

Gudeng Precision Industrial Co. Ltd

家登精密工業股份有限公司



Partner with **H.E.A.R.T.** , Grow with **P.A.S.S.I.ON.**

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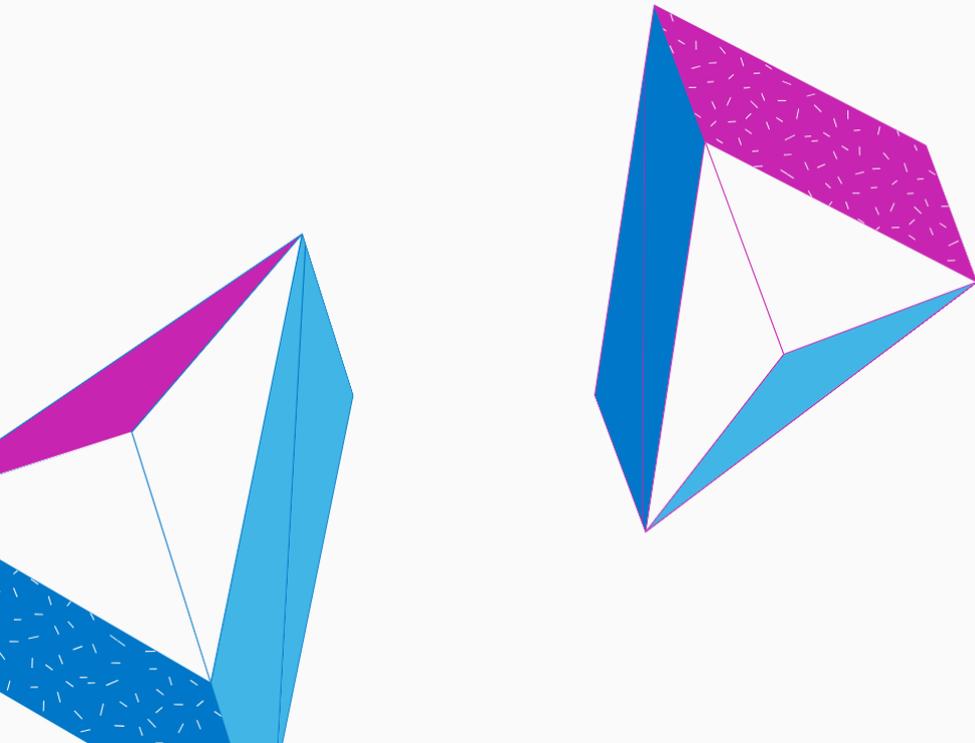
Safe Harbor Notice



This presentation includes forward-looking statements. Forward-looking statements refer to statement that address activities, events or developments that Gudeng Precision expects or anticipates will or may occur in the future (including but not limited to projections, targets, estimates, market share, total addressable market (TAM) and business plans).

Gudeng's forward-looking statements are subject to significant risks and uncertainties and actual results may differ materially from those contained in the forward-looking statements. Gudeng does not undertake any obligation to publicly update any forward-looking statement to reflect events or circumstances after the date on which any such statement is made or to reflect the occurrence of unanticipated events.

Agenda



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Company Profile

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Reticle Handling Solutions

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Wafer Handling Solutions

4

Advanced Packaging
Handling Solutions

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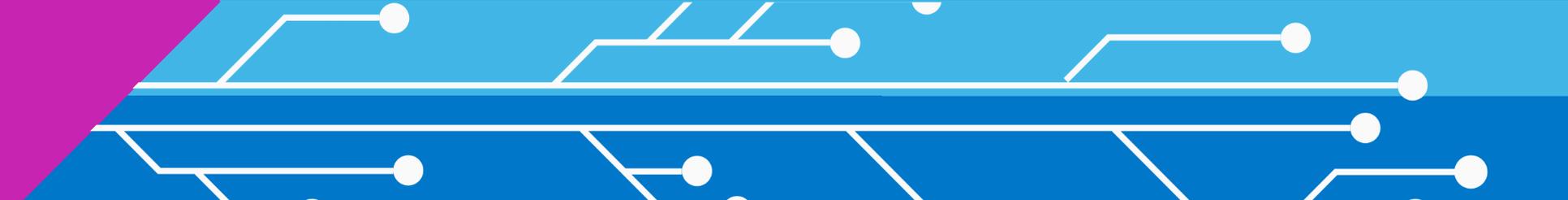
Aerospace Solutions

6

Operational Performance



Company Profile





Gudeng Company Overview



Gudeng Aerospace Inc.

Gudeng Inc./ TSS Holdings

Gudeng Headquarter
WeSolutions

Gudeng Venture Capital
Fuxing Factory

Gudeng
Japan Inc.

**Gudeng
Korea**

Gudeng
Chongqing
Factory

Shanghai

Gudeng
Equipment
Hsinchu

Taipei

Taichung

Suting Precision

Gudeng
Kunshan
Factory

Shanghai Jiaqian

Gudeng Tree Valley Factory

Tainan

Kaohsiang

JYR Aviation Component

▶ Established : Mar. 20th , 1998

▶ Employee : 1300 up

▶ Capital : US\$ **32** million

▶ **2021** Group Revenue : US\$ **104** million

▶ **2022** Group Revenue : US\$ **150** million

▶ **2023** Group Revenue : US\$ **162** million

▶ **2024** Group Revenue : US\$ **206** million

▶ **2025 Jan to Oct** Group Revenue : US\$ **232**million

Semiconductor

- Mask Handling Solutions
- Wafer Handling Solutions
- Advance Packaging Handling Solutions
- Other Service

Aerospace

- Hydraulic Cylinders
- Heat Conduction Tubes
- Dynamic Balancing Motor
- Thermal Conductivity Bead



Greater China:

Shanghai Jiaqian

Kunshan Factory
Chongqing Factory

Asia:

Gudeng Japan Inc.

