

Welcome TO Dongguan Chenglin Smart Technology Co; Ltd.









Precision Machining • Laser Cutting • Sheet Metal Fabrication



Company Profile

We're a vertically-integrated supplier with 110 production machines in-house

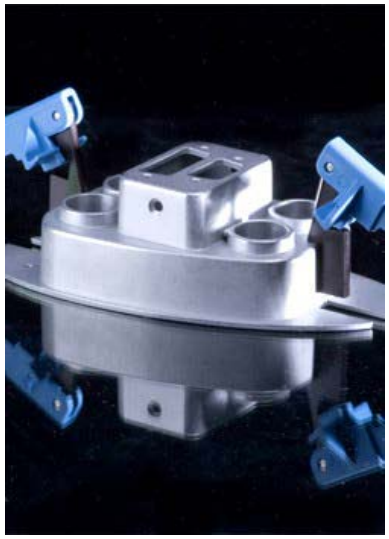
Established in Nov. 2020, Dongguan Chenglin Smart Technology Co., Ltd. focuses on manufacturing CNC machined parts, CNC milling parts, precision hardware, aluminum parts, heat sinks, and other related items. All of which are widely used in telecommunication, consumer electronics, computer, and electromechanical industries.We can offer a one-stop service from material sourcing to shipping, and all production processes are done in-house.



Our Machining Ability

In our facility, we manufacture and assemble small and larger volume parts for many different industries and various materials.

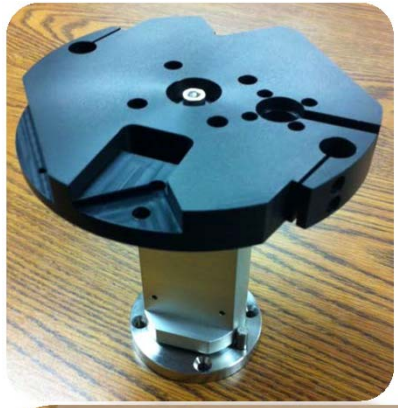
- **Aluminum**
- **Steel**
- **Stainless Steel**
- **Plastics**
- **Forgings**
- **Extrusions (Some restriction)**
- **Castings**







