

WELCOME

Presentation of EHLEBRACHT Group

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EHLEBRACHT Group



EHLEBRACHT AG



Plastics technology

EHLEBRACHT Kunststoff-Technik Vertriebsgesell-Schaft mbH, Enger, Germany



EHLEBRACHT GmbH + Co, KG, Enger, Germany



EHLEBRACHT SLOWAKEI s.r.o., Michalovce, Slovakia



ELEKTRA INDUSTRIAL CHINA Co., Ltd. (EIC), Shenzhen, China



Furniture components

ELEKTRA GmbH, Enger, Germany



- **Production facilities:** in Germany (2x), in Slovakia (1x) and in China (3x)
- **Business divisions:** Moulds, Plastics technology and Lighting System

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Ehlebracht Group Global Presence

Ehlebracht AG



Elektra Industrial China Co., Ltd. ; SuZhou Branch



Elektra Industrial China Co., Ltd. ; NanJing Branch



Ehlebracht GmbH & Co. KG



Ehlebracht Slowakei s.r.o.

Elektra GmbH



Elektra Industrial China Co., Ltd.

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EHLEBRACHT GmbH + Co. KG, Enger





Plastic injection molding: 36 injection moulding machines: 20 ~ 700 tons-6x 20-300T 2K.

Tool shop: Tools maintenance & repair







Power Tools 2k / 3k





Household

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EHLEBRACHT ENGER: products

Components for lighting systems





Handle for vacuum cleaner







Bearing flange for impact drilling machine

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Example: 2-Component Skid Dynamic Drive

Ehlebracht support for the customer:
- Realization of the silver application in 2K rotary table technique
- Delivery of the final assembled and tested skid - ready to use
- Cost benefit of more than 20% compared to the painted solution

Technological competence:
- 2K Rotary table tool and assembly concepts
- 2K Injection molding
- Components assembly







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Example: Pawl for cable drum

Ehlebracht support for the customer:
- Realization of the full automatic part production (Inserting of the leaf spring by a robot system)
- Part function (exact catching) by achieving tiny tolerances

Technological competence :
- Injection tools for metal inserts
- Metal insert injection molding
- Automatization by robot systems







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EHLEBRACHT SLOWAKEI s.r.o., Michalovce



Plastic injection molding: 35 injection moulding machines: 30 –550 tons-6x 2K and 1x 3K. **Metal processing:** 8 – 160 tons
Tool shop: New tool-making, Tools maintenance & repair







Using the 3K injection molding process, we produce the actual components with the first two components and then apply the brand lettering with the third component.

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ELEKTRA GmbH, Enger



Portfolio of services: light and functional technology, LED-lighting systems, development and construction of light and electronic components, controls, connector systems, LED-driver, electrical and plastics assemblies, project management, electrification systems, OEM-production



Furniture Lighting Systems



Systems for Interior Design/Shop Fitting



OEM services



Plastics assemblies

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Furniture Lighting system: Product samples

Kitchen







Bathroom







Retail & shop fitting







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WELCOME

Presentation

Elektra Industrial China Co.,Ltd.

An EHLEBRACHT Holding AG Enterprise

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Elektra Industrial China Co., Ltd.

德仕 EIC

Foundation in China: 2004

Location: Shenzhen; Suzhou; Nanjing

Employees: 800+



Production area:

46,000 m²
in Shenzhen

43,000m²
in Suzhou

3,500m²
in Nanjing

Services:

Plastic injection molding
in Shenzhen / Suzhou

Tool manufacture
in Shenzhen / Suzhou

Assembly
in Shenzhen / Suzhou / Nanjing

Main Equipment:

102 (1K, 2K and Vertical)
Injection Machines

109
Tools Machines

30
Assembly lines

Patents: 268

23
Invention

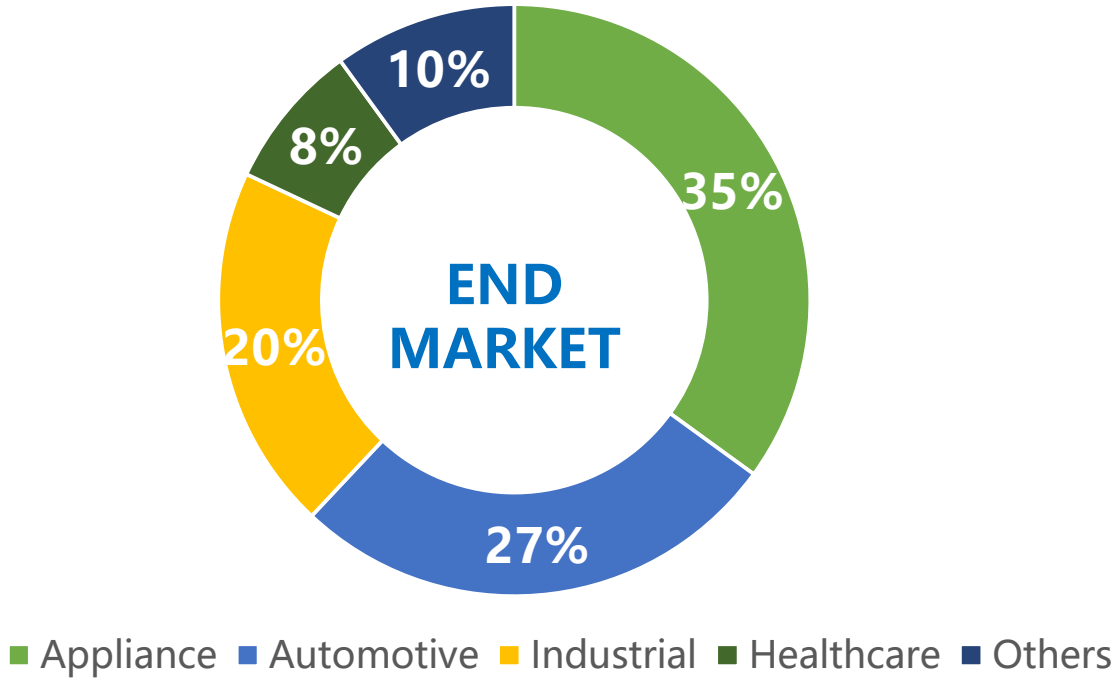
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Utility Model