Kurume Factory

Gudeng Korea

America:

Gudeng Inc.



Gudeng Precision:

- Reticle Handling Solutions
- Wafer Handling Solutions
- Advance Packaging Handling Solutions
- Semiconductor chemicals and consumables
Related Products

Tree Valley Factory
Fuxing Factory
Taichung Factory

Huatan Factory
Longfu Factory

Gudeng Equipment:

- Reticle Carrier Stocker
- Reticle Carrier Cleaner

WeSolutions:

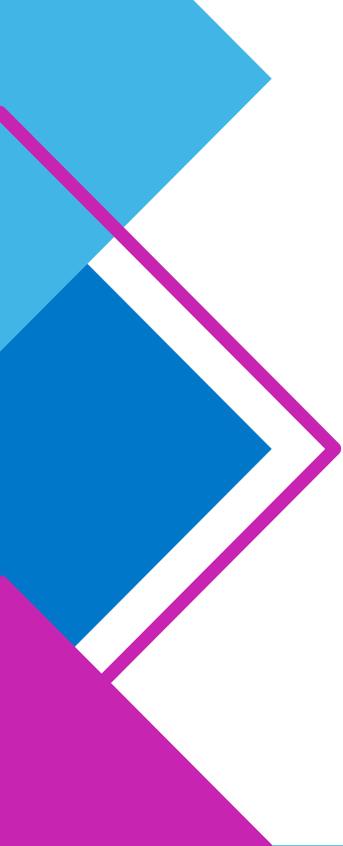
- Cooling tank
- Semicon- Consumables

Suting Precision:

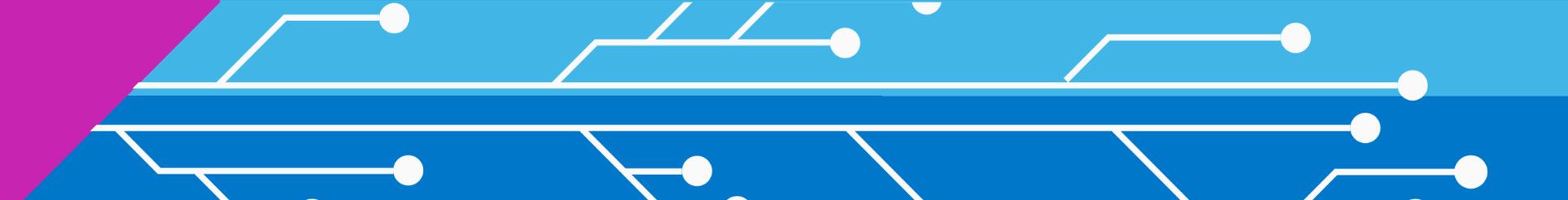
- Advance Packaging
Handling Solutions

Gudeng Aerospace:

- Hydraulic Control System
- Fuel & Coolant Line
- Specialty Process



Reticle Handling Solutions





EUV Pod/Pellicle Oversea Shipping Solution



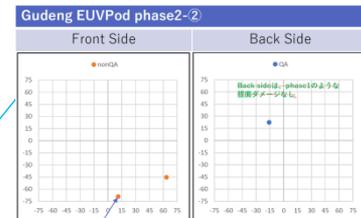
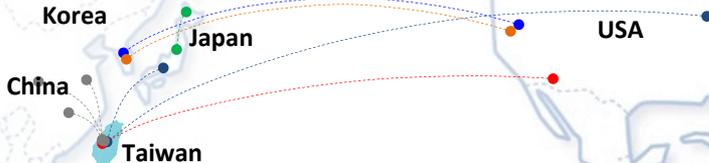
- RH% Humidity Recovery - Superior to competitors
- EUV Pod Mark Suppression - Superior to competitors
- Oversea Shipping Test - Superior to competitors
- Advanced-process pellicle processing Transportation FOUF



EUV Phase1 CIP
EUV Phase2 Pod



EUV Pod Transportation FOUF



EUV Phase1 CIP/Phase2 Shipping Test Result

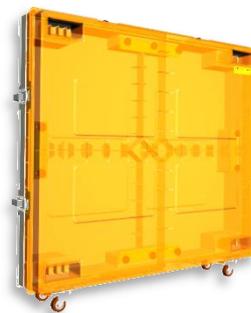
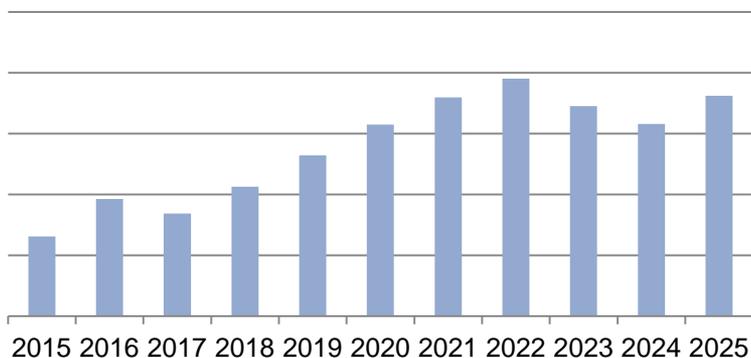
EUV Pod/Pellicle Oversea Shipping





- Reduce 35% weight
- Full-flat design, allowing particle inspection to be performed from outside the box.
- Rib-less interior design reduces water retention during cleaning and shortens the clean cycle time.

