

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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Lynn.Chu@gudeng.com



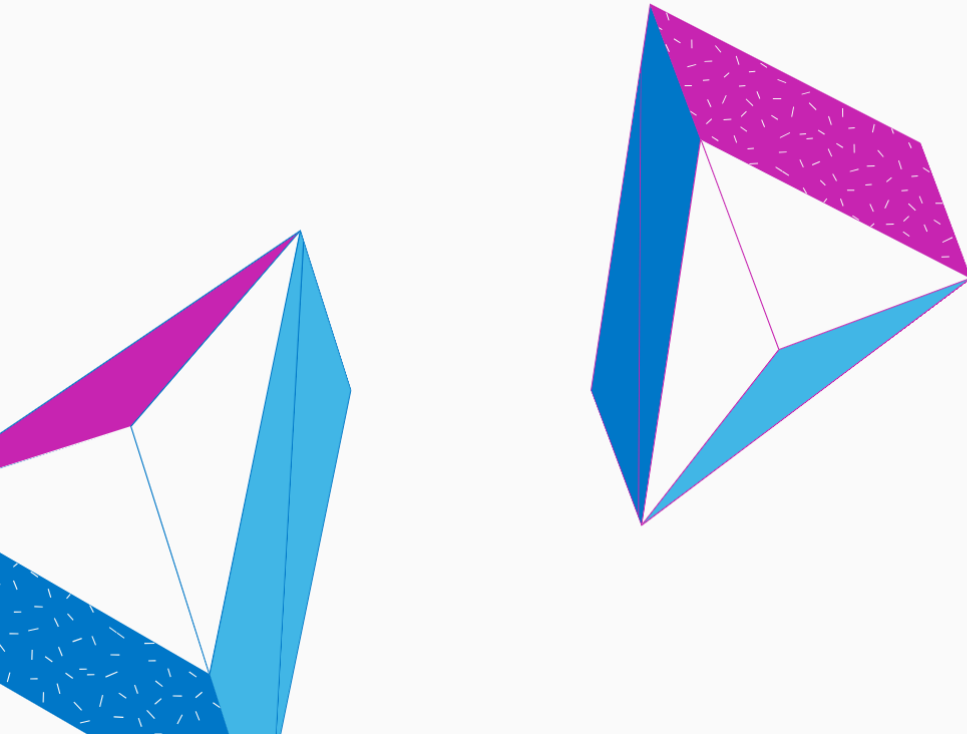
Safe Harbor Notice



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

2

Product Strategy

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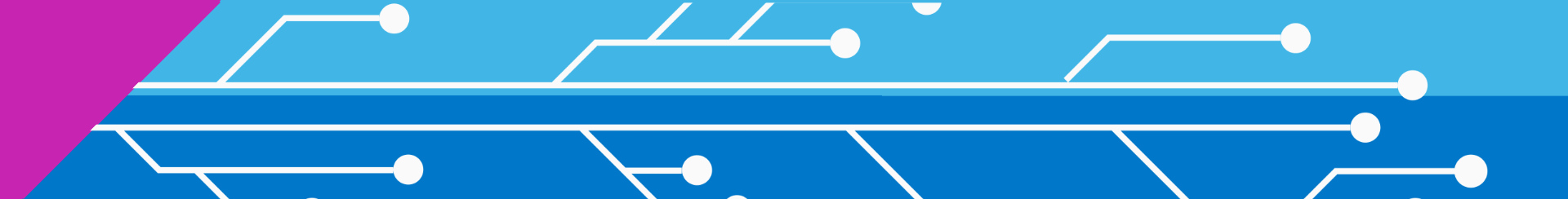
Operational Performance

4

Operational Prospect



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\$ **218** million

► **2025 Jan to Oct** Group Revenue : US\$ **191**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:

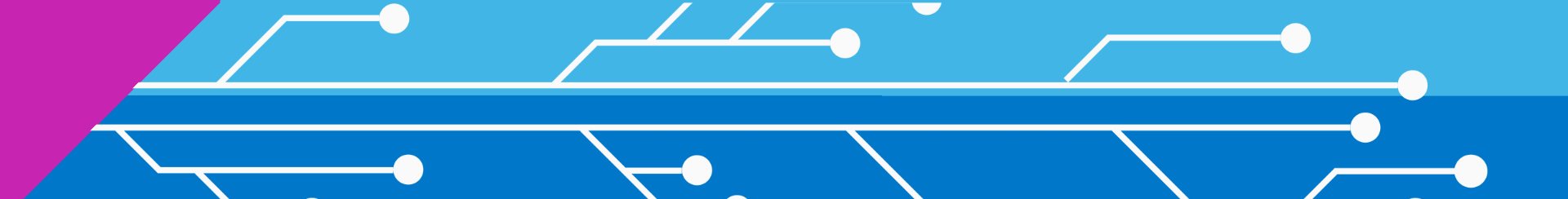
- Advance Packaging
Handling Solutions

Gudeng Aerospace:

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



Product Strategy





Semiconductor Production Process

Mask shop

Reticle Box

Multi Layer Reticle Box

Foundry-Mature

8 inch Wafer Box

RSP 150

FOUP/ FOSB

- 8 inch FAB
- 12 inch Mature FAB

Foundry-Advance

EUV POD

Diffuser FOUP

- 12 inch Advance FAB
- EUV Process

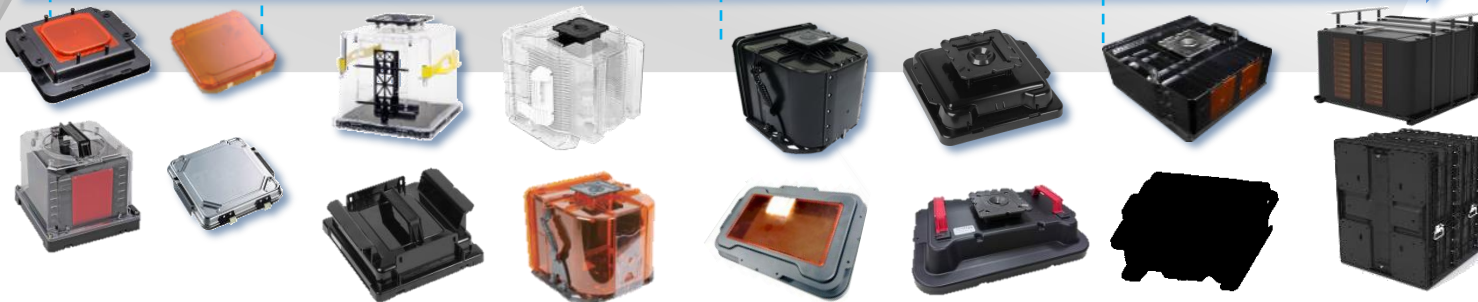
Advance Packing

Wafer Level

Panel Level

- Chip on Wafer
- Chip on Panel

- AI
- Aerospace
- Communication
- Automotive
- Consumer Electronics
- National Defense
- PC/NB





High-NA EUV Pod



Gudeng Phase II Pod Qualification

Test	Test Description/ specification	Phase II Pod	
Defectivity Shipping	Reticle FS QA → ≤ 1 adder ≥ 92 nm	1 F-S QA adder	●
	Reticle FS non QA → ≤ 1 adder ≥ 100 nm	1 F-S nQA adders	●
	Reticle BS → ≤ 22 adders ≥ 1000 nm	0 B-S adders	
	Reticle vertical sides @ 8 corners aligned with EIP pins → no visible damage	No visible damage	
Functionality	Load Port → No errors due to EUV pod	No errors	●
	RBI Functionality → No RBI defects due to pod reflections	No RBI defects	●
	Full Cycle → No errors due to EUV pod	No functionality error found	●
Defectivity 100X PRP	Reticle FS QA → 0 adders due to pod	0 adders in QA due to pod	●
	EIP contact points → 0 