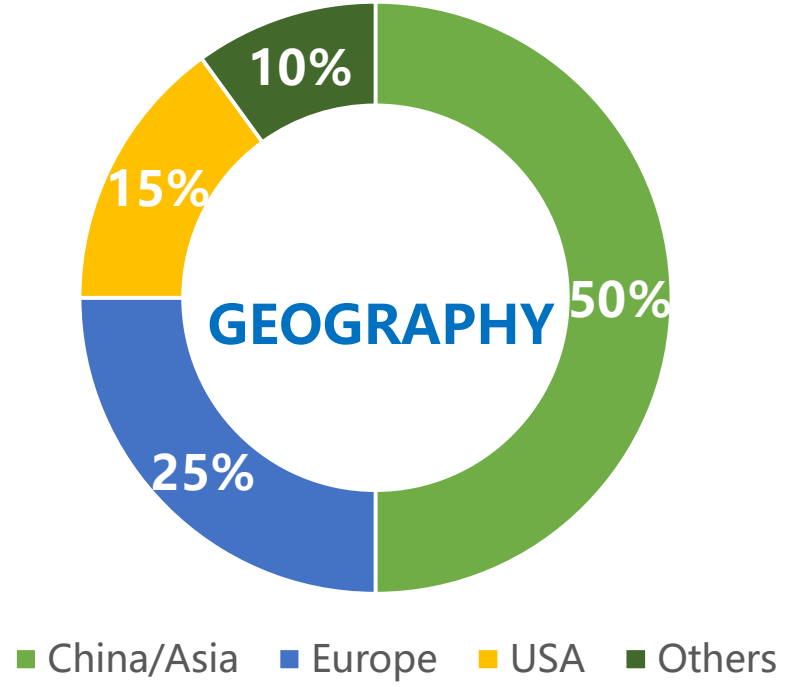
73
Design

18
Software

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EIC Business Overview





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EIC Main Customers (Examples)

Automotive

Valeo
fischer AUTOMOTIVE SYSTEMS
BOS
Rosenberger
Fehrer
YAZAKI
PLASMAN GROUP
+GF+

Appliances / Consumer

B/S/H/
Haier
GE Appliances
A.O.SMITH 史密斯
Miele

Healthcare

Dräger
MicroPort 微创医疗
WKK
PHILIPS

Industrial

GE Energy
KESSEBÖHMER
Häcker kitchen.germanMade.
JABIL
OSRAM
Zollner
BDT
ZEBRA

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EIC R&D Capabilities:

At our site in China (EIC) , We have over 40 Professional plastic and electronic design engineers with rich design experience in the Appliances, Lightings and other industrial fields, We have been providing reliable ODM services to our customers besides OEM services to satisfy customers' requirements.



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EIC Tooling Technologies:

At our site in China (EIC) own tool shop: Tooling technologies successfully introduced contain of e.g. **Stack Molds, Over-Molds, Insert-Molds, 2K-Molds and multi-cavity Molds.**
EIC tooling capacities are available for injection clamping forces up to 1000ton.