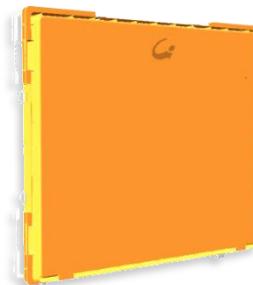
TFT-LCD Carriers



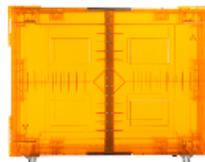
8092 / 80945 / 8096 Reticle Shipping Box



8512 Reticle Shipping Box



8092 Blank Reticle Shipping Box



8512 Reticle Shipping Box (Assembly-type)



8514 Reticle Shipping Box (Assembly-type)



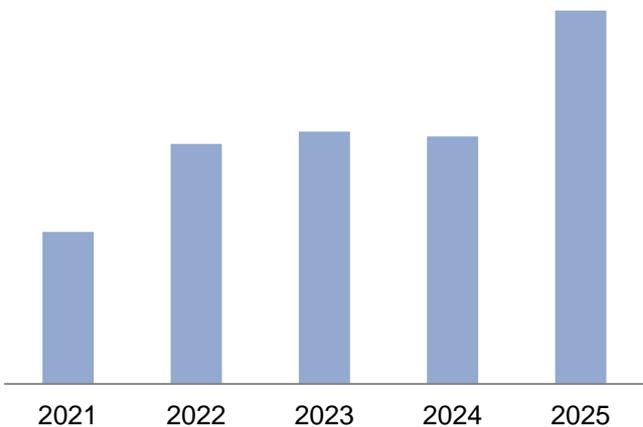
8092 Blank Reticle Shipping Box



8092 Blank Reticle Shipping Box

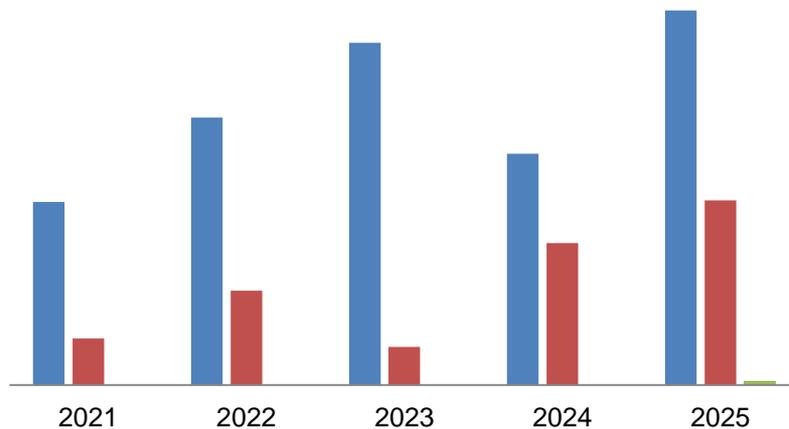


EUV Pod



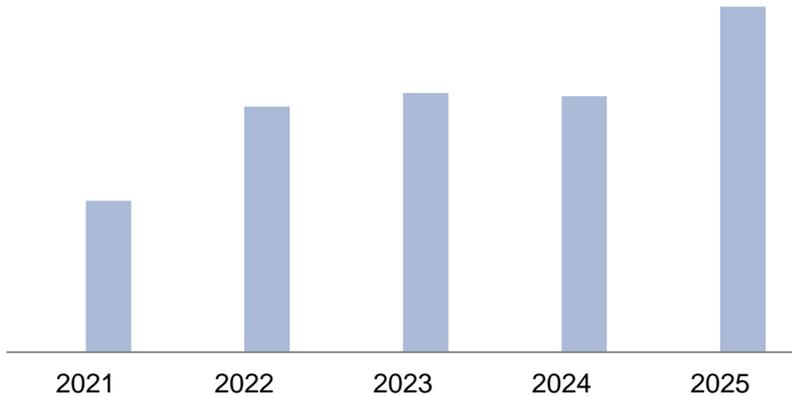
EUV G/GP

■ G ■ GP ■ Phase 2_G

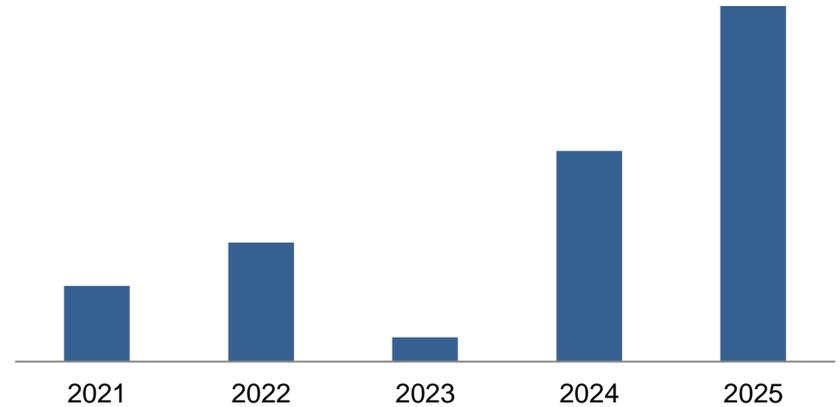




Taiwan EUV Pod

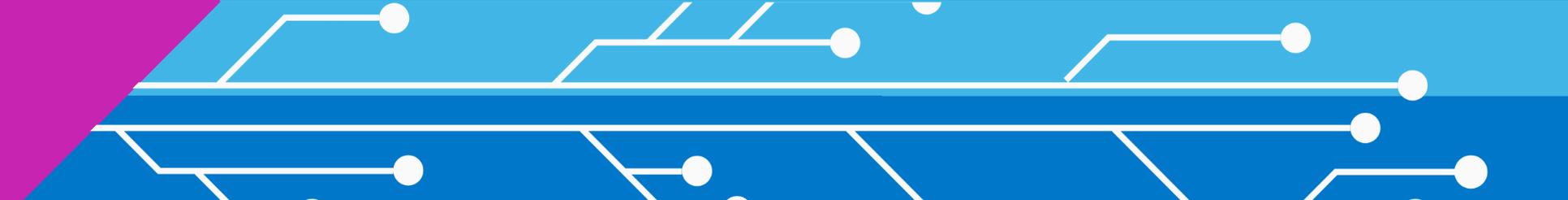


Overseas EUV Pod





Wafer Handling Solutions