Mechanical Assemblies









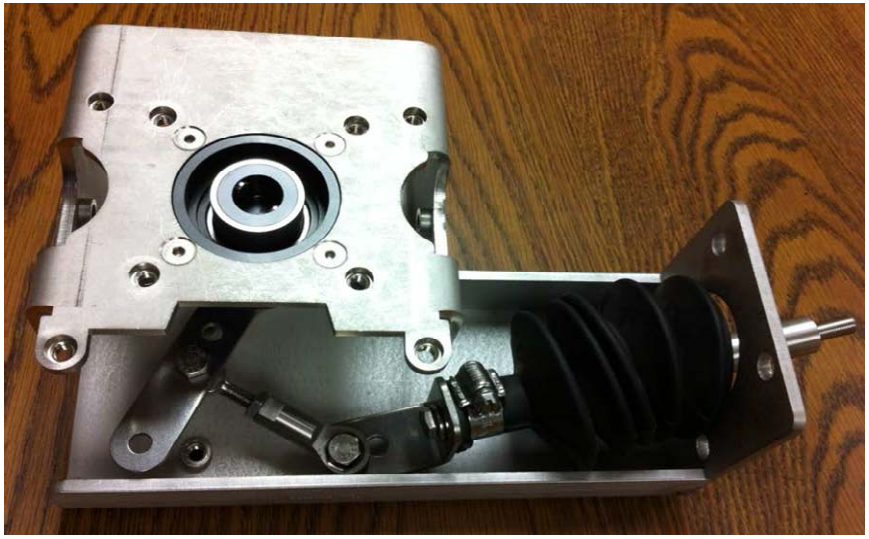




Mechanical Assemblies







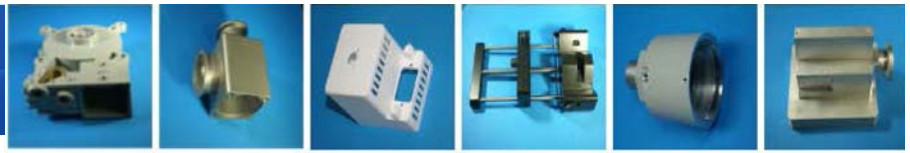




Machining Production







Machining Production











66 Milling Centers





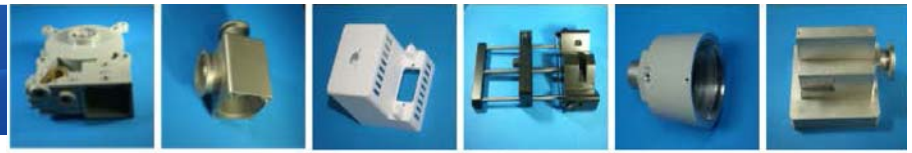




5 Axis Machine







44 CNC Turning Machines









Laser Cutting Machine





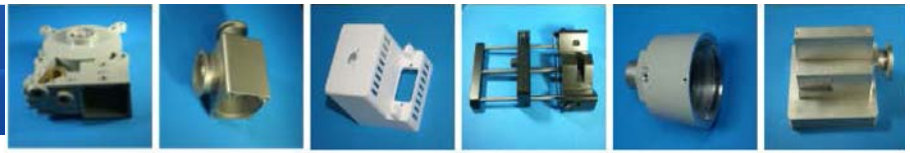

以科技服务世界
Technology and services to the world, with the strength to create the future
用实力创造未来