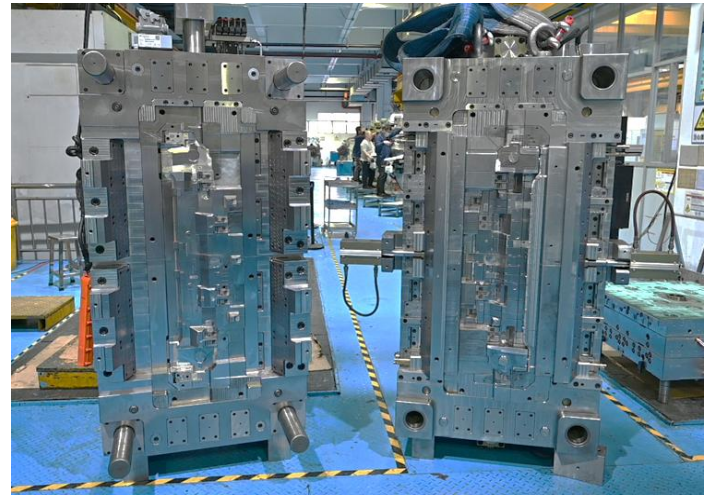
Stack Mold For customer: BOSCH-SIEMENS



Automotive Mold For customer: Audi-C7



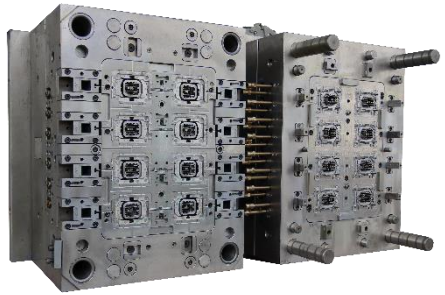
Automotive Mold For customer: AMG C590

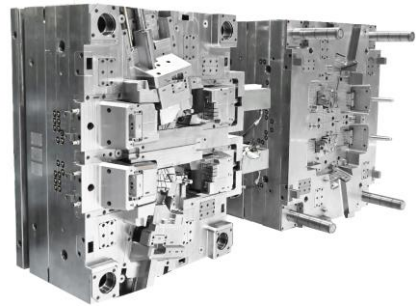






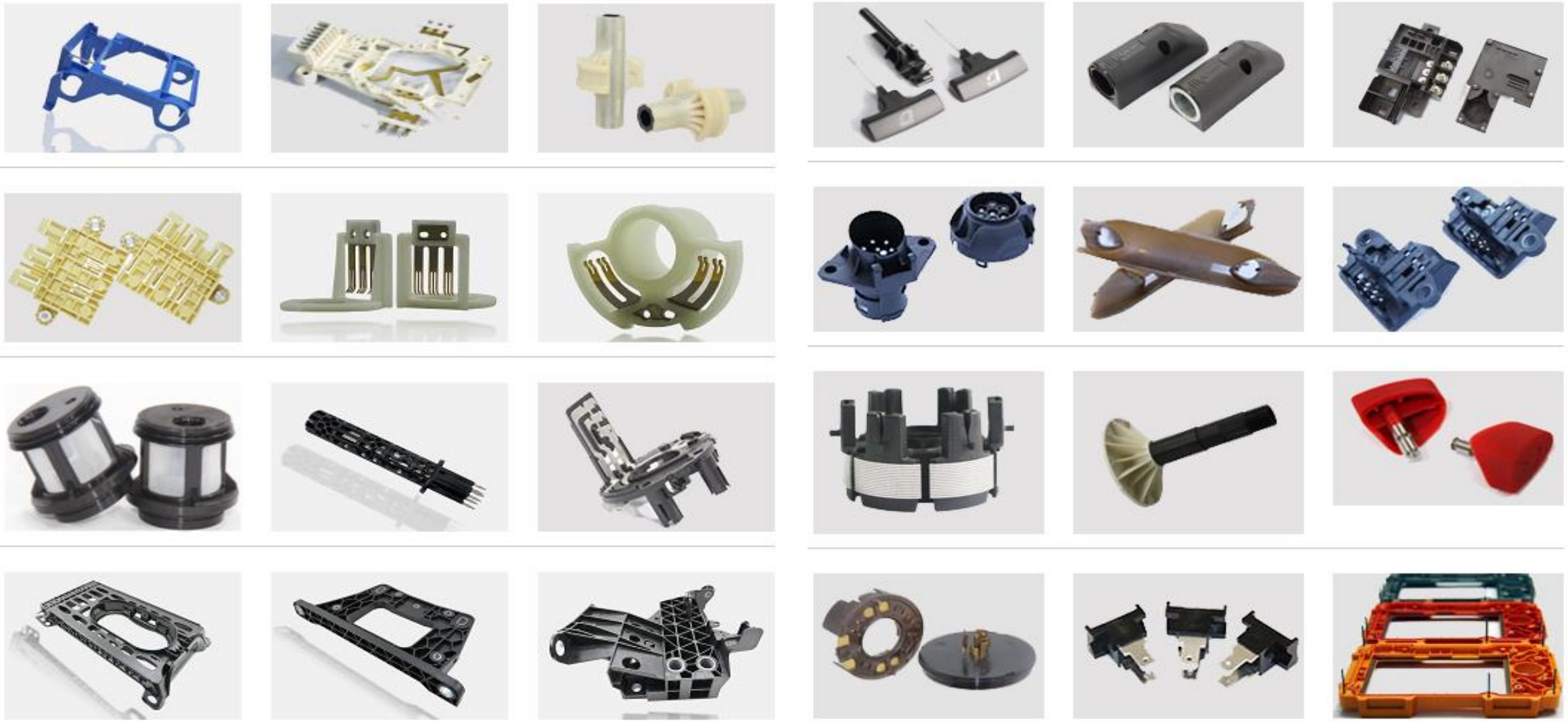






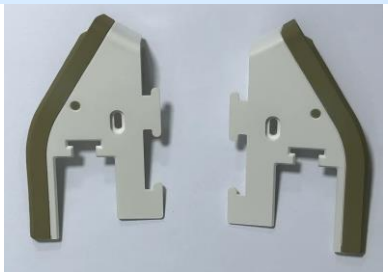
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EIC Products for Industrial (Insert Mold examples)



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EIC Products for Industrial (2K and Overmold examples)