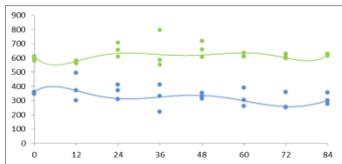


Key Factor for Gudeng Advanced FOUNDRY

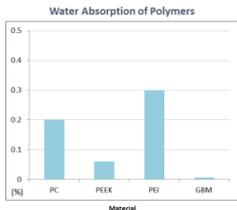


Gudeng

Material Property

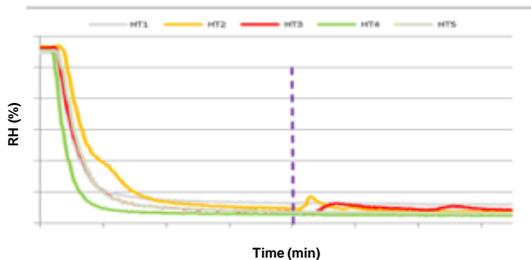


- Other New Barrier Diffuser FOUNDRY
- NEW GBM Diffuser FOUNDRY



- GBM with Less Outgas and Water Absorb

Humidity Performance

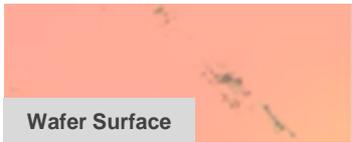


- Designed Flow field for purge and wafer loading

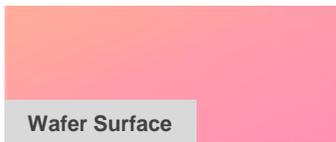


Particle Mitigation Design

As was



To be



- Support improved

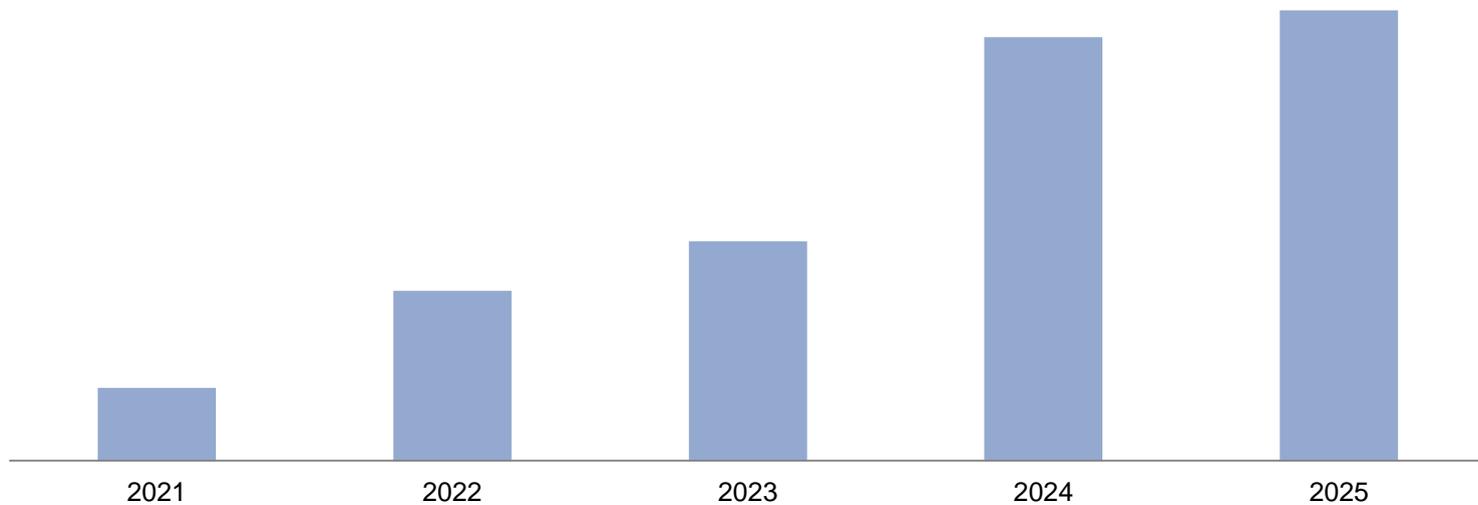
Reliable Quality



- Align metrology tool with Customer → No variable difference
- Inspection data analyzed by SPC system and create CoA