Press Brake


中德机床

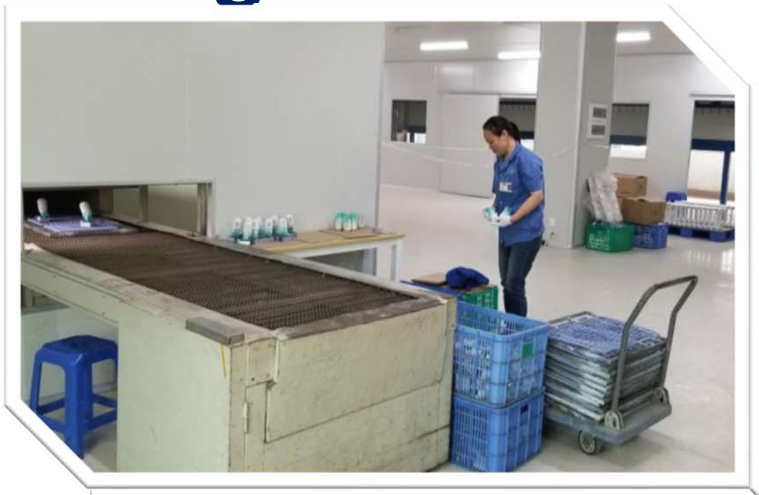

EKO
ES3512
PT50
YEH CHUN
YCN-4516





Automatic Painting and Powder Coat Line



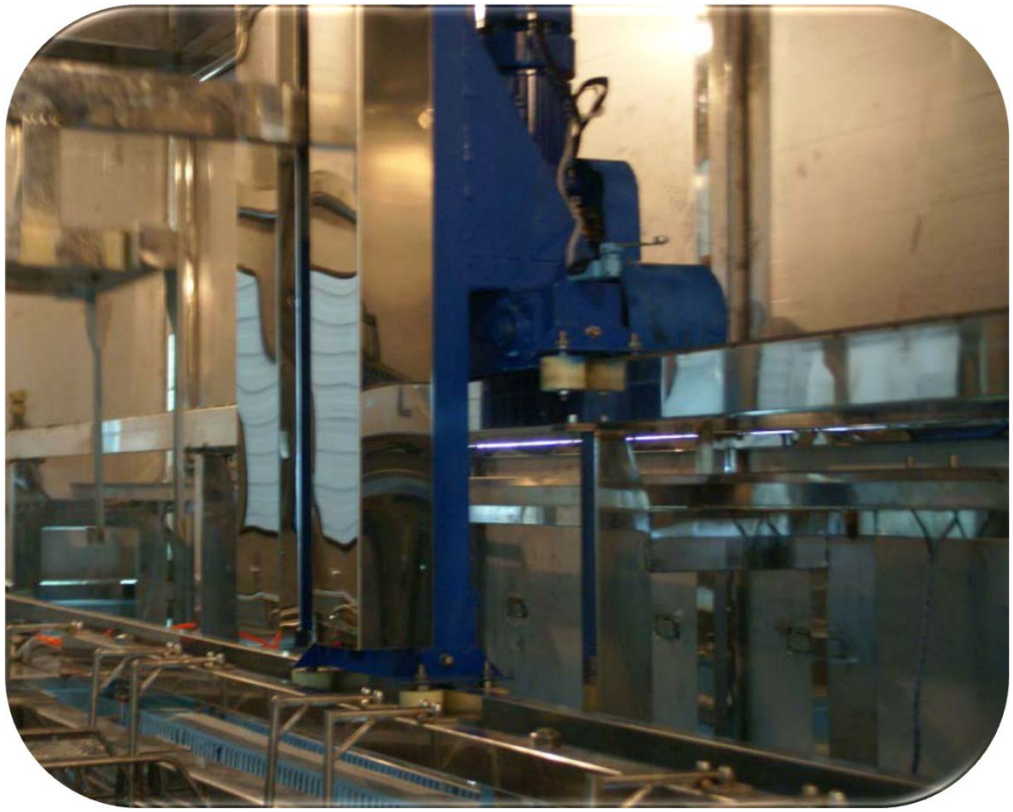








Automatic Ultrasonic Cleaning Line







FQC checking Floor













Product Applications







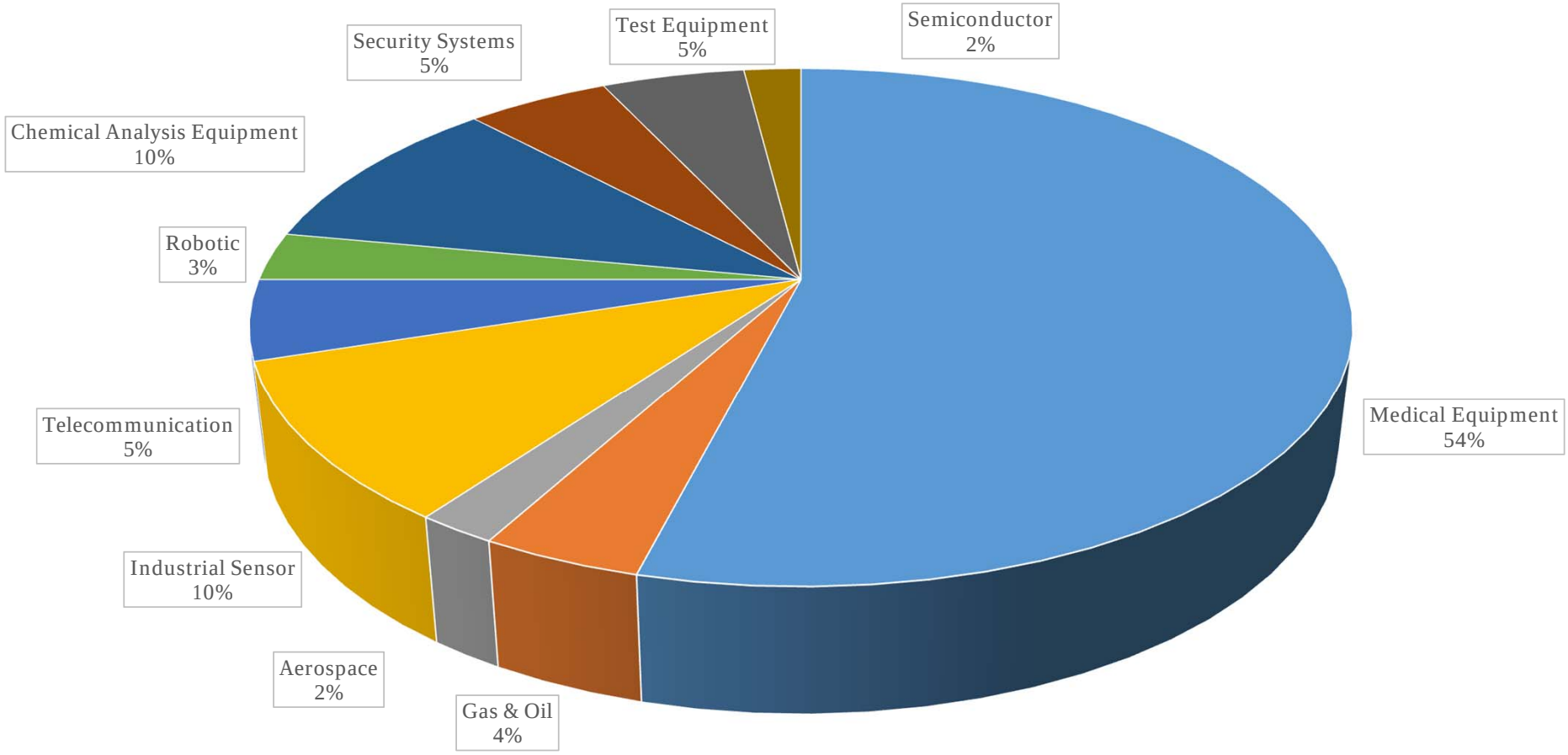


CLST is a single source supplier for all precision manufacturing needs including CNC machining and sheet metal fabrication. In addition to quality manufactured parts, we provide inventory management for customers throughout the US, Europe, and Asia in industries including:

- Medical Equipment
- Gas & Oil
- Aerospace
- Industrial Sensor
- Telecommunication
- Robotic
- Chemical Analysis Equipment
- Security Systems
- Test Equipment
- Semiconductor


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Percentage


Semiconductor 2%
Test Equipment 5%
Security Systems 5%
Chemical Analysis Equipment 10%
Robotic 3%
Telecommunication 5%
Industrial Sensor 10%
Aerospace 2%
Gas & Oil 4%
Medical Equipment 54%