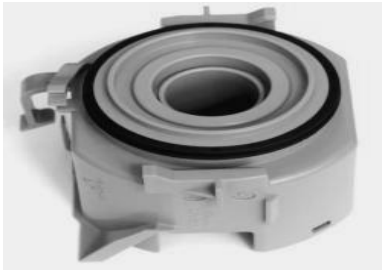














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EIC Products for Industrial (IMD/IML examples)



















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EIC Products for Industrial (Examples)













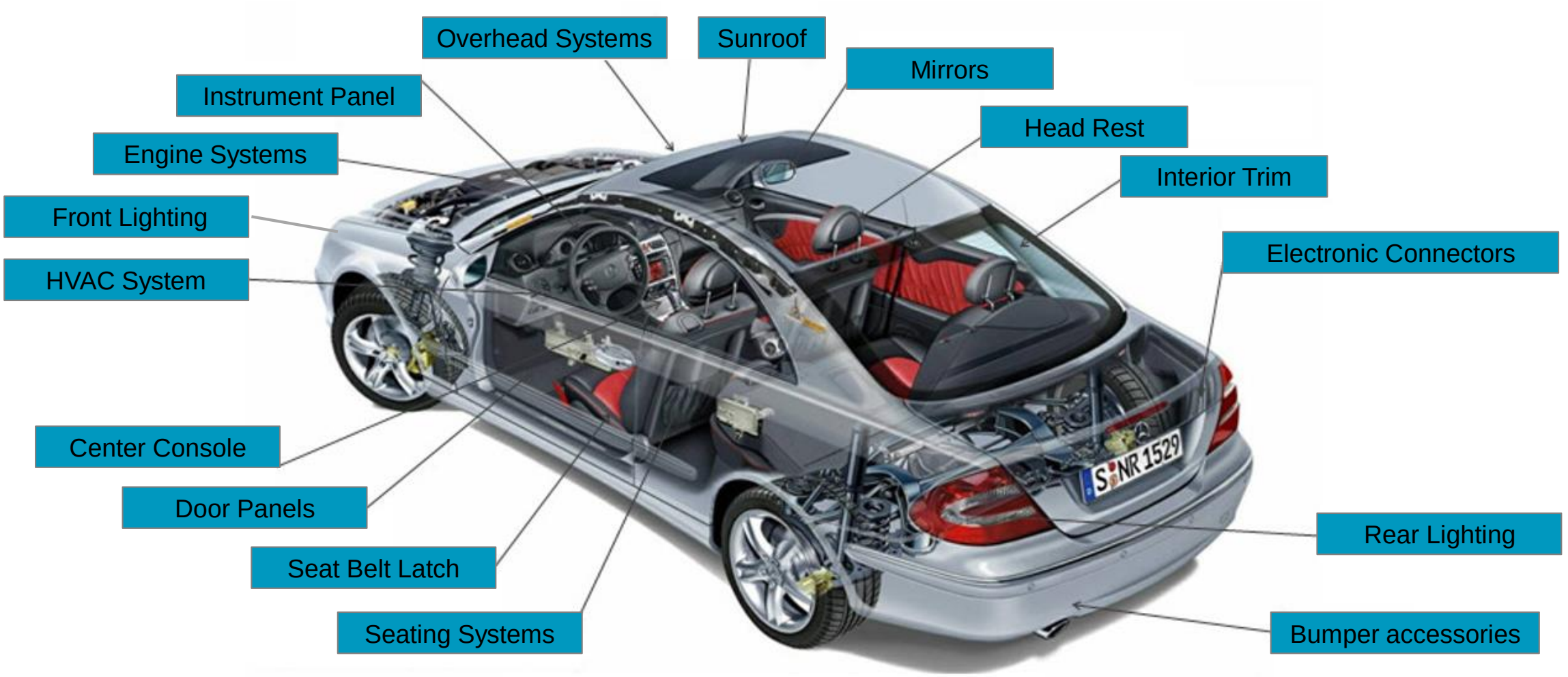






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EIC Products for Automotive



Experience with most plastic automotive systems

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EIC Tooling and Molding for Automotive Lighting



Head Lens & Rear 2k Lens





Bezel & Reflector





Housing & Support



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EIC Tooling & Molding for Interior parts



德仕 EIC



















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EIC Tooling for Armrest and Storages



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EIC Tooling & Molding for Thermal System
(Filter, frame grid, tank, tube, etc.)





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EIC Tooling & Molding for (Airconditioning,Cable channel,Engine cooling etc.)





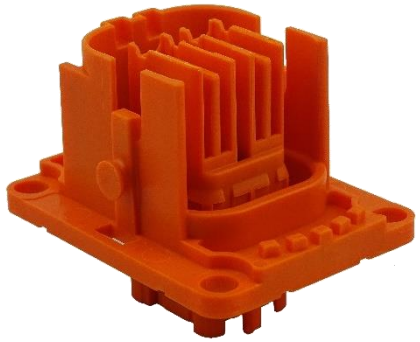
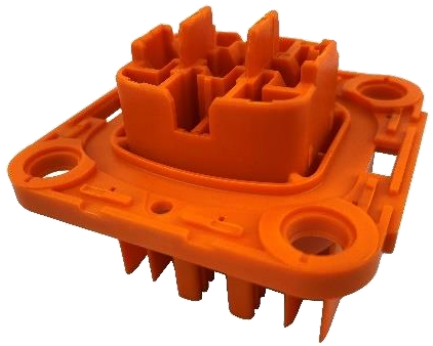


