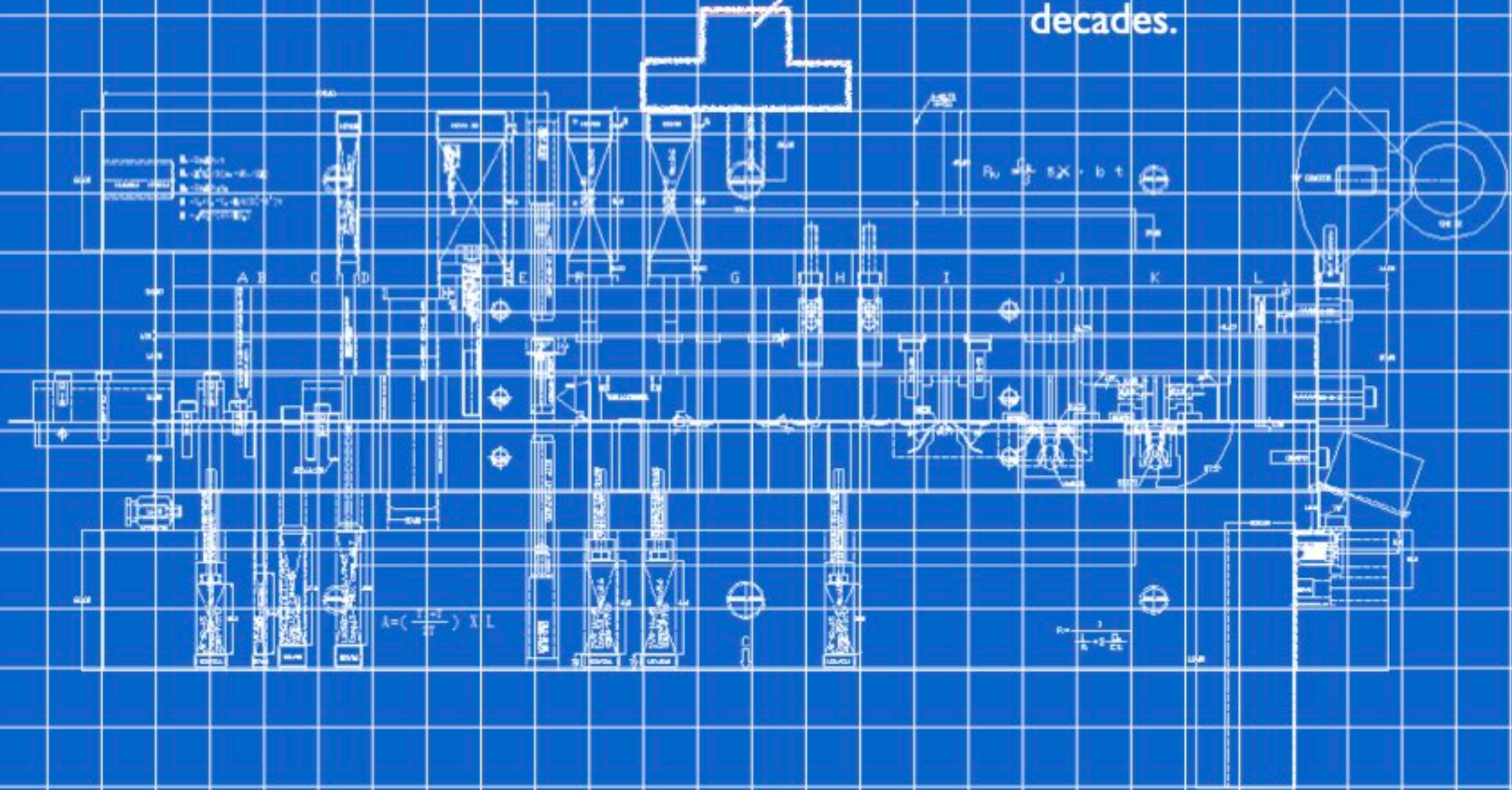




SHANK

Just like a shank stabilizes the die in a stamping machine, G-Shank has been serving as the strongest support for our partners worldwide for more than four decades.



Who Are We? (TWSE: 2476)



Chairman: Yu-Huang Lin



Group's Capital: **\$67.9M** (USD)



Est. 1973 (Suzhou branch 2001)



CEO: Ying-Shuo Lin

Director (China Area): Jia-Rong Zheng

Deputy Director (Suzhou): Yung-Wang Lin



2,519 (Worldwide)



Employees **123** (Suzhou)

Group Revenue Percentage

Parts  94%

Die  3%

Merchandise  2% (Transaction within the group)

Toolings  1%

THE LARGEST
COMPANY
DEDICATED TO
PRECISION
STAMPINGS IN ASIA



Where Are We?