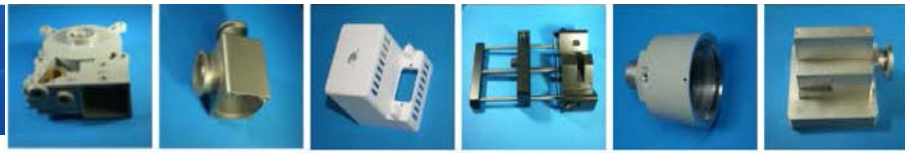
Our Services

- Warehousing locations in the USA and Hong Kong
- Handling and coordinating of all air and boat shipments – including customs
- Dedicated local warehouse (USA & China) for JIT, Kanban, and consignment programs
- 100% formal inspection of parts as required with reports from both our China facility and in house USA QC Dept.
- Material & Plating certifications provided as required.









COMPANY GOALS

Company Goals:

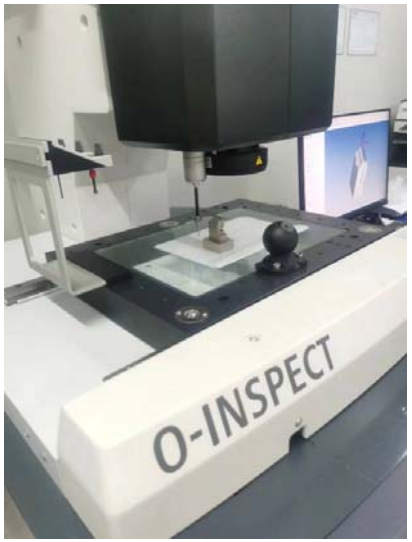
* Total Customer Satisfaction
* Providing the competitive pricing products with the best quality in this class
* Be a world class supplier of machining parts

Quality Objectives:

* Quality first , strive to zero defect

Quality Policy:

* The Best Quality
* On Time Shipment
* The Best Service







Clients

Agilent Technologies
Akoya
Ametek
ASML
Baker Hughes
Caliper Life Sciences
CEI PTE LTD
Celera Motion
Cirtronics
Cogmedix
Columbia tech
Convergent Dental
Cynosure
Dynex Technologies
Excelitas
FARO
Flextronics
FUYU
GE-Oils&Gas
GES Singapore
Glaukos
Kawasaki Robots
Harvard Apparatus Inc
Hologic
IAutomation
Instrumentation Labs
Masoneilan
NxStage
Novanta
Paramit Medical Device
PerkinElmer Connecticut
Plexus
Rapiscan
Waters Corporation
Zoll Medical Corporation



Machining Equipment

CNC Machining Center (Total 66)

- 6 Matsuura MX-520 5-Axis Milling Center 25”x22”x20” capacity
- 13 Fanuc α-D21MiA Machining Center w/Tsudakoma 5-Axis table
- 3 Fanuc α-D21MiA Machining Center w/Fanuc 4-Axis table
- 2 Fanuc α-D21MiA Machining Center w/Fanuc 4-Axis table
- 2 Brother M140X2 5-Axis Machining Center 8” x 15” x 12” capacity
- 4 Enshu EV-360 CNC Machining Center, 24”x14” capacity
- 1 Enshu EV-450 CNC Machining Center, 22”x18” capacity
- 2 Nissin Max 410 CNC Machining Center, 24”x16” capacity
- 8 Ares Seiki R450 CNC Machining Center, 17.5”x12” capacity
- 2 Ares Seiki R4530 CNC Machining Center, 17.5”x12” capacity
- 3 Daewoo ACE-TC380 CNC Machining Center, 20”x15” capacity w/4-Axis Rotary Table



To be continued



Machining Equipment

CNC Machining Center (Total 66)

Continued

- 1 Daewoo ACE-TC400 CNC Machining Center, 20”x16” capacity w/4-Axis Rotary Table
- 1 Daewoo ACE-V415 CNC Machining Center, 32”x16” capacity
- 1 Daewoo MYNX-530 CNC Machining Center, 32”x20” capacity
- 1 Daewoo MYNX-540 CNC Machining Center, 40”x20” capacity
- 4 LK TC-510 Machining Center 20”x16” capacity
- 1 King Rich 450 CNC Milling Center, 17.5”X12” Capacity
- 1 Baoji VMC850L Machining Center 18”x34” capacity
- 2 Zyeng T6 CNC Machining Center, 27.5” X 16.5” capacity
- 5 Zyeng V7L CNC Machining Center 29.5” X 17” capacity w/4-Axis Rotary Table
- 2 Zyeng V11L CNC Machining Center 43” X 23.5” Capacity w/ 5-Axis Rotary Table
- 1 Zyang V-15 CNC Machining Center 60" X 30" capacity w/4-Axis Rotary Table





CNC Lathe Equipment

CNC Turning Lathe (Total 33)