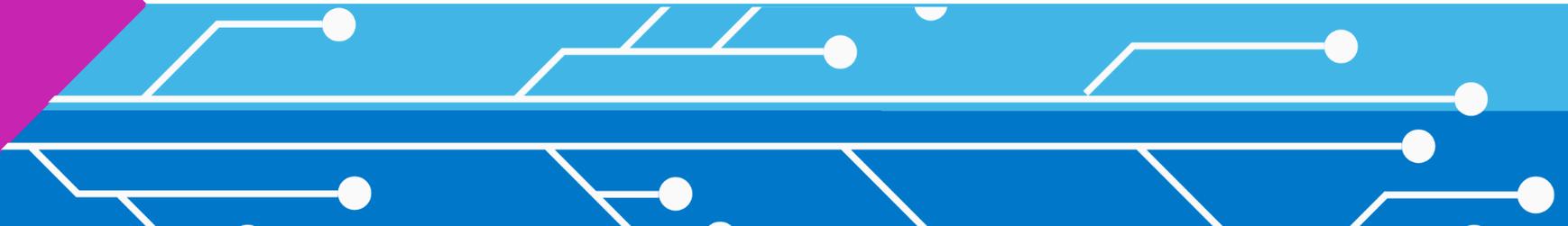
FOUP



Gudeng



Advanced Packaging Handling Solutions





Advance Packaging Total Solution



Chip on Wafer
Chip on Panel

Silicon Interposer



Frame FOU
Taiwan/ US/ Korea



Diffuser FOU
P30 FOU
Taiwan



Chip on Panel FOU
Chip on Panel FOS
Taiwan/ US

on Substrate

ABF / CCL



Panel FOU
• 5XX*6XX
Korea



Panel FOU
• 510*510
• 510*515
Taiwan

FoPLP

Glass Interposer



Quarter Panel FOU
• 310*310
• 300*300
• 243*241
• 240*241
• 247*246
• 247*163
Taiwan
China
US

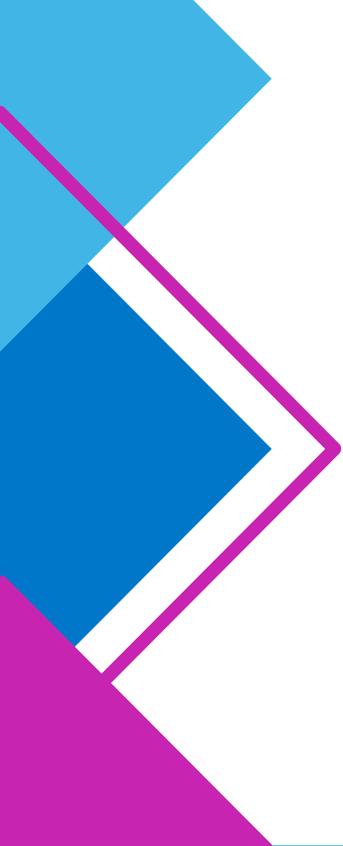


Panel FOU
• 510*515
• Large Tray
Korea/ Japan
China/ US

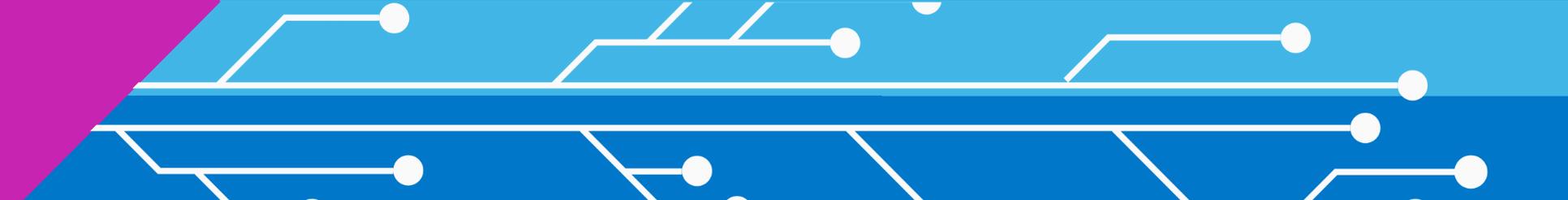
Advanced Packaging Carriers



Collaborating with Suting Precision



Aerospace Solutions



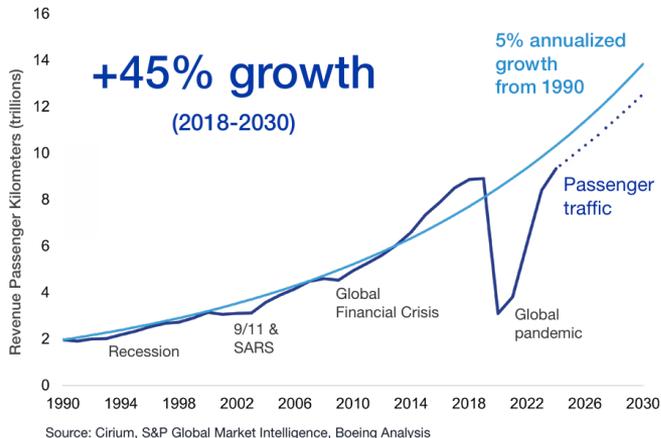


Aerospace Market and Revenue Performance

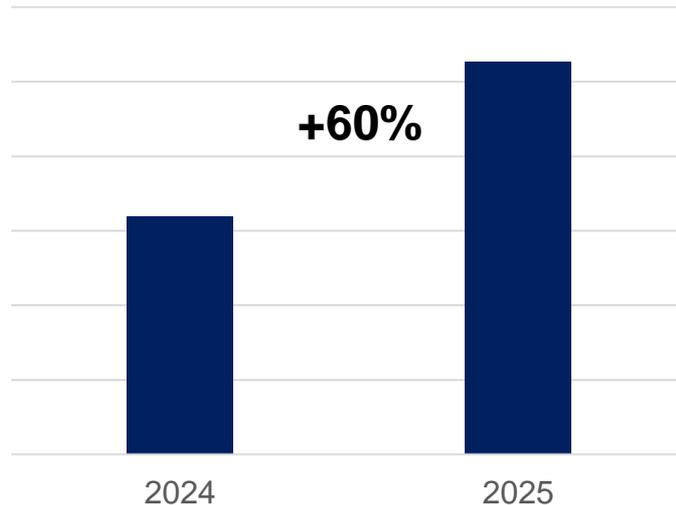


Gudeng

Aviation's resilience is proven; this is a growth industry



Strong rebound after COVID-19



Gudeng Aerospace Revenue



Major Customers & Products



Gudeng



Manufacturing **Conducting Tubes, Check Valves, Fasteners**, as well as Machining parts, supporting the assemble of engines for GE



Providing different metal materials of **Conducting Tubes**, with in-house Chemical Processes, and Special Welding

Origin

High Barriers to Entry
High Gross Margin
Precision Machining



Not only **Sheet Metals parts, Machining parts, and Tube Connectors**, but also providing **Plastic Injection**



Expert in 3 ~ 5axis of milling and turning · manufacturing hydraulic components, such as **Cylinders, Differentials, Shafts, Piston and Rods**



Flight Control

Avionics precision CNC components used in flight control systems, applied in actuators, servo valves, and attitude control modules.