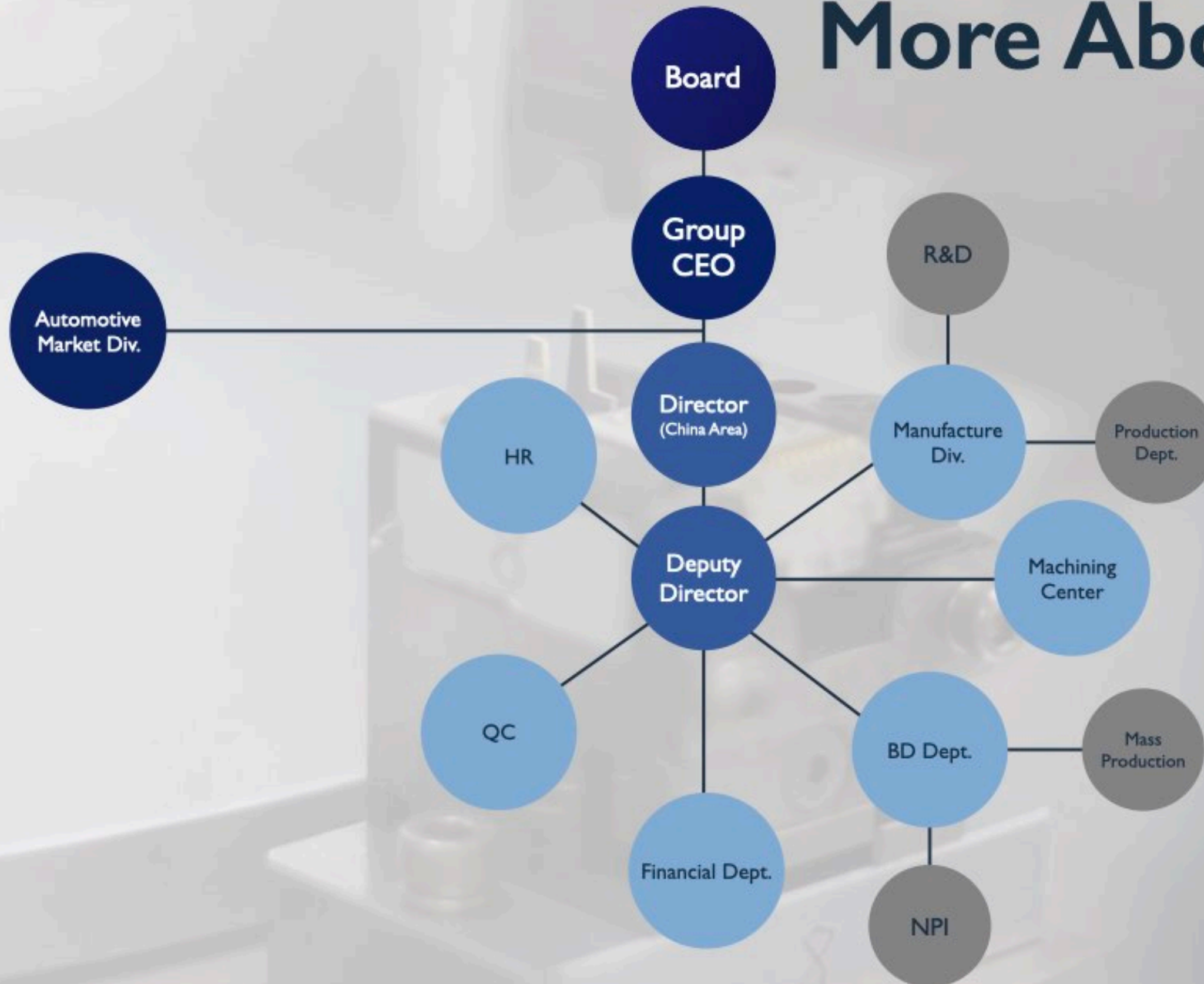


Headquarters & Suzhou G-SHANK

**World's
Headquarters**



More About Us



How Did We Start?