- 4 Citizen A20 Swiss Turn Lathe, Ø0.787”x 8” capacity
- 3 Tsugami M06J-II CNC Automatic Lathe Ø10.5”x 10” capacity
- 1 Fuji TN-360 CNC Lathe, Ø8”x12” capacity
- 1 DMC I-100GN CNC Lathe, Ø4”x8” capacity
- 1 DMC I-160TM CNC Turning Center, Ø6”x8” capacity
- 2 Daewoo Lynx210LC CNC Lathe, Ø10”x24”
- 3 Daewoo Lynx220C CNC Lathe, Ø10”x10”
- 6 Daewoo Lynx220A CNC Lathe, Ø10”x10”





- 1 Daewoo Puma215 CNC Lathe, Ø10”x24”
- 2 Daewoo Puma240LC CNC Lathe, Ø13”x27”
- 3 Advance TC-12B-T CNC Lathe, Ø7”X12”
- 1 Hanwha XP-12 CNC Screw machine Ø0,472”X7.48”
- 1 SNK GT-Xpress CNC Lathe Ø2.5” X 5”
- 1 Baoji CK7502 A CNC Lathe, Ø12”x 24”
- 1 Baoji CK7502C CNC Lathe, Ø12”x 31.5”
- 2 Citizen CSC16 CNC Lathe, Ø0.500”x 8”capacity



Sheet Metal Machine



1.Laser cutting machine…….. GuongDa GDCC3015H w/ PRC Laser Generator PLS3002

2 .Laser cutting machine…….. GuongDa GDCC4015H w/3000w optical fiber laser generator

3. Press Brake 100ton……Zhougde ZDP-10032

4. Press Brake 45ton……Chiuh Yeh YCN-4516

5. CNC Press Brake 35ton- EKO 3512

6. Spot weld Machine……..Hoase ND50

7. PEM installing machine……Kinnotm KY15T

8. 40Ton and 160 KingTo Hydraulic Press

9. 25 Ton and 80Ton Stamping machine

10. Auto-matic Paint line with 50 ft long tunnel oven

11. Automatic Powder Coat line with 70ft long tunnel oven



Measuring Equipment List







- 5 sets Tesa Automatic CNC CMM with Hexagon PC-DMIS measuring software
- 1 set Zeiss O-INSPECT 322
- 1 set Lead – Renishaw FIY 1086-PH20mt CNC CMM
- Bruker Q2 ION Metal Analyzer
- Thermo Scientific XL3 Material Analyzer gun
- Tesa Micro-Hite 3D, CMM
- Mitutoyo SJ310 Surface Analyzer
- Niton XL3t 800 Alloy Analyzer
- Tesa Hite 600, Height Master
- Tesa Hite 400, Height Master (x3)
- Tesa RUF-100, Surface Analyzer
- Profile Projector VMS-4030F



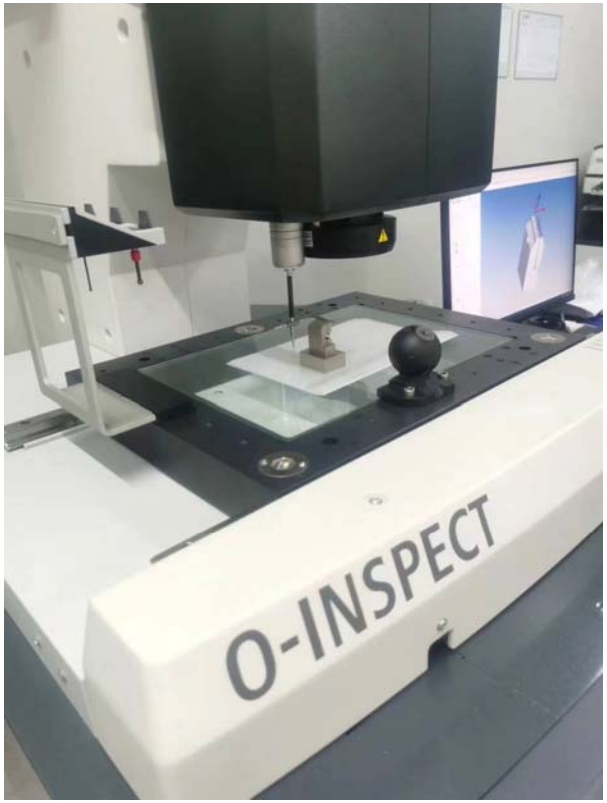
- Trimos 300mm Height Gauge
- Serein 600II, Height Gauge
- Chien Wei CW-107V Measuring Microscope
- Rasonal 4020 Measuring Microscope
- AccuPro Rockwell Hardness Tester
- Air gauge (x5)



ZEISS CMM O-INSPECT 322(Tactile and Optical probes)