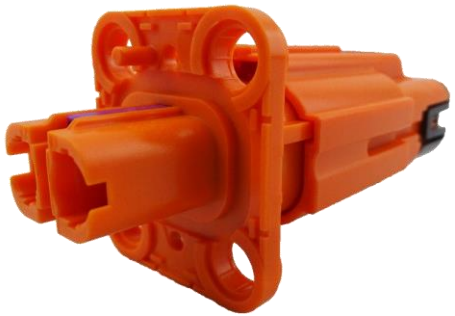
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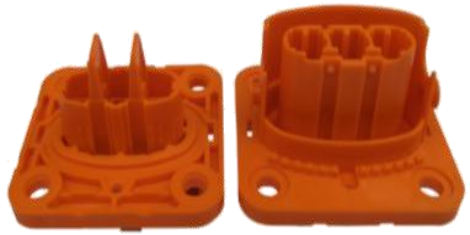
EIC Tooling & Molding for High Voltage Connector





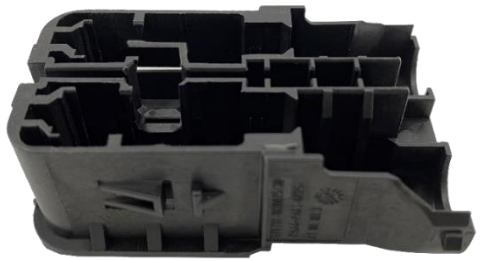



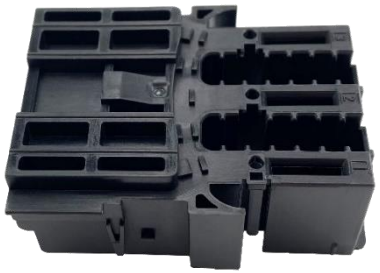



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EIC Tooling & Molding for Connector and Socket

















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EIC Tooling & Molding for Automotive seating



Belt buckles & Connectors





Seats adjusting knobs



















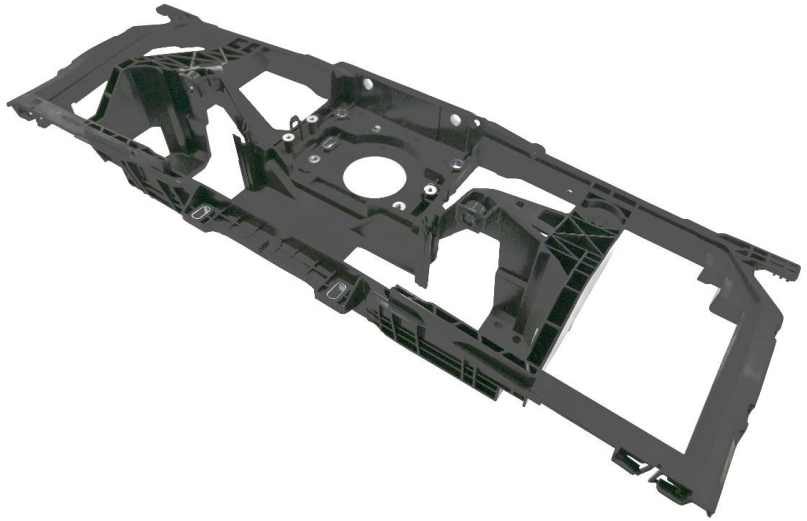
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Tooling & Molding for Automotive Bumper

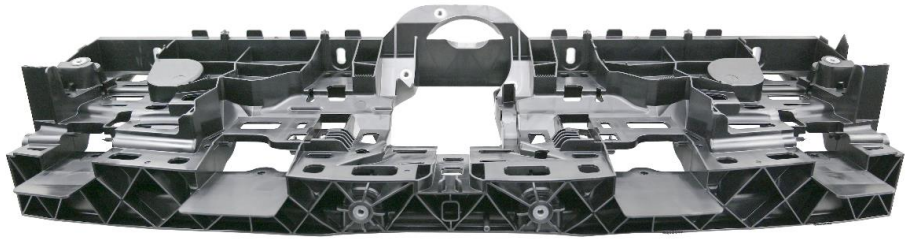


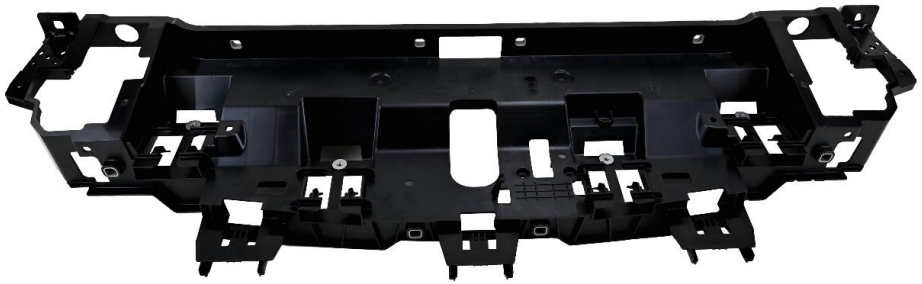












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EIC Products for Appliances/Consumer (Examples)