Stamping

1973 Founded
 1980 Est. Design Center
 1984 Est. 6S Policy
 1989 Est. Malaysia Branch
 1994 Est. Mexico & the USA branches
 1996 **ISO 9001 Certified**
 1996 Est. Shanghai Branch
 1998 Listed in Over-The-Counter
 (The First Company in Metal Stamping Industry in TW)
 1998 Est. Thailand & Taiwan Bade Branches



1973

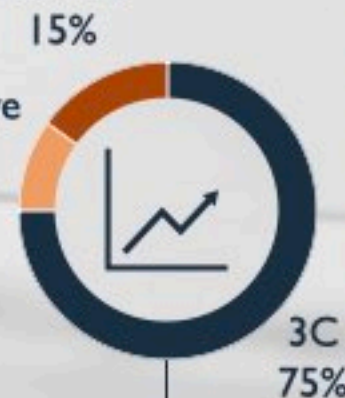
2000

2010

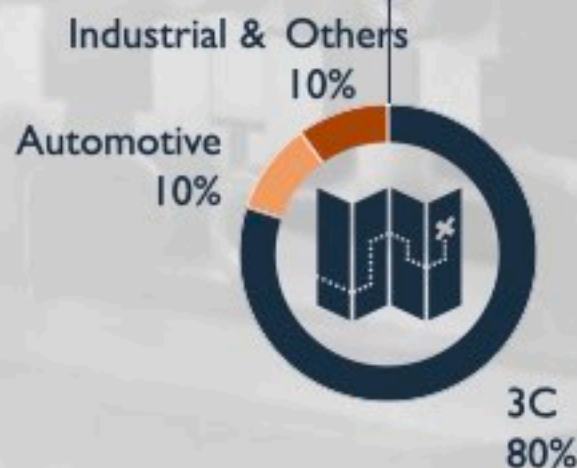
2021

Vertical Integration

2009 Electroplating Lines Est.
 2010 Est. Insert-Molding Dept.
 2012 Est. Japan Branch
 2012 Est. Wuhan Branch
 2012 Record High Die PO (209 sets/mo)
 2012 Stamping, Electroplating, Insert-Molding, Automatic Assembly Vertical Integration
 2018 Est. Automotive Market Div.



Global Growth



2000 Est. Shanghai II Branch
 2001 Listed in TWSE (2476)
 2001 Est. Dongguan, Xiamen, Suzhou, Qingdao Branches
 2002 Est. Indonesia Branch
 2003 Est. Tianjin Branch
 2005 **ISO14001 & ISO/TS16949 Certified**
 2006 Est. Shenzhen I Branch
 2007 Est. Shenzhen II Branch

What Do We Do?

16% Automotive

- Regulators
- Transmission Coolers
- GPS/ USB/ Charger Connectors
- Airbag & Seat Belt Connectors
- Air Conditioning
- Fuses
- Button Adaptors
- TPMS
- Headlight Parts
- Anti-theft Systems

32% Industrial and Others

- Sensors
- Relays
- No Fuse Breakers/ Switches
- PLC
- Timers
- Blood Sugar Testers
- Scalpels
- Semiconductor Lead Frames
- Furniture Parts
- Electronic Cigarettes