Travel: 300x200x200mm Accuracy: (1.6+L/150)um









Profile Projector VMS-4030F

Travel: 400x300x200mm **Accuracy : (3+L/200)um**







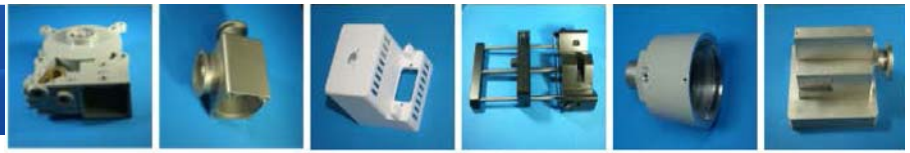
Other Equipment List



- Multiable Java-3T Corporate Management V10.0 ERP system
- Abrasive flow polishing machine SPR-DX51
- AutoDesk Power Mill 2017 CAM Software
- Automatic DI water cleaning machine with ultrasonic power
- AMOddd F1 3D printer
- 4 Milling machines
- 2 General lathe
- 6 sawing machines
- 2 surface grinding machines
- 1 Double Size lapping machine
- 2 Lapping machine
- 1 thread rolling machine
- 1 centerless grinding machine
- 3 wire EDM machines
- 1 honing machine

- 1 3nh NR110 high quality portable colorimeter
- 1 TILO T60(4) Color controller
- 1 3nh NHG60 GLOSSMETER
- 6 Tumbling machine
- 1 YLP-20W Laser Marking Engraver
- 1 YLP-35W High power Laser Marking Engraver





