可的产品/服务范围

初次发证日期：2017 年 08 月 08 日 本次发证日期：2023 年 08 月 07 日 有效期至：2026 年 08 月 07 日

本证书持有者的管理体系持续符合上述标准的运行条件下，证书有效期为三年。证书有效性通过年度监督确认保持。证书有效信息可登陆国家认证认可监督委员会官方网站 www.cnca.gov.cn 或中知（北京）认证有限公司官方网站查询。

签发：

中知认证

中知（北京）认证有限公司

地址：北京市海淀区花园路5号133幢3层302室（100088）

http://www.zzbjrz.com

Intellectual Property Management

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About us – Certificates

Medical Devices - Quality Management System



ISO13485:2016

Certificate of Registration

nqa

This is to certify that the Quality Management System of

Billion Technology Limited

Unified Social Credit Code: 91441900756479621H
Operation Address: Building 1, No. 2, Baima Xianfeng Second Road, Nancheng Street, Dongguan City, Guangdong Province, China
Registered Address: Building 1, No. 2, Baima Xianfeng Second Road, Nancheng Street, Dongguan City, Guangdong Province, China

applicable to

The Production and Sales of Precision Machined Parts for Hematology Analyzer, Pathology Analyzer and Dental Peripheral Devices, Titanium Alloy Parts for Implantable Lumbar Interbody Fusion Devices and Auxiliary Installation Tools(Exported to the United States)

has been assessed and registered by NQA against the provisions of

ISO 13485:2016

This registration is subject to the company maintaining a quality management system, to the above standard, which will be monitored by NQA.
Certified Clients shall accept regular surveillance assessments, the validity of certificates shall be maintained for the positive result of audit.
The information of this certificate can be checked on CNCA's website (www.cnca.gov.cn)
SNQA's website: www.snqa.com.cn

Managing Director

Certificate Number: **39853**

Issue Date: 18 April 2014
Previous Certificate Expiry: 02 November 2024
The Latest Audit Date: 19 October 2024
Reissue Date: 06 November 2024
Valid Until: 02 November 2027

UKAS MANAGEMENT SYSTEMS 0015

IAF

The use of the UKAS Accreditation Mark indicates accreditation in respect of those activities covered by the accreditation certificate number 015 held by NQA.
NQA is a trading name of NQA Certification Limited, Registration No 09351758. Registered Office: Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LU5 5ZX, UK.
This certificate is the property of NQA and must be returned on request.
Shanghai NQA Certification Co., Ltd. Address: Room 2201, 958 Lujiazui Ring Road, China (Shanghai) Pilot Free Trade Zone.



AS9100D

Bureau Veritas Certification

BILLION TECHNOLOGY LIMITED
BUILDING 1, NO.2, 2ND XIANFENG ROAD, BAIMA, NANCHENG DISTRICT, DONGGUAN CITY, GUANGDONG PROVINCE, P. R. CHINA

Bureau Veritas Certification NA, Inc. certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standards detailed below.

STANDARDS

ISO 9001:2015 AND AS 9100 D IN ACCORDANCE WITH AS9104/1 Issue 2012-01

Bureau Veritas Certification North America, Inc. is accredited under the I.A.Q.G. ICOP Scheme.

Certification Structure: Single Site

Central Function: Building 1, No.2, 2nd Xianfeng Road, Baima, Nancheng District, Dongguan City, Guangdong Province, P. R. China

SCOPE OF SUPPLY

PRODUCTION AND SALES OF PRECISION MACHINING PARTS USED FOR AEROSPACE INDUSTRY

Original Approval date: **26 January 2015**
Subject to the continued satisfactory operation of the organization's Management System, this certificate will remain valid until: **22 January 2027**

Certificate No: 272456
Issue Date: 23 January 2024
Version: 1

Signed on behalf of BVC NA, Inc

ANAB ACCREDITED MANAGEMENT SYSTEMS CERTIFICATION BODY

Bureau Veritas Certification NA, Inc.
16800 Greenspoint Park Drive, Suite 300S
Houston, Texas 77060 USA
www.us.bureauveritas.com/bvc

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization.
Certification body address: 16800 Greenspoint Park Drive, Suite 300S, Houston TX 77060 USA