Engines

Various engine hardware components used in different types of aircraft engines.



Hydraulic Control

Valve bodies, cylinders, pistons, and reservoirs used in aircraft hydraulic control



Fuel

High-pressure, high-temperature-resistant hose assemblies for external fuel transfer and air-duct modules



Fastening

Aerospace-grade high-strength fasteners used in various engine and structural assemblies.

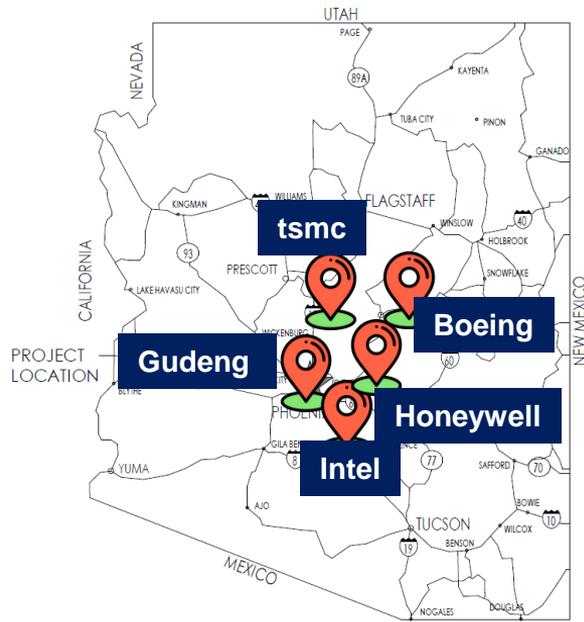




Why U.S.

- Reduce geopolitical risks
- Strengthen cooperation with major customers
- Localize supply chain
- Develop sustainable business

Phoenix, Arizona





2026 Aerospace Outlook



**Expand the
Application of
Special Processes**



**Mitigate
Geopolitical Risks**



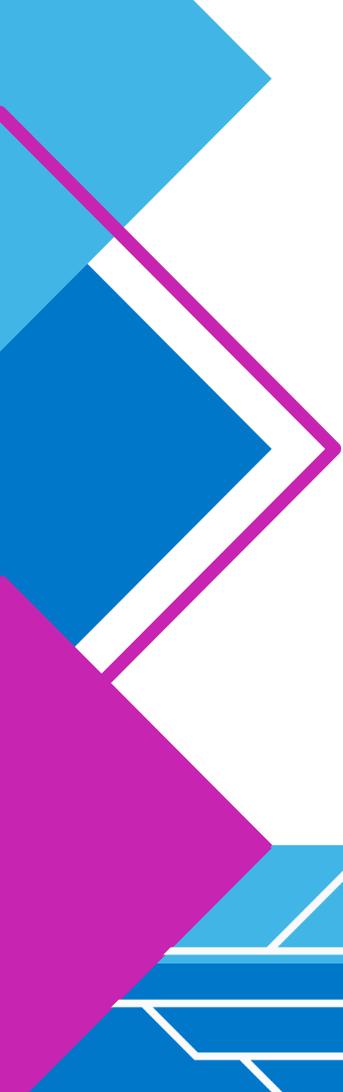
**Enhance
Product
Sophistication**



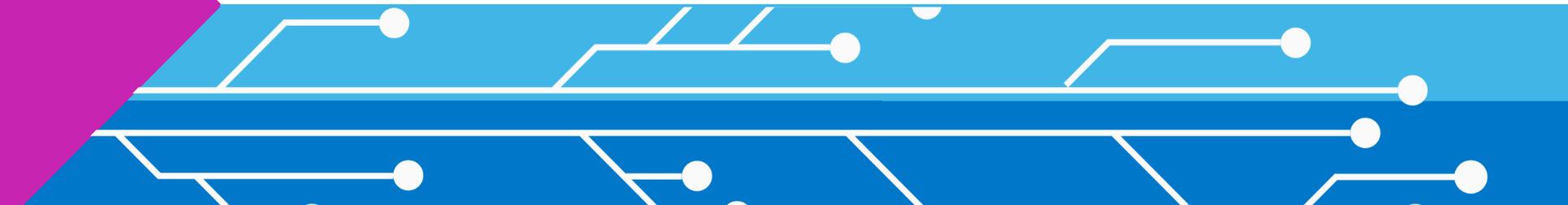
**Enter
Emerging Industries**



Leading Technology | Global Resilience | Value Enhancement | Market Expansion



Operational Performance





Income Statement YOY



	2025 ~Q4		2024 ~Q4	
Revenue	229,601,313	100%	204,524,875	100%
Cost	133,454,031	58%	114,183,125	56%
Gross Profit	96,147,281	42%	90,341,750	44%
Expense	61,903,938	27%	53,060,563	26%
Net Operating Income	34,243,344	15%	37,281,188	18%
Non-operating revenue and expenses	4,112,625	2%	11,585,781	6%
Income Before Tax	38,355,969	17%	48,866,969	24%
Net Income	31,200,594	14%	39,911,281	20%
EPS	9.43 (NTD)		12.32 (NTD)	