11% Communications

- Mobile Phones
- ADSL
- Internet Related

17% PC/NB

- I/O
- Type C
- USB
- HDMI
- FPC/ FFC
- Memory Cards
- Board-to-board

24% Consumer Electronics

- Appliances
- Digital Cameras
- Gaming Parts
- Switches
- Video Recorders



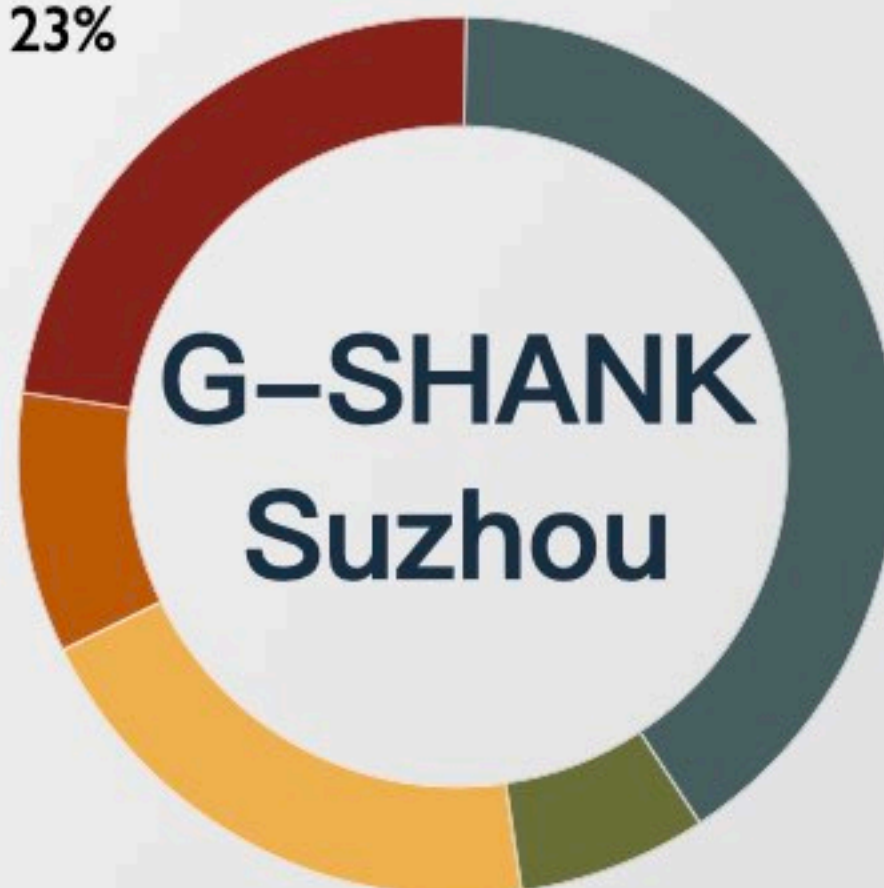
Industrial & Medical
23%

Automotive
40%

Appliances
10%

Consumer Electronics
20%

PC/NB
7%



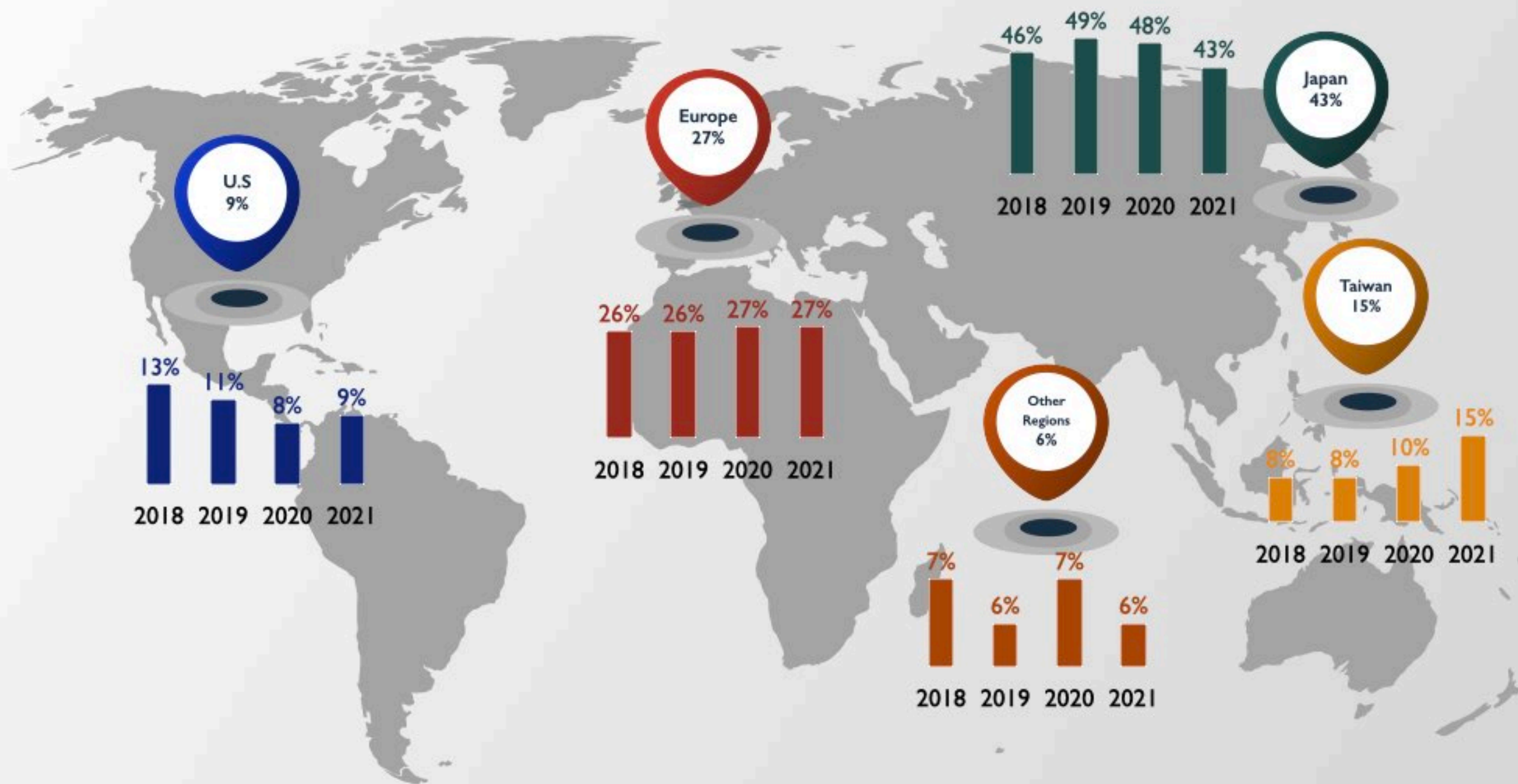
Group Fiscal Revenue



※Exchange Rate

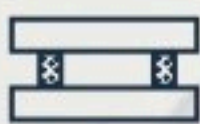
Total Sales by Region

(based on customer's region)



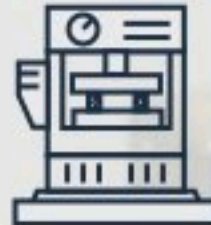
One Stop Solution

Die Design

 **x110** sets
(Monthly Capacity)

- 3D/CAD Design
- Design Database System

Stamping

 **x745**
(10 - 400T)

- Servo Feeds
- AOI Machine Inspection

Insert-molding

 **x37**
(35 - 110T)

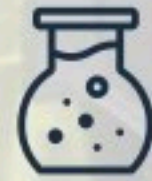
- AOI Machine Inspection
- Vertical, Horizontal Insert-molding Machine

Machining

 **x543**

- Vertical CNC Machine
- Jig Grinder
- Profile Grinder
- Wire E.D.M
- Grinder
- Lathe