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Aerospace-Quality Standards

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About us – Certificates



Nadcap Certificate-
Heat Treating



Nadcap Certificate-
NonDestructive Testing

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About us – Awards

Outstanding Supplier – Danaher Group



Supplier Excellence Award – QVII



Preferred Supplier – Danaher Group



Top Supplier – Parker Meggitt



Best Supplier – Fortive Setra



Preferred Supplier – Fortive Group



Supplier of the Year & Preferred Supplier – Zygo

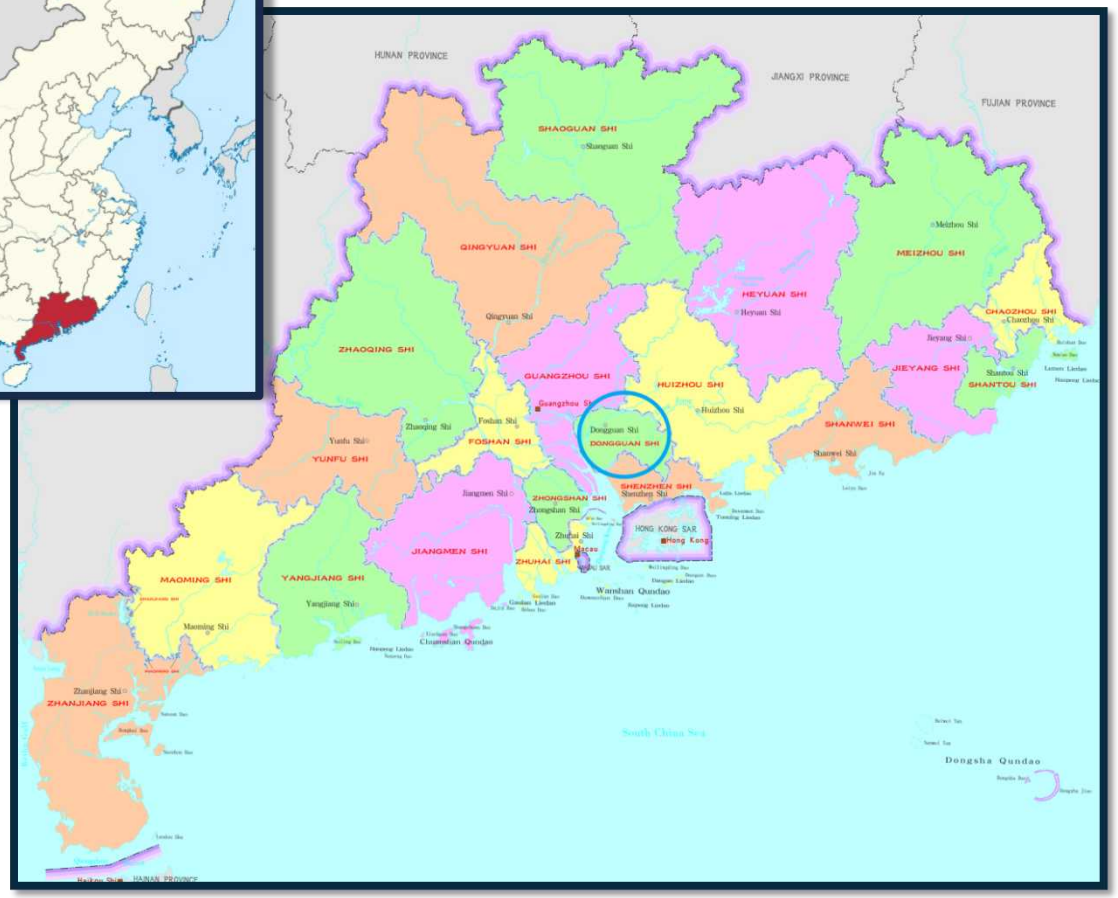


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Dongguan in Guangdong Province, South China







70 minutes from Guangzhou airport
50 minutes from Shenzhen airport
2 hours from Hong Kong airport

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Locations

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Locations – Changsha, Hunan & Selangor, Malaysia

High precision machining, fabrication, customized automation design







High-end imported manufacturing machines and measurement equipment







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Locations – Dongguan (HQ)