Abrasive Flow Polishing Machine

磨粒流体抛光机AFM SPR-DX51







Parts Photos









In House Finishing Services

Painting wet and powder paint
Laser Engraving
Silk Screening
Part cleaning











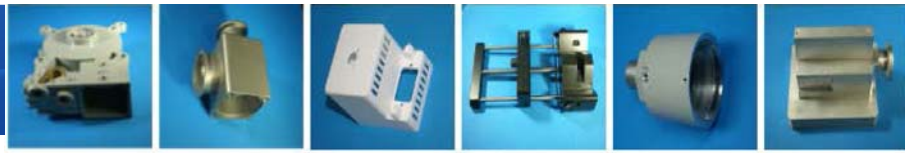




Outside Plating Services

Nickel
Gold
Chrome
Hardcoat
Anodize
Passivation
etc





Parts Photos







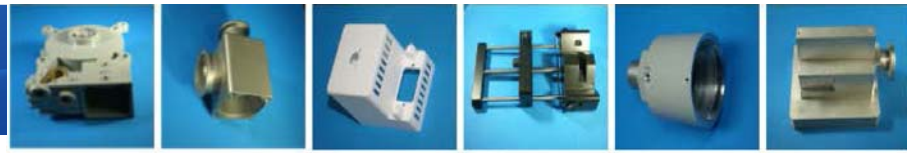










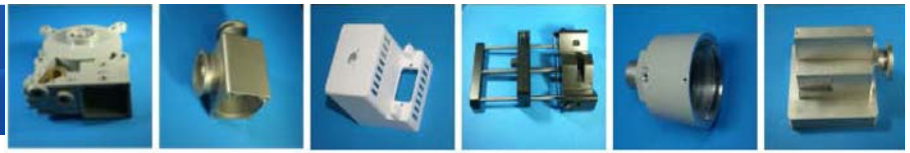


Parts Photos

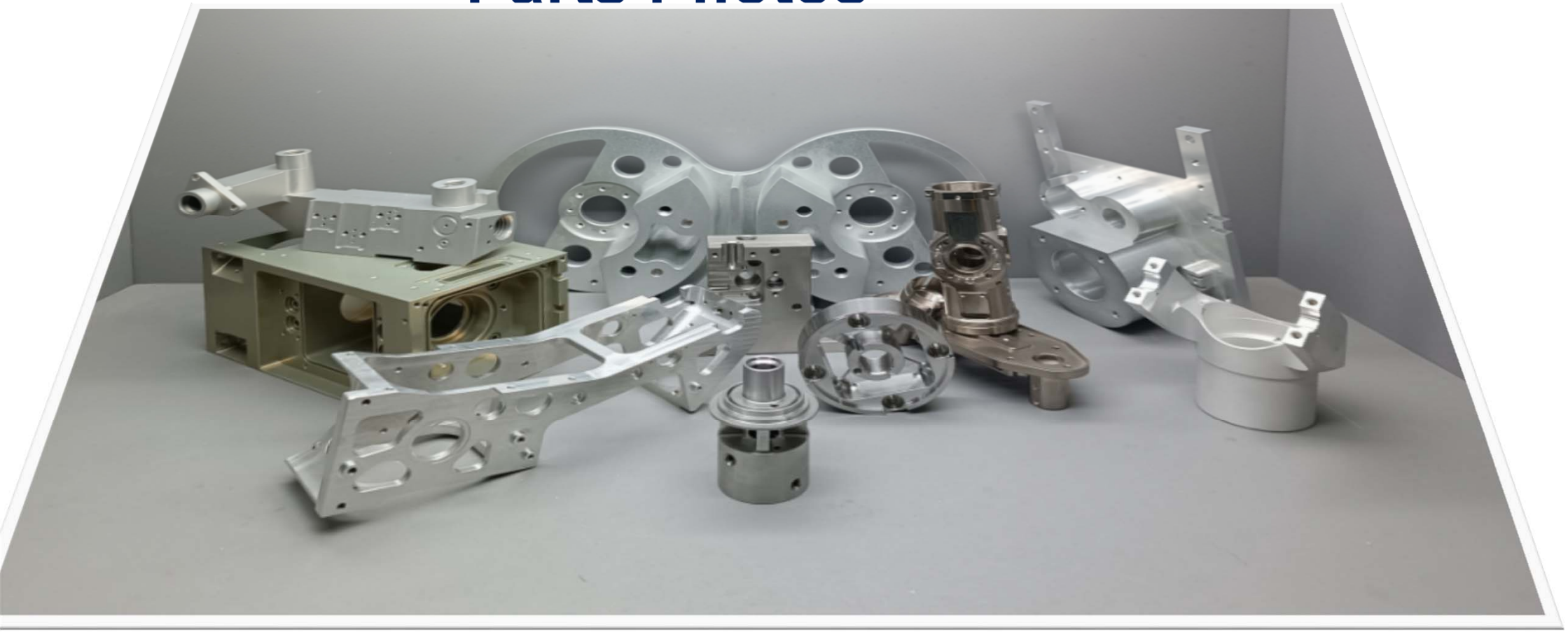