USD

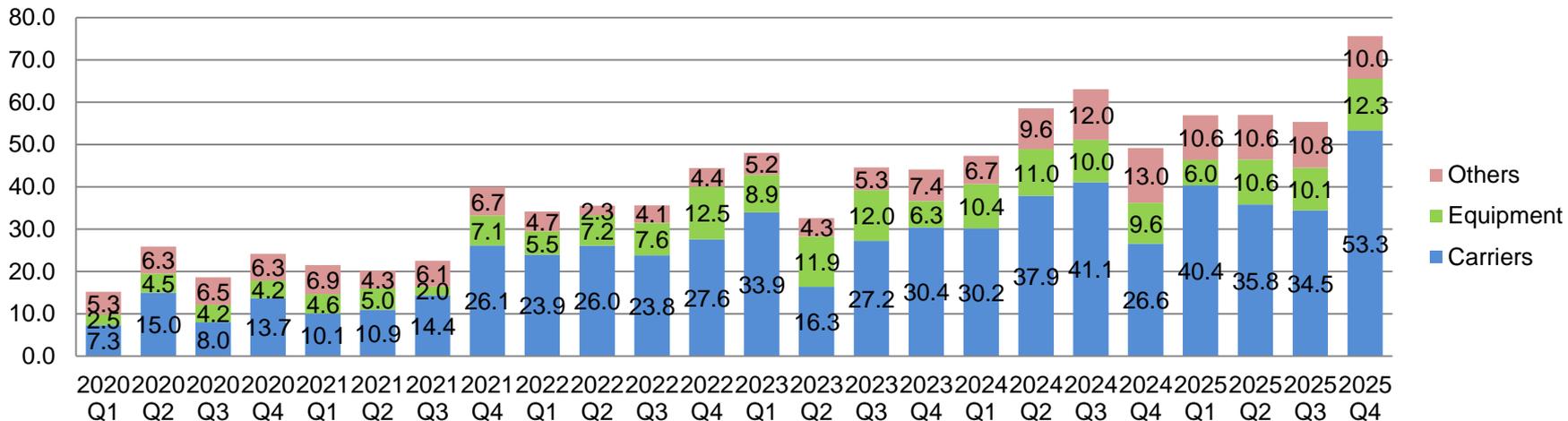


Gudeng Group Revenue (Quarterly)



Gudeng

Consolidated Revenue



US million dollars

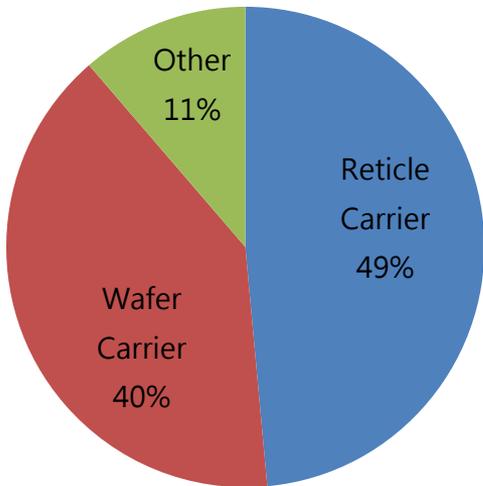


Gudeng Revenue (Quarterly)