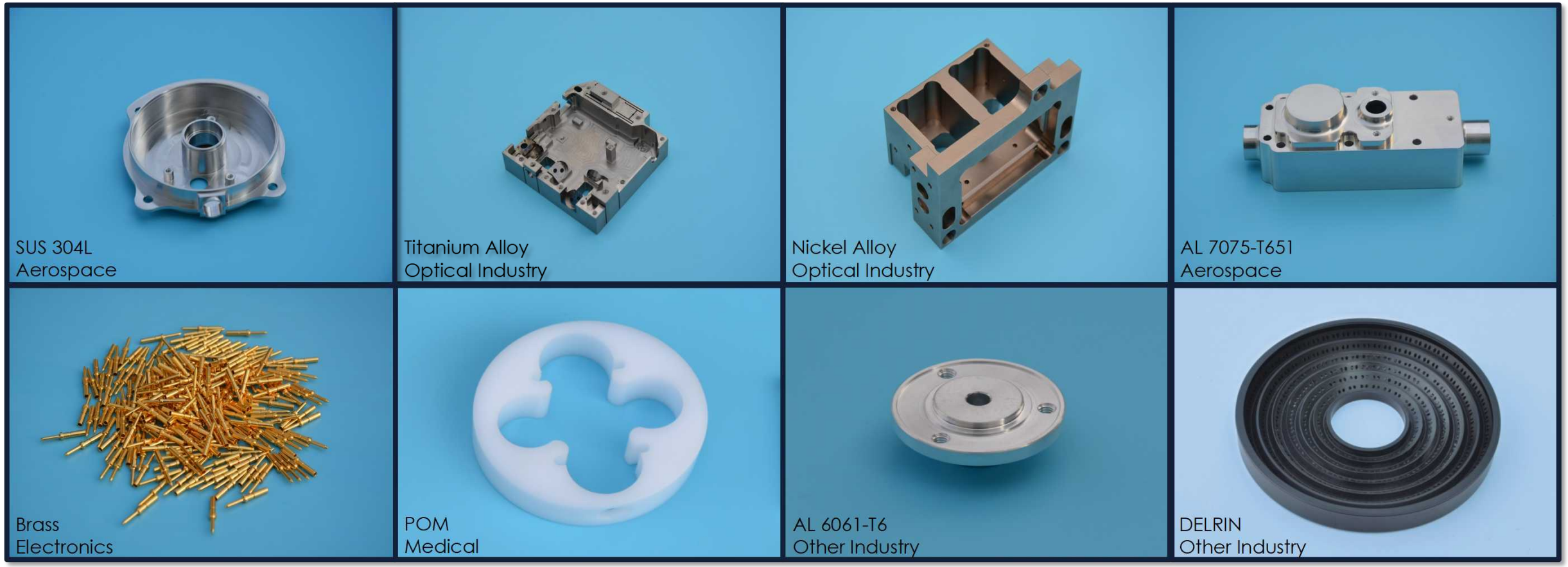


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Scope of Performance

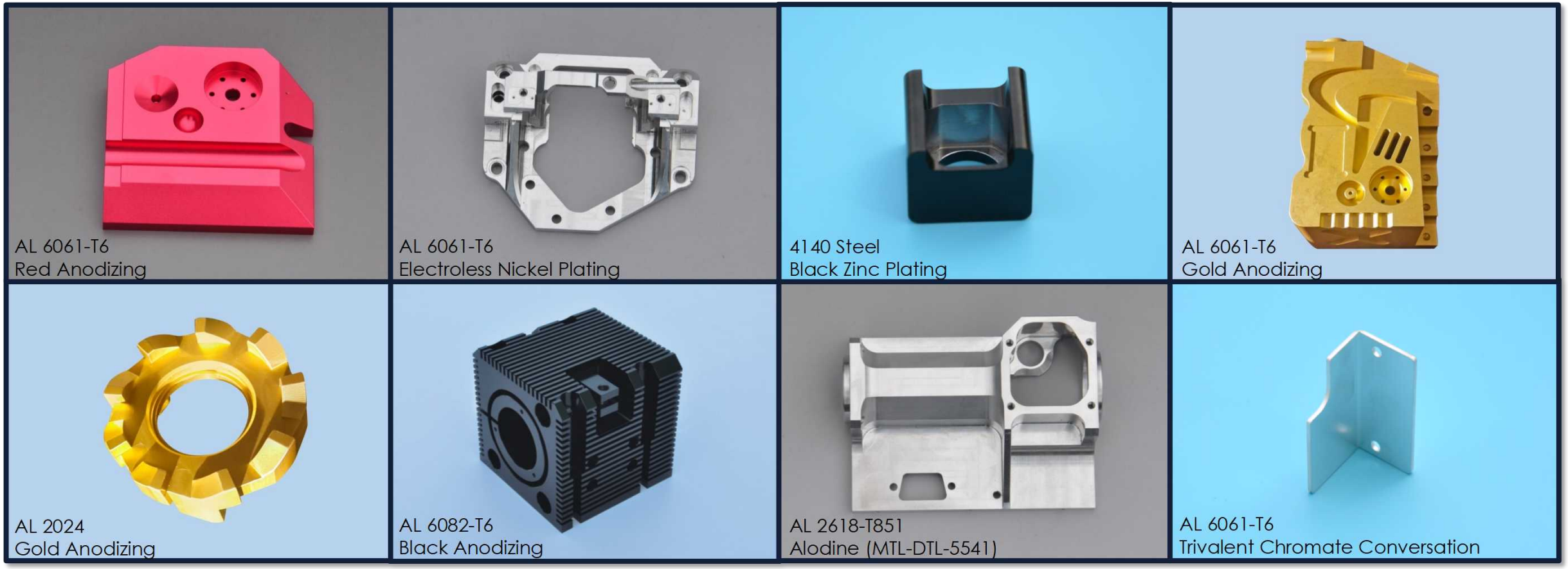
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Scope of Performance – Material



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Scope of Performance – Surface Treatment



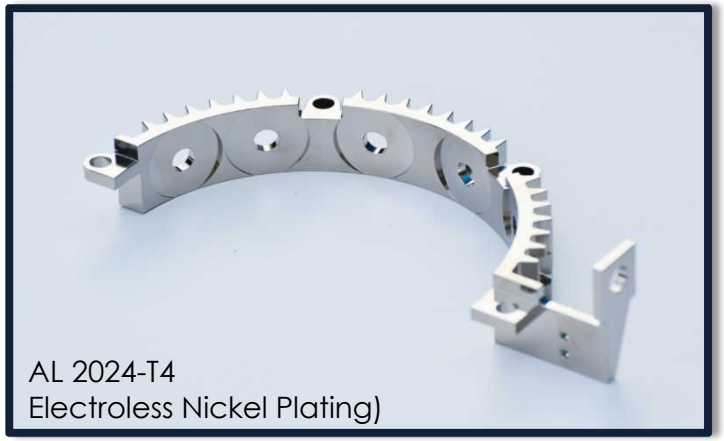
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Scope of Performance – Aerospace Industry


AL 2024-T3511
Alodine (MIL-DTL-5541)