- Milling Machine
- Sawing Machine
- E.D.M
- Drilling E.D.M
- Precision E.D.M
- Horizontal Profile Grinder

Electroplating

 **4** Machines
8 Lines(Hoop)

Au (Gold)  Sn (Tin)
Ni (Nickel)

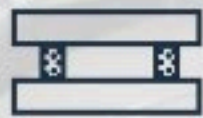
Automated Assembly



- R J 45 Connector
- D-SUB Connector
- Automatic Laser Welding Machine
- Automatic Silver Brazing Assembly
- Automotive Safety Device Assembly

Suzhou Capabilities

Tooling & Die Design



10 sets(Monthly)

- 3D/CAD Design
- Design Database System

Stamping



x41
(20 - 400T)

- Servo Feeds
- AOI Machine Inspection

Machining



x24

- Vertical CNC Machine
- Jig Grinder
- Profile Grinder
- Wire E.D.M
- Grinder
- Lathe
- Milling Machine
- Sawing Machine
- E.D.M

- Drilling E.D.M
- Precision E.D.M
- Horizontal Profile Grinder

Springs



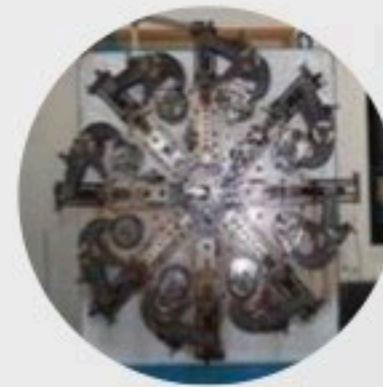
x59

- Coiling Machine
- Automatic Lathe
- Recoil Spring Machine
- Disc Grinder
- Heat Treatment Machine
- Voltage Regulator
- Drilling
- Air Compressor
- Tumbling Machine
- Wire Stripping Machine
- Ultrasonic Cleaner Machine