Control Panel





Detergent Dispenser
+
Water tank





Window Door Kit





Kick Panel + Flap



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EIC Products for Appliances/Consumer (Examples)











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EIC Products for Healthcare (Examples)







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EIC Products for Components Assembly (Examples)













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EIC Factory Tour (Shenzhen)







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CNC Room





MAKINO CNC



DMG 5-Axis CNC



FANUC CNC



MAZAK CNC

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EDM Room







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Wire Cutting Room



Sodick Wirecutting





AgieCharmilles Wirecutting

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EIC Tooling Shop (Shenzhen)

Mold Fitting Machine



Mold Fitting area



Depth Drill Gun Machine



Mold Quality Inspection area

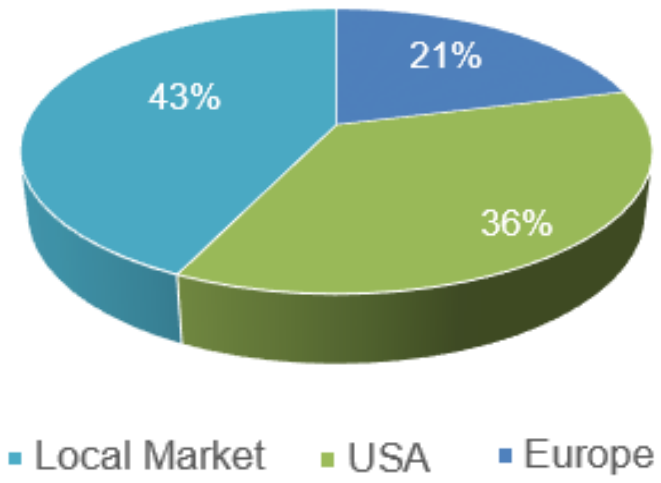


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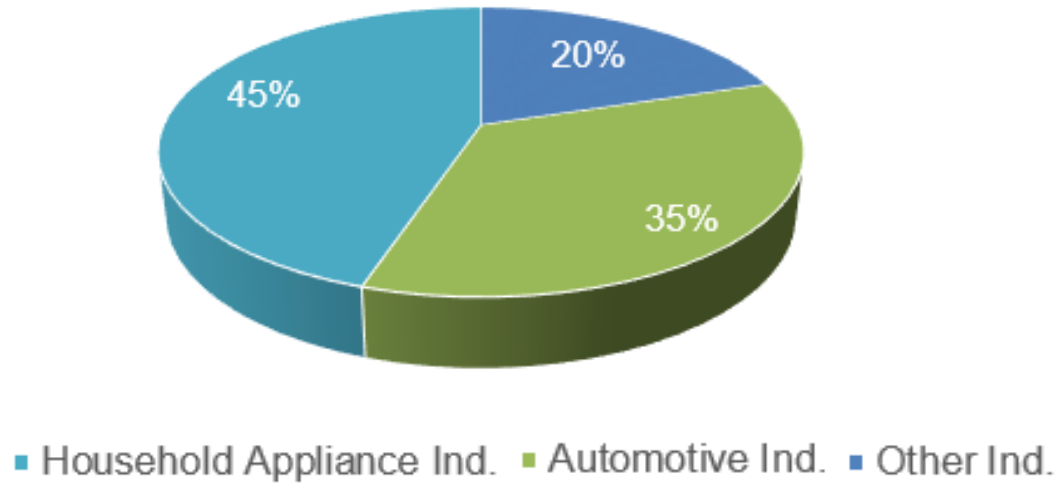
EIC Tooling Shop (Shenzhen + Suzhou)

- EIC Yearly New Tools Capacity: around 400 sets

EIC New Tools Delivery Distribution in 2025



EIC New Tools Industry Classification in 2025



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EIC Injection Shop (Shenzhen)





43 sets of injection machines range from 40T to 650T,

All injection machines are equipped with robot arms to achieve fully automated production.









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EIC Assembly Shop (Shenzhen)





System and Components Assembly Area









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EIC Assembly Shop (Shenzhen)

SMT Room







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Printing Room

Silk printing · Pad printing · Hot stamping







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EIC Assembly Shop (Shenzhen)

Lathe Machine Room









Fully Automatic Terminal Pressing Machine



LED Strip Splitting Machine



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EIC Suzhou Branch Factory







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EIC Suzhou Branch=>Injection Shop





59 sets range from 40T to 1,000T





3 Engel (220T 2K, 80T Vertical)



10 Toshiba (50, 100, 130, 180, 1000T)

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EIC Suzhou Branch=>Injection Shop

100,000 (ISO 8) Level Clean Injection Room







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EIC Suzhou Branch Factory=>Central Material Supply System









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EIC Suzhou Branch Factory=>Assembly Shop