AL 7075-T651
Alodine (MIL-DTL-5541)




AL 2024-T4
Electroless Nickel Plating)


17-4 PH
Passivation


X4CrNiMo16-5-1
Passivation


AL 6061-T6
Colorless Anodizing(MIL-A-8625F)


AL 2024-T351
Anodizing (MIL-A-8625F)

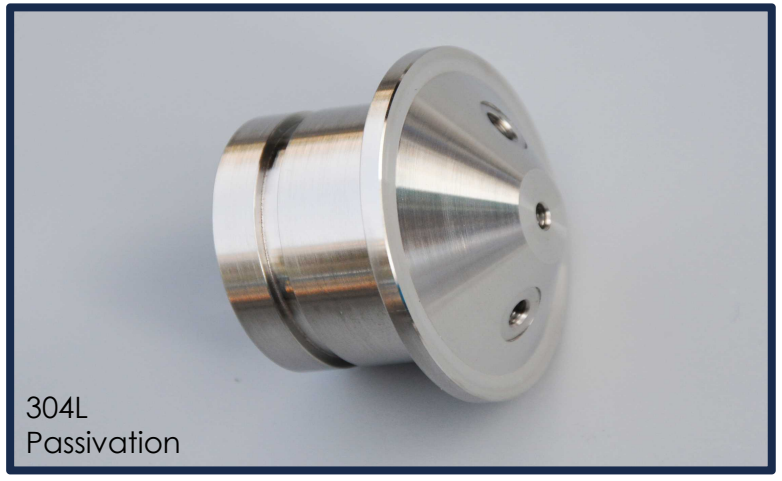
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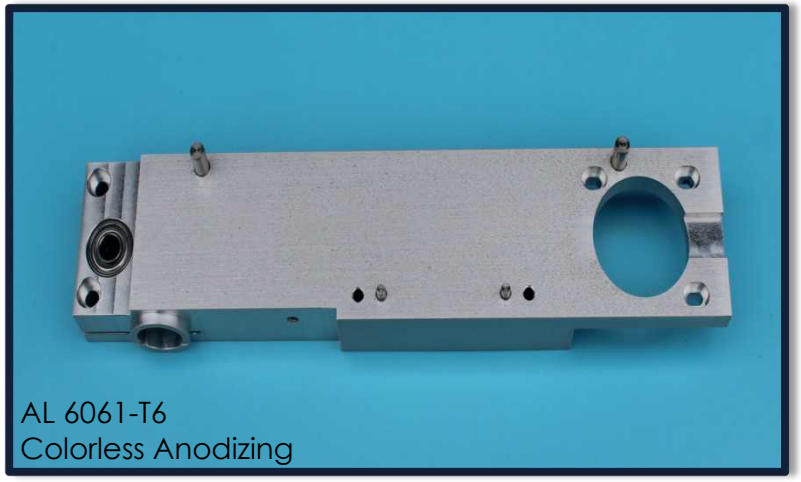
Scope of Performance – Medical Industry


AL 6061-T6 | Black Anodizing


Ti-6Al-4V ELI Titanium
Bead Blast Satin


17-4 PH
Hardened

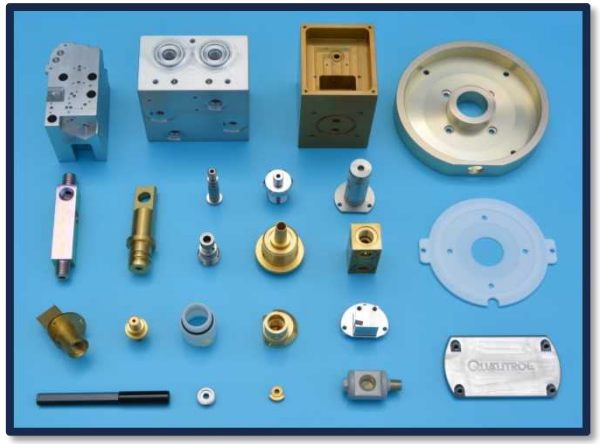

304L
Passivation


AL 6061-T6
Colorless Anodizing


AL 6061-T6
Black Hard Anodizing

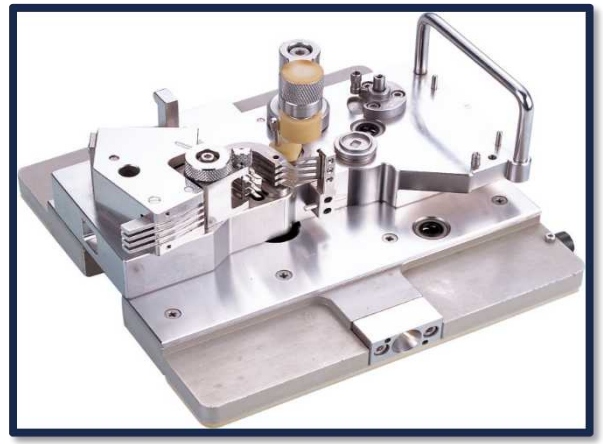
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Scope of Performance – Big Variety







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Machines & Equipment

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Machines & Equipment – Milling Machines