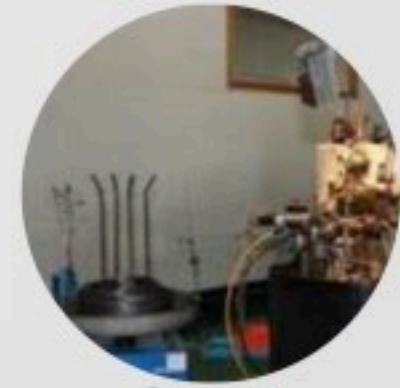
- Polisher
- Automatic Riveting Machine



CNC



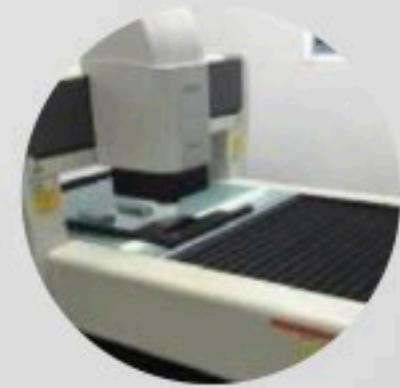
Springs



Springs



RoHS XRF Analyzer



3D CMM



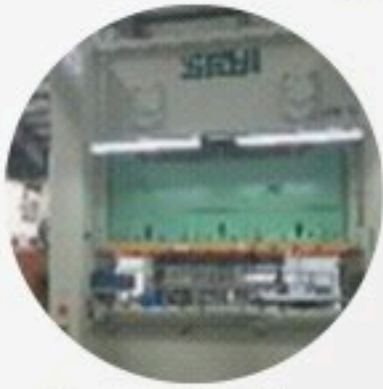
3D CMM



Press Machines



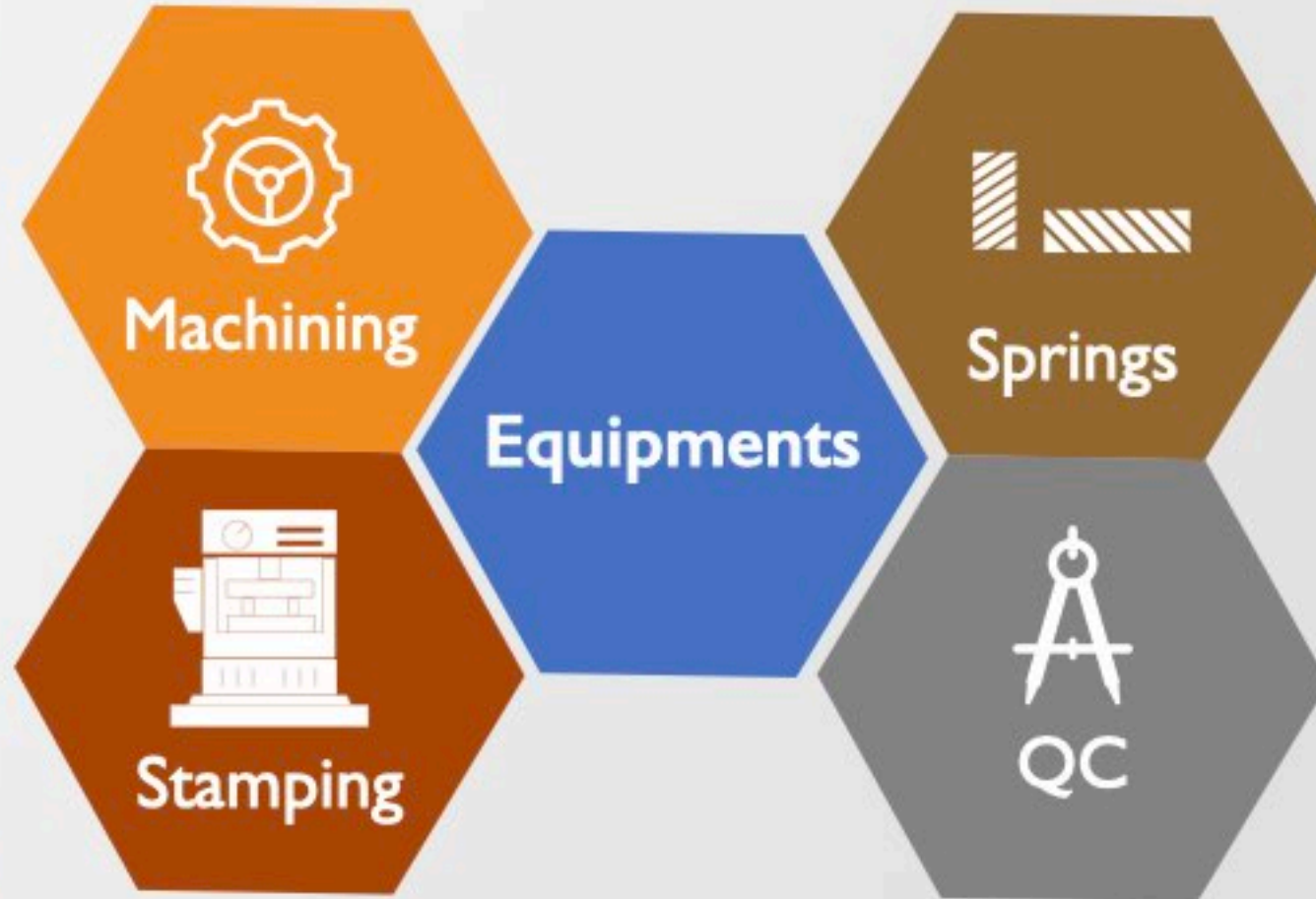
Press Machines



Press Machines



Grinders



Creating Solutions

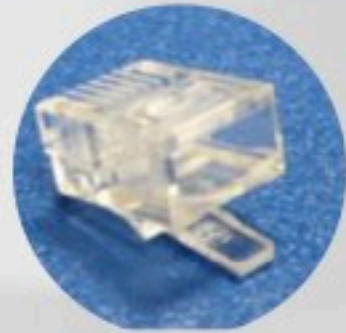


ONE-STOP SOLUTION CASES

One Stop Solution Case I : RJ45 Connectors



Customer's Previous Process



Supplier A

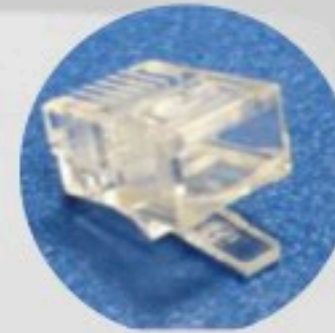


Supplier B



**GS
Supplies**

GS' One Stop Solution



The ONLY supplier: G-SHANK

3 different contacts to coordinate the due dates, QC, and etc.



4 Stops Manual Assembly Line:
4 people needed
6 sec/ pcs

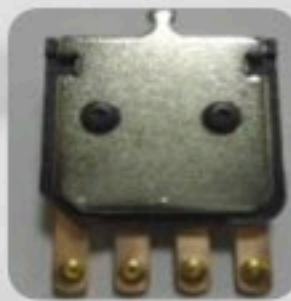