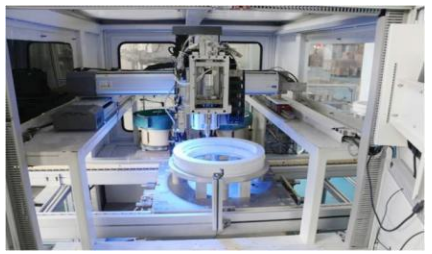


System and Components Assembly Area: 4000 m²













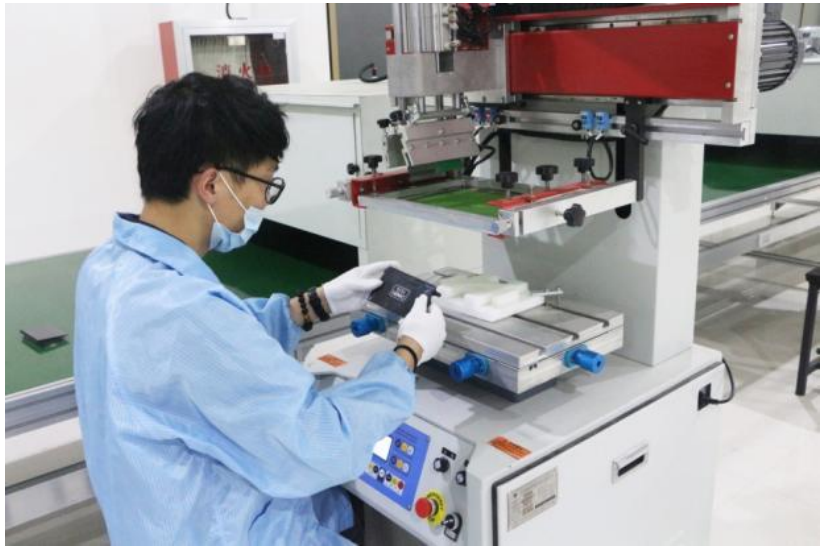
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EIC Suzhou Branch Factory=>Printing Shop

Printing Room

Silk printing · Pad printing · Hot stamping







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EIC Suzhou Branch Factory=>Tooling Shop





EIC Suzhou Mold Making is well equipped with many advanced machines which are imported from Switzerland, Germany and Japan, such as Fanuc, Mazak and Makino CNC, AgieCharmilles and Sodick Wirecut and EDM machines etc.