5-axis CNC milling – GROB G150



Travel: X= 450mm, Y= 670mm, Z= 665mm
A= -224.5°/+134.5°, B= n x 360°

5-axis CNC milling – Hermle C22U



Travel: X= 450mm, Y= 600mm, Z= 330mm
A= ±135°, C= n x 360°

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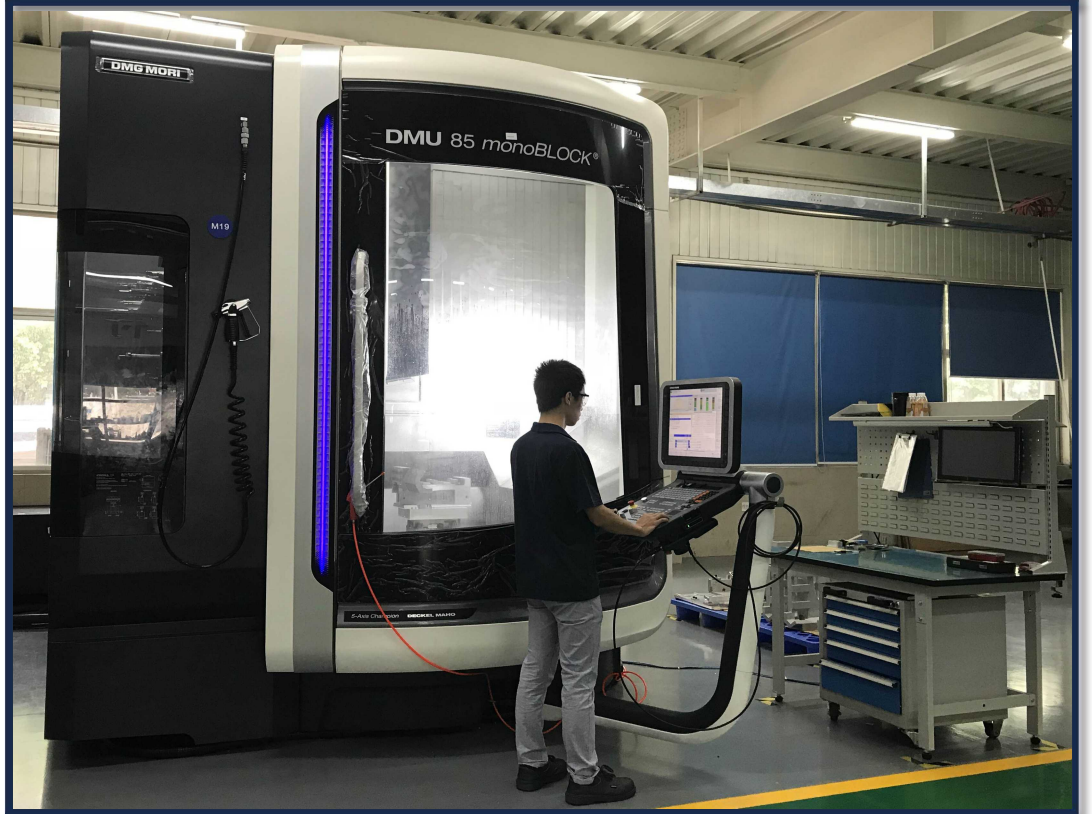
Machines & Equipment – Milling Machines

5-axis CNC milling – DMG DMU90 P duoBLOCK



Travel: X=900mm, Y=1050mm, Z=850mm
B= -30°/+210°, C= n x 360°

5-axis CNC milling – DMG DMU85 monoBLOCK



Travel: X=935mm, Y=850mm, Z=650mm
A= ±120°, C= n x 360°

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Machines & Equipment – Milling Machines

5-axis CNC milling – DMG DMU60 EVO Linear



Travel: X= 650mm, Y= 500mm, Z= 500mm
B= -5°/+110°, C= n x 360°



Aluminium 6061-T6
Automation Industry

5-axis CNC milling– JINGDIAO JDGR 200 A13S



Travel: X= 500mm, Y= 260mm, Z= 290mm
A= -120°/+90°, C= n x 360°



Aluminium 2618-T851
Aerospace

5-axis CNC milling—GF Mikron HEM 500U



Travel: X=500mm, Y=450mm, Z=400mm
B= -65°/+110°, C= n x 360°

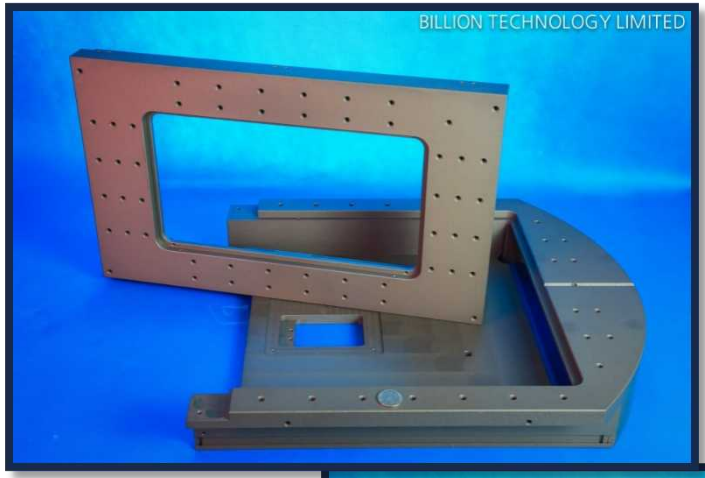
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Machines & Equipment – Milling Machines