**GS Customized
Automated Assembly
Machine**

Automated Assembly Line:

↓ **75%** manpower (**1** person needed)

↑ **300%** productivity (2 sec/pcs)



Customer's Previous Process



Supplier A



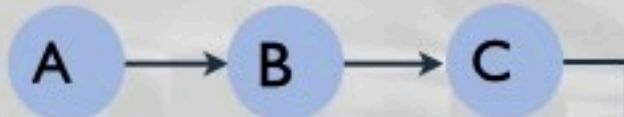
Supplier B



Supplier C

3 different contacts to coordinate the due dates, QC, and etc.

Outsourcing



Manual Assembly Line



3 Outsourcing Stops + 3 Stops Manual Assembly Line:

(Metal Parts Riveting, Silver Contact Riveting, 100% Inspection):

3+ suppliers needed

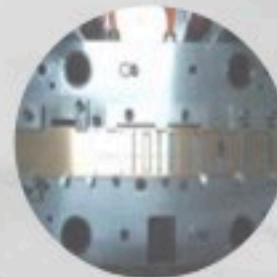
4 people needed

10 sec/ pcs

GS' One Stop Solution



The ONLY supplier: **G-SHANK**



Metal Stamping (SPM 300)



Inert-molding (Hot Runner/ 4 Cavities)



Metal Parts Hot Riveting (GS Customized Auto Riveting Machine)



Silver Contact Riveting (SPM 60)