Mazak CNC



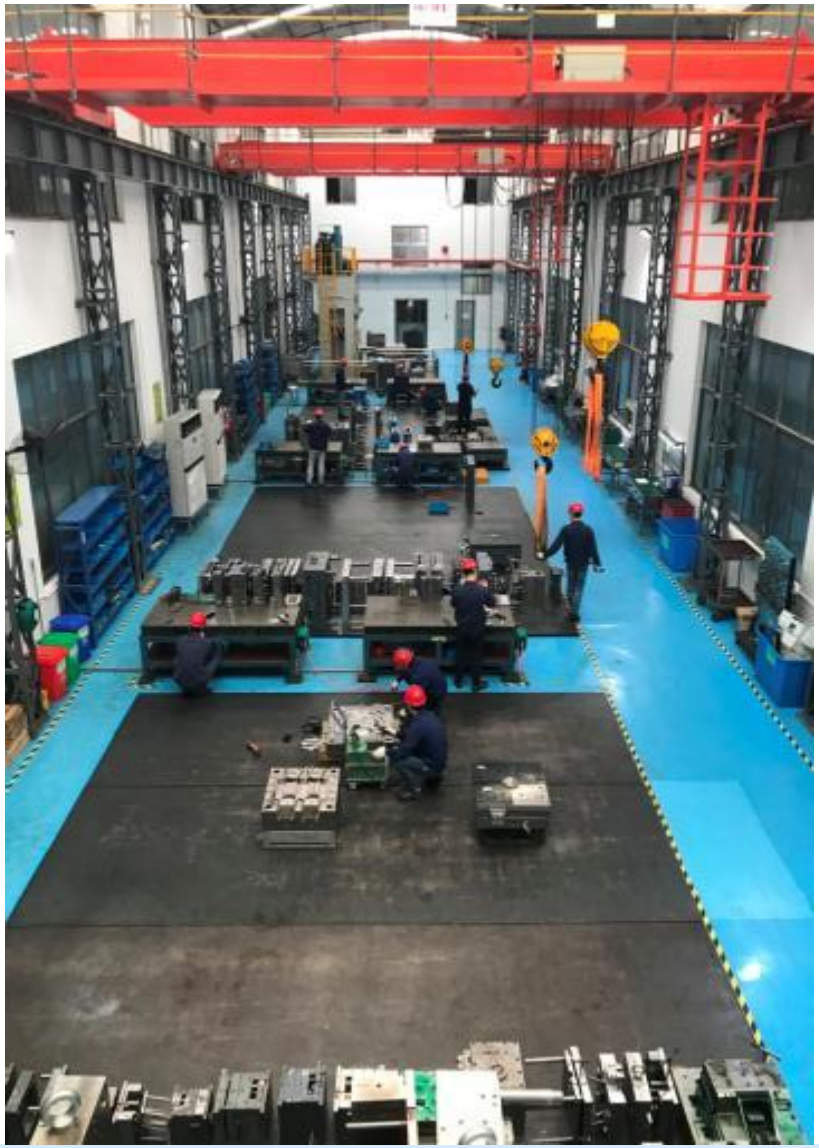
FANUC CNC

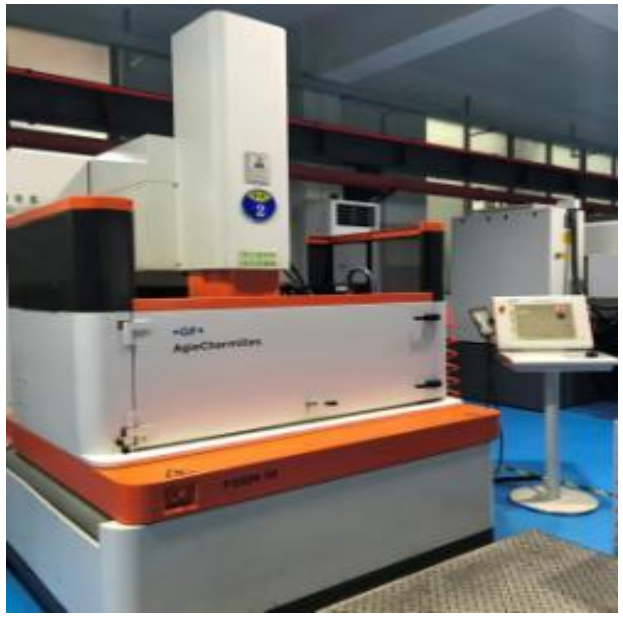


AgieCharmilles and SODICK Wirecut

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EIC Suzhou Branch Factory=>Tooling Shop











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EIC NanJing Branch Factory





J.I.T. Deliver directly to BOSCH / SIEMENS Assembly Line; Logistic: Supermarket Concept











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EIC Logistics











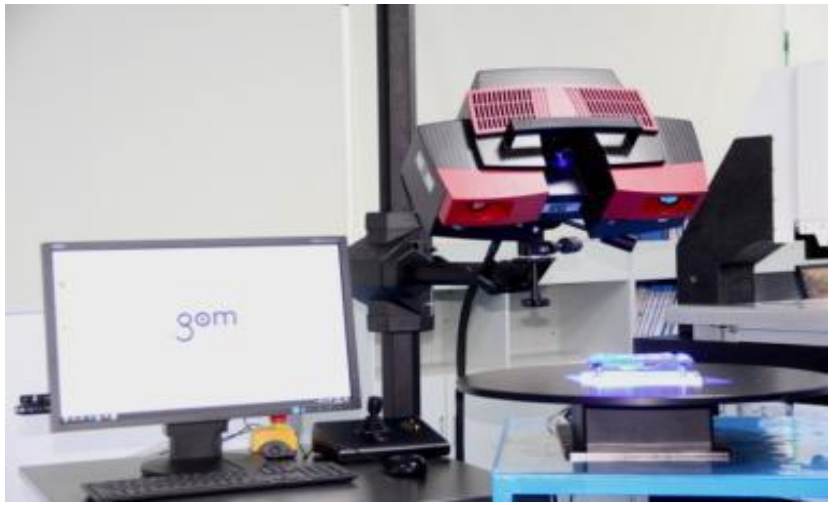


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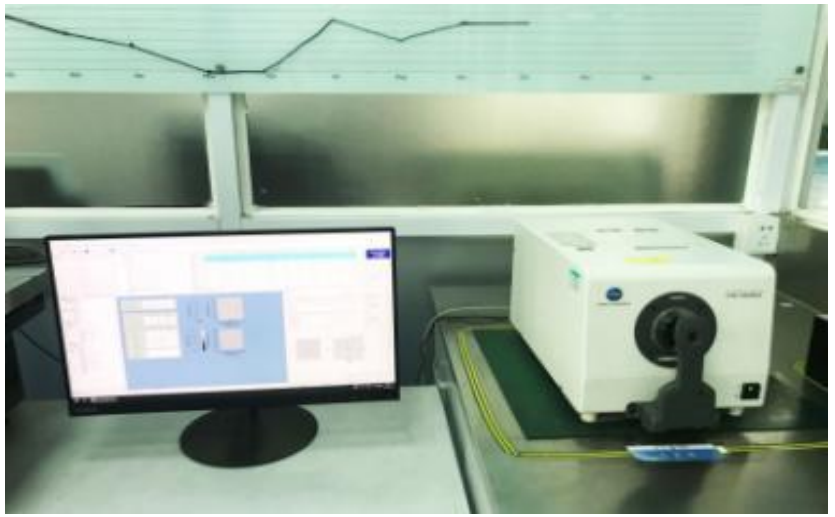
3D Measuring Instrument



3D Scanner (GOM ATOS III TS)



Color Meter



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EIC Quality Control

Spectrometer (RoHS measuring instrument)





Metallographic Specimen Meter



Melt Flow Index Tester



X-ray Meter



Thickness Meter



Glossy Meter



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EIC Quality Control

Frictionometer



FT-IR Spectrometer



Salt Mist Test Machine



Moisture Analyzer



PH Meter



High Voltage Tester



Standard Light Booth



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EIC Quality Control

LED Combined Spectrum Analysis Meter



Illuminometer



Temperature&Humidity Chamber



Flame Retardant Tester



Muffle Furnace Ash Tester



Height Gauge



Hardness Tester



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ISO certification



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Contact us

You are interested in our products? You have questions regarding our company?
Please let us know. We look forward to receive your message!
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Thank you!

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