Horizontal CNC milling – DMG NHC5000



Travel: X= 730mm, Y= 730mm, Z= 880mm





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Machines & Equipment – Milling Machines

3&4-axis CNC milling – DMG Milltap700





AL 6082



AL 6061-T6

High-Speed Milling – GF HSM 500



Overview I



Overview II



3 & 4-axis CNC milling – HAAS DT1



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Machines & Equipment – Automation Line







Our Flexible Manufacturing System (FMS) includes:

- 4 CNC Milling machines (HAAS)
- 1 Robot-on-Rail Unit (GSK)
- 1 CMM (Hexagon Tygo SF)
- 1 Part-Cleaning-System
- Material Storage

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Machines & Equipment – Turning Machines

Turn Mill Center – Index G200.2



★ Dual Spindle
★ 3 Turrets
★ B Axis

- Max. Bar capacity: Ø1.5~Ø75mm
- Max. Turning Diameter: up to Ø900mm
- Max. Turning Length: up to 1250mm
- Max. swing over bed: up to 1100mm

★ Dual Spindle
★ Driven Tool
★ Y Axis

CNC turning with driven tool—DMG NEF 400



Dual spindle CNC turning with C&Y axis— Haas DS 30Y



CNC turning (vertical) — YOU JI KV600BE



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Machines & Equipment – Sheet Metal Equipment

Laser Cut
Han's Laser
G3015EF – nLIGHT3000



Bending Machine
Han's Laser
W1032B



Riveting Machine
HAiGEi
1024Rms



Further: Tube Bending, Welding, etc.

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Machines & Equipment – Further Machines

EDM sinker –
AgieCharmilles Form 20



Wire Cutting –
AgieCharmilles Cut 200 P
AgieCharmilles Cut E 600
AgieCharmilles Cut P 350
AgieCharmilles CUT 2000 OilTech



Wire Cutting-
TeLue TL4032B



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Machines & Equipment – Further Machines

Swiss Type Lathes

Goodway SW-20	DMG Mori Sprint 20 | 5
Goodway SW-32	DMG Mori Sprint 20 | 5
DS NN-32YB2	TORNOS Swiss DT 13



Cylindrical Grinder
DWJM DW-350CNC
DWJM FC-200



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Machines & Equipment – Manual Machining

- Grinding machines – ID/OD, Surface & Centerless
- Lapping machine
- Manual milling
- Manual lathe
- …









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Machines & Equipment – Metrology Equipment

Zeiss CMM—Contura G2 7106



Travel: X=700mm, Y=1000mm, Z=600mm

- Articulating Touch Probe

OGP CNC 670



Travel: X=650mm, Y=670mm, Z=400mm

- Optical
- Touch Probe
- Laser

Leitz SAGER 10.15.08



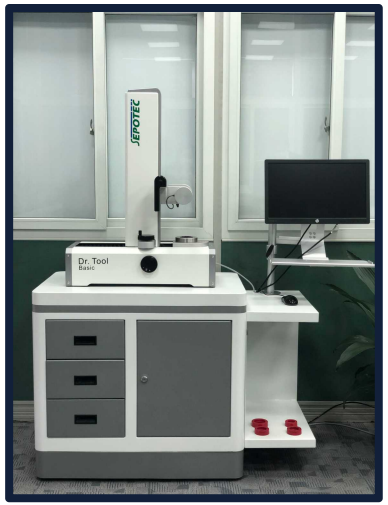
Travel: X=1000mm, Y=1500mm, Z=800mm

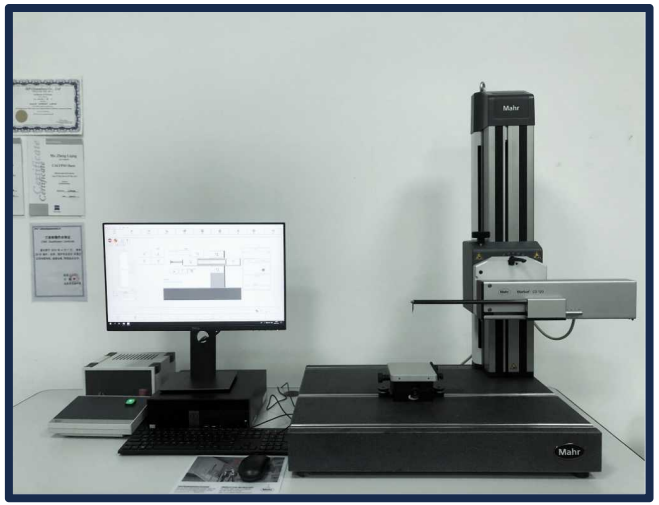
- Touch Probe

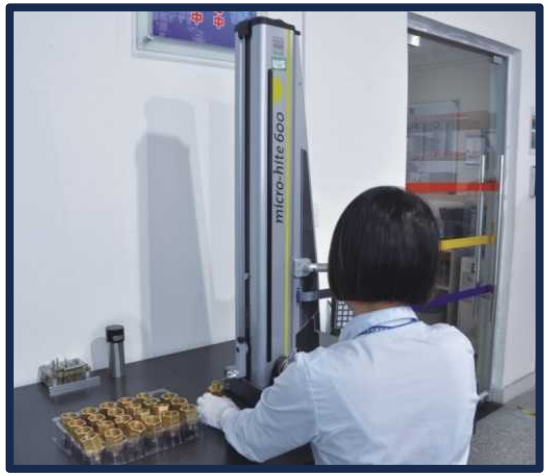
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Machines & Equipment – Metrology Equipment