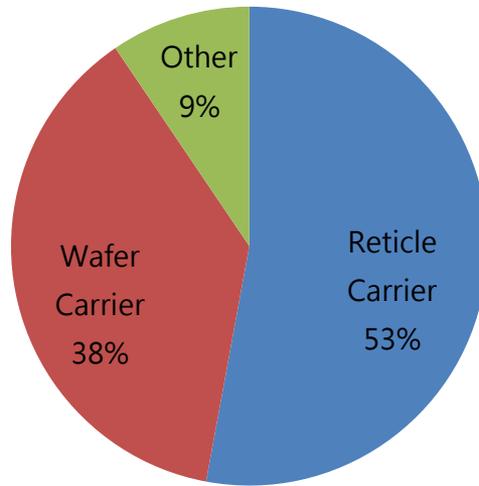


Gudeng

2024 Q3



2025

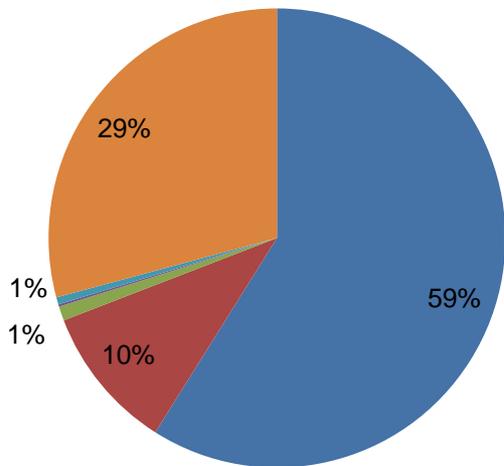




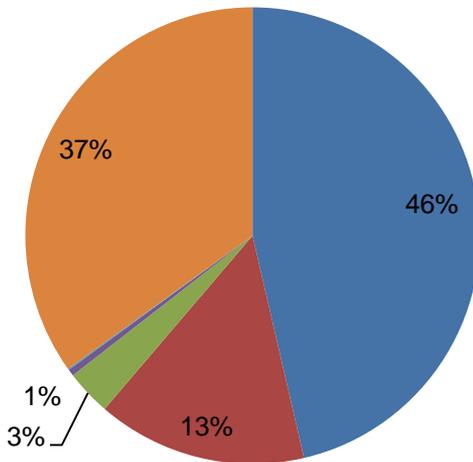
Gudeng Revenue Regional Distribution



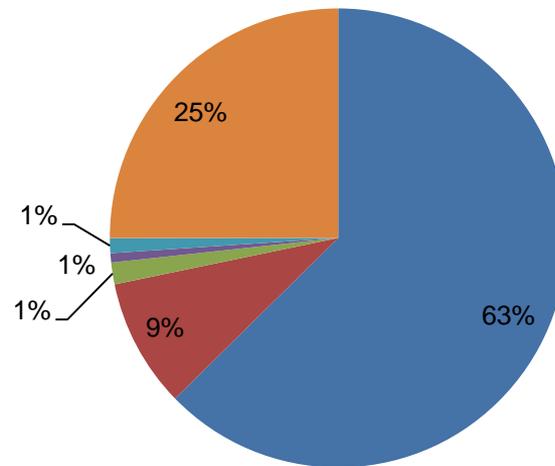
2023



2024



2025



■ Taiwan ■ US ■ Asia ■ Other ■ Europe ■ China

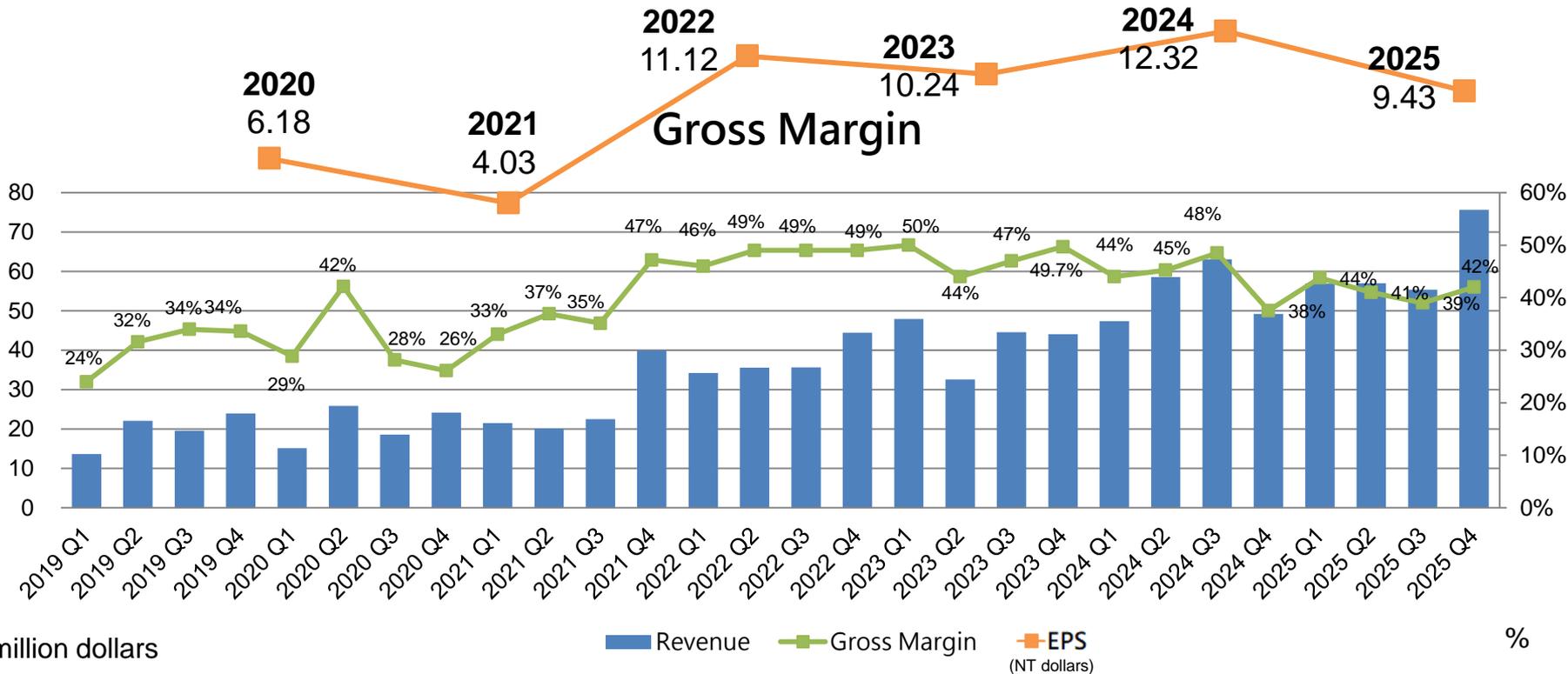
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Gudeng Gross Margin (Quarterly)



Gudeng





Gudeng Sustainability Performance



ENVIRONMENTAL

2024 Reduce **45%** of Carbon Emissions
 2024 Reduce **67%** of Water Usage
 2024 Reduce **25%** of Industrial Waste

- **ISCC PLUS**
- ISO 50001
- CDP: Climate Change B
- CDP: Water Security A-
- CDP: SEA A-



SOCIAL

2024 Average Salary **19** months
 2024 Offered **270** high-quality job opportunities
 2024 Average Employee Benefits **NT\$ 796,000**

Participating **20** social welfare initiatives,
 generating benefits valued at **NT\$ 6.46 million.**



- Taiwan FINI 100
- TCSA Sustainability Report Award
- TCSA Sustainable Comprehensive Performance Award
- CSR Excellence Awards

GOVERNANCE

2025 Group Revenue **NT\$ 7.3 billion**
 2025 EPS **9.43** (NT dollars)
 2024 Corporate Governance Evaluation **6-20%**

- Customer Satisfaction Survey **95** points
- **ISO 20400** Sustainable procurement - Guidance
- RBA – Silver Certification
- TTQS – Silver Certification
- TIPS –Level A

ESG Report





Thank You
www.gudeng.com