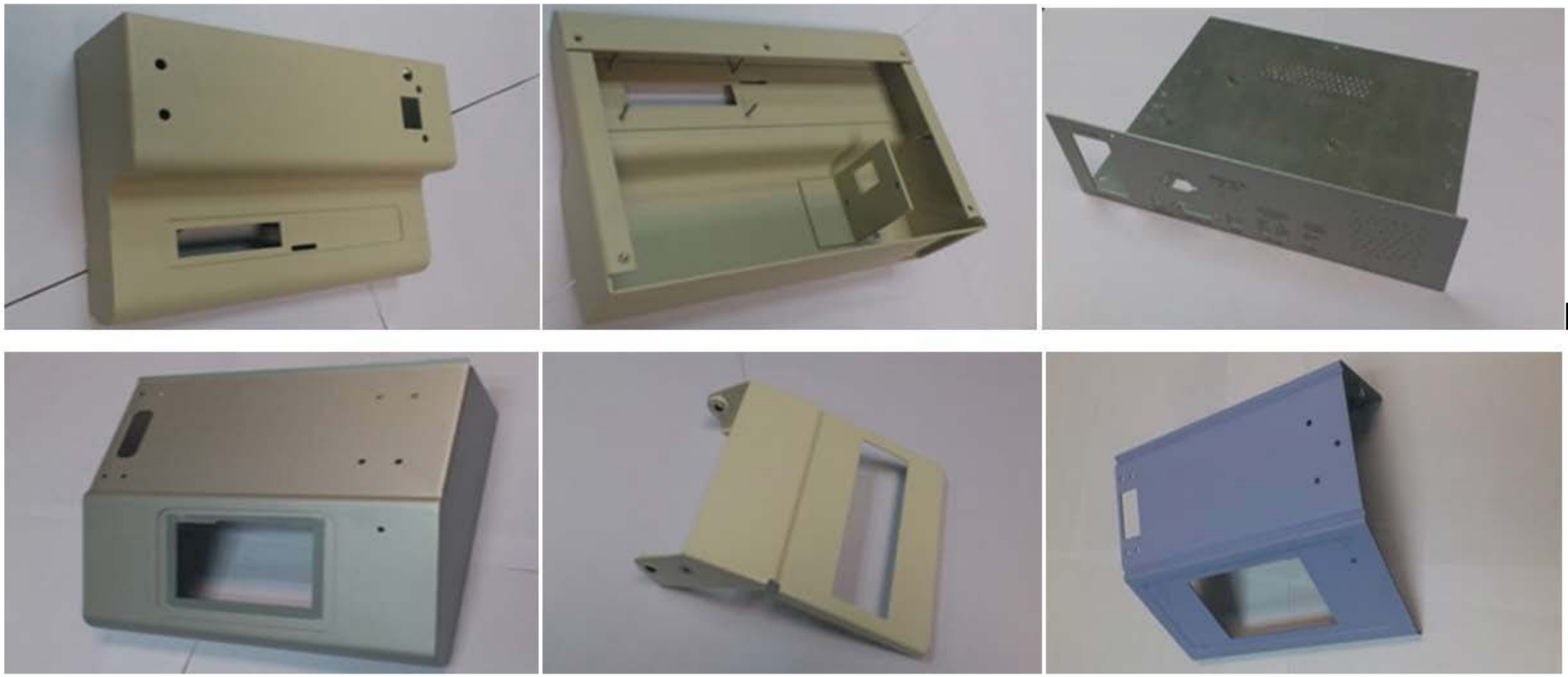


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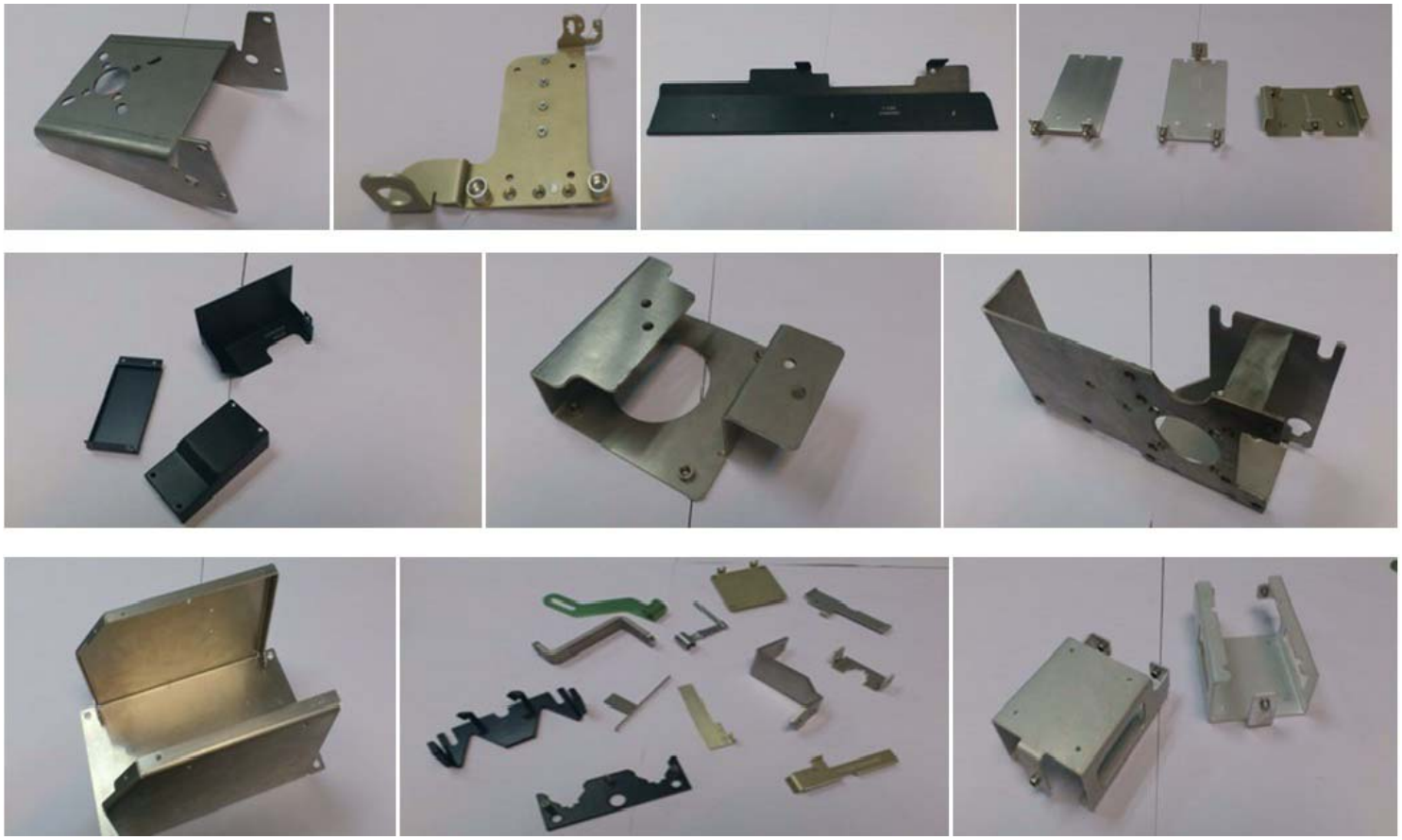


Parts Photos (Sheet-Metal)





Parts Photos (Sheet-Metal)





Manufacturing Plant





The factory is located at Dongguan, PRC. and can be easily accessible through Guan-Shen Highway and Guang-Shen Highway.

Factory: Technimetal Ltd

东莞市成霖智能科技有限公司

Address : Room 101, No. 14, Caolang Street, Zhenxingwei, Tangxia Town, Dongguan City, Guangdong ProvinceP.R.C.