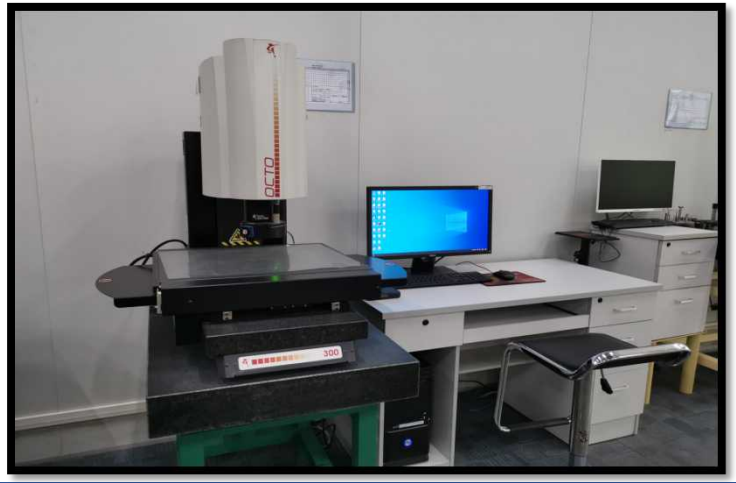
- Measuring Microscopes
- Height Gauges
- Tool Pre-setter
- Roughness Tester
- Hardness Tester
- Contour Measuring Station
- ……











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Machines & Equipment – Clean Room





Clean Room Details:

~150m² (22m x 6.8m)

- Classification ISO 8 (10,000 class)



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Total Solution Service

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Total Solution Service – Process

- ✓ All sources have the NADCAP certification
- ✓ Consistent quality monitoring through all processes

Material

- Local
- Imported
- Test lab

- Casting
- & forging
- Stamping
- Al Extrusion
- Powder metal
- MIM

Machining

- Milling
- Turning
- Grinding
- Lapping
- Cutting
- Molding

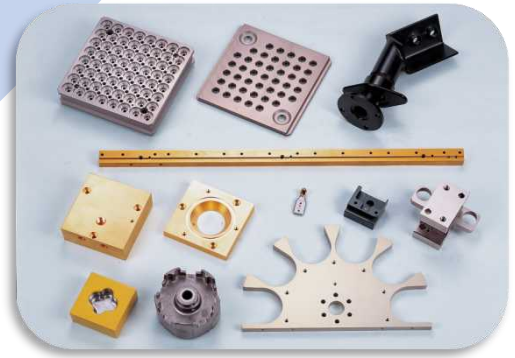
Sheet metal

Secondary processing

- Plating
- Painting and coating
- Printing
- Heat treatment
- Hard coat anodizing