AOI 100% Auto Inspection

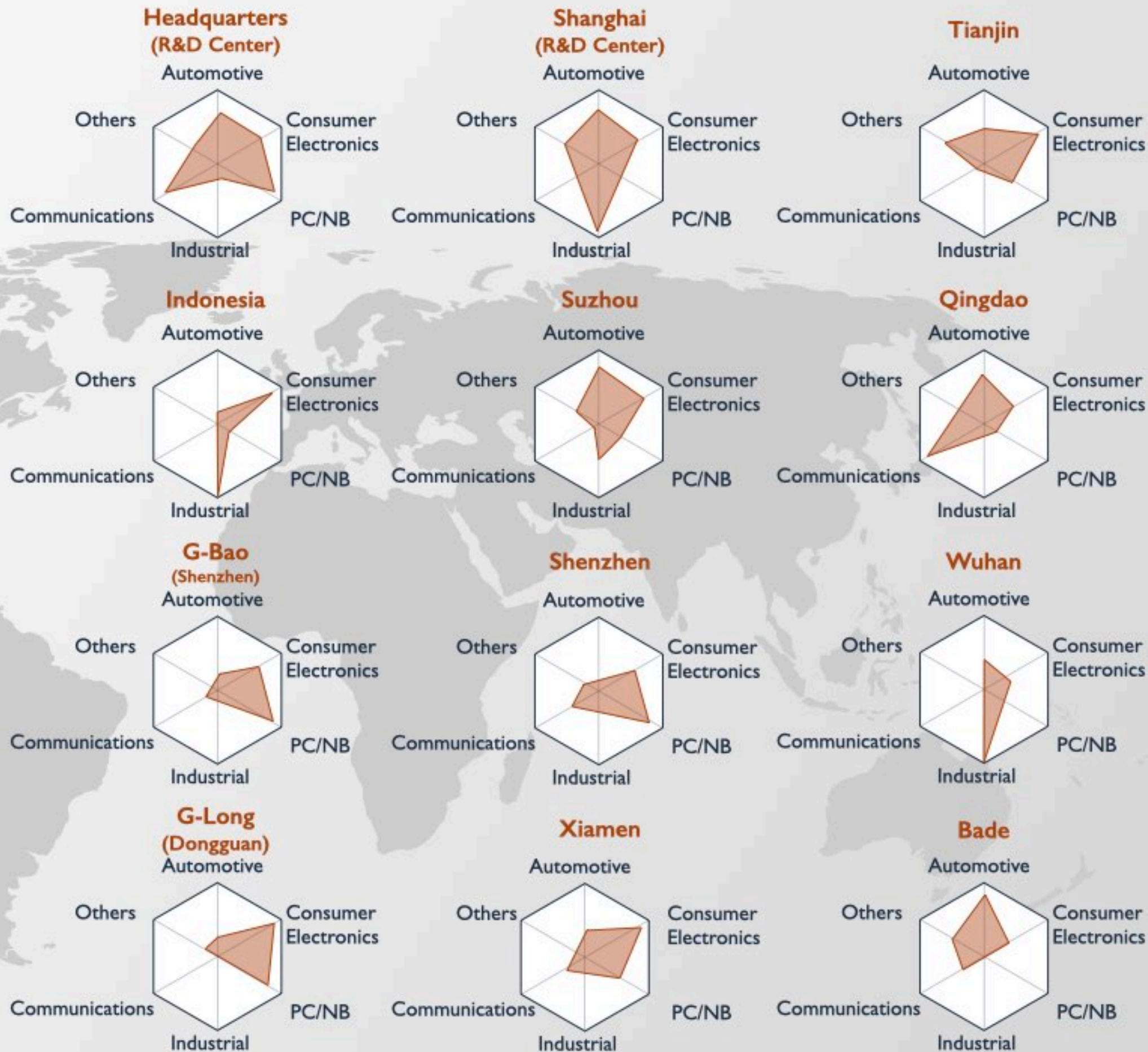
One Stop Solution + Automated Assembly Line:

↓ **25%** manpower (3 people needed)

↑ **330%** productivity (3 sec/pcs)

↓ **20%** plastic material (Hot runner)

Regional Expertise



Quality Assurance



ISO 14001



IATF 16949



ISO 9001



**Sony
Green Partner**



ISO26000

Quality Assurance

Design

- 20,000 Die Design Experience
- Design Database
- 48 Years of Experience

Customer Service

- Complaints acknowledge in 3 days
- Report complaints & solutions to design & production divisions
- 8D Report
- On-going improvement plans
- Visit our clients periodically to cultivate long-term relationship & discuss quality improvement solutions



Production

- Big data monitors product measurements
- XBar-R & CPK
- AOI machine inspection
- Maintain the die periodically through computerized system
- Die Change Point Management System
- Voluntary Inspection, FAI, QC Inspection

Why G-SHANK?



R&D Talents

80+ R&D Engineers

10+ Avg. Length of Service

5 Languages: Chinese/English/
Japanese/Korean/Spanish

3D Design & Database System

3 Industry-University Collaboration
Training Center



Costs

Localized Purchasing
Economies of Scale
TQM
Integrated Services



Quality

49 Years of Experience

3 Quality Certifications
AOI Machine Inspection



Lead Time

90% of Die Parts
Manufactured Internally

17+ Global Locations

1 Stop Solution



Core Values

Integrity: We strive to create an environment builds on trust in which our employees are treated equally and as valued team members.

Commitment: We make it our aim to develop relationships with our customers that create a positive impact on their lives.

Our Vision

G-SHANK is dedicated to precision manufacturing, with the intention of becoming the leading brand of the industry.

✉ wang@g-shank.cn

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G-SHANK

Thank you