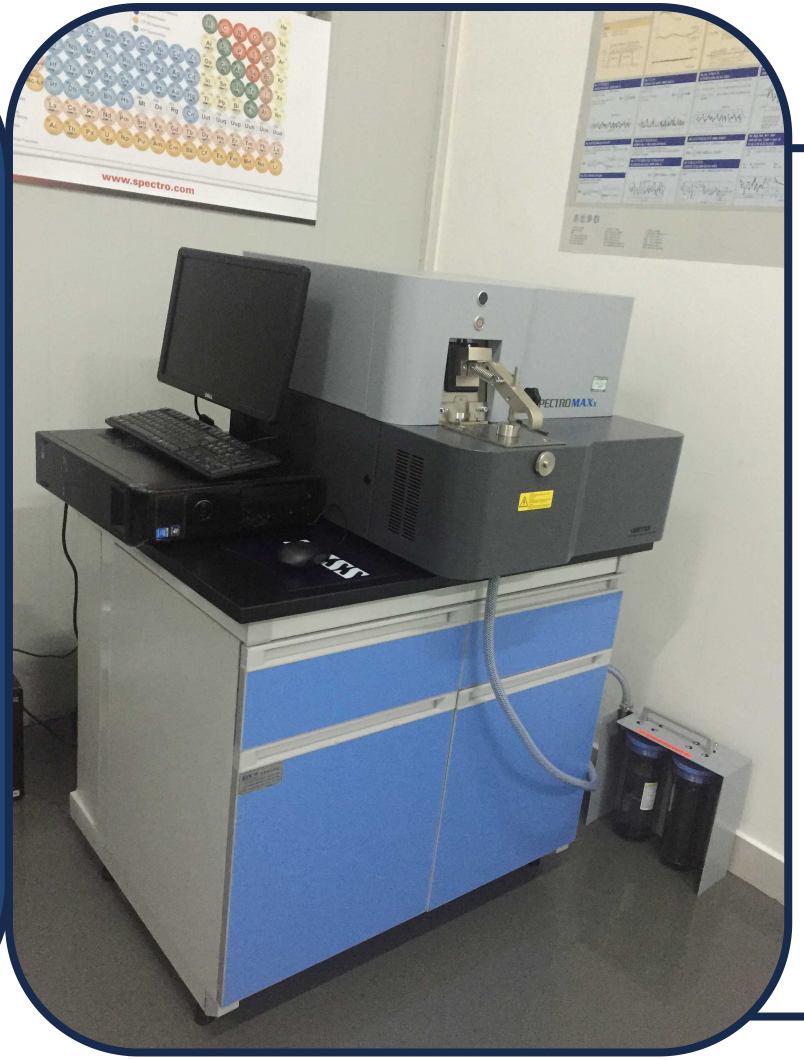




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Total Solution Service – Raw Material & Incoming Inspection

- Carbon Steel
- Alloy Steel
- Spring Steel
- Martensitic Stainless Steel (440C)
- Austenitic Stainless Steel (SS304, SS316L)
- Precipitation-Hardening Steel (17-4PH)
- Cold work Steel
- High Speed Steel
- Inconel, Invar, Kovar
- Carbide
- Aluminum Alloy
- Copper, Brass, Bronze
- Ti & Ti Alloy
- Ceramics
- Plastic & Rubber
- Engineering Plastic



Spectrometer

- Base
- Fe
- Al
- Cu
- Ni
- Ti

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Total Solution Service – Efficiency at Billion Technology



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References

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C919 Made-in-China Aircraft



利勃海尔中航起航空
Liebherr LAMC Aviation

Parker MEGGiTT

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Parker MEGGITT Group

Parker MEGGITT

Motion, Power & Sensing (MPSD)
Avrille, France
Archamps, France
Fribourg, Switzerland
Fareham, UK
Dong Nai, Vietnam
Wiesbaden, Germany

Fire, Safety & Power Systems (FSPSD)
Simi Valley, CA (MSSI)
Milwaukie, OR (OECO)

Gas Turbine Fuel Systems (GTFSD)
San Diego, CA

Fluid Systems (FSD)
N.Hollywood, CA

Engineering Materials
Xiamen, China

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References

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References

RegalRexnord Group

RegalRexnord

Portescap
A REGAL REXNORD BRAND

KOLLMORGEN
A REGAL REXNORD BRAND

Amphenol Group

Amphenol

PCB PIEZOTRONICS
AN AMPHENOL COMPANY

AmphenolCIT
Cable & Interconnect Technologies

Piezo Technologies
An Amphenol Company

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AMETEK – Companies

AMETEK®

zygo®

AMERON
AMETEK MRO

AMETEK®
TEST & CALIBRATION INSTRUMENTS

AMETEK®
NATIONAL CONTROLS CORP.

ENVISTA Holdings

Envista

KaVo Kerr
Group

Palodex
Group

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Semiconductor Industry

ASMPT enabling the digital world

Assembly and Packaging Equipment



PALL Pall Corporation

Process Gas Filtration



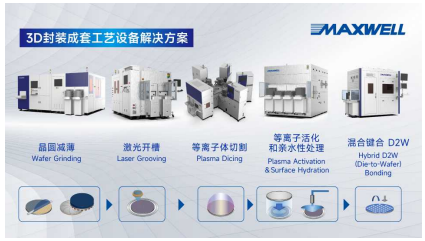
setra

Pressure Transducer



MAXWELL

Turnkey Equipment Solutions for 3D Packaging:
Grinding, Grooving, Bonding



阿达半导体 ADA SEMI

Wire Bonder and Advanced
Packaging Equipment



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References

And many more

















































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Why BTL is different

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Why BTL is different -5 C's

Copyright

- Your data, parts and intellectual property is safe
- Nondisclosure agreements are our daily work



We know our **core business**

- High precision machining and Total Solution Service
- BTL will always serve you with professional work



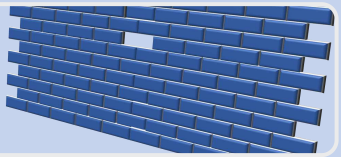
Competitive Pricing

- BTL offers the best cost-benefit ratio to its customers
- High Quality → Fair Prices



Communication

- Every message you send will be confirmed within 24 hours
- BTL will keep you up to date about production, delivery and possible issues



Challenges are welcome

- BTL is happy to solve problems and come up with solutions
- BTL looks forward to new challenges ➔ challenge us

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Why BTL is different – Our Goals













➔ Overall satisfaction of our customers ➔ Never stop improving

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BTL 彼联科技 Billion Technology

We look forward to a successful partnership with you!



Your BTL-team

Continuous improvement

Did you realise anything we could improve?

Please let us know:

1.

2.

3.

We highly appreciate your feedback.

It will help us to become the best team for a long term relationship with you as our business partner.

Thank you very much!

客户意见反馈

Customer Complaint

Your BTL-team

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彼联科技
Billion Technology

Thank you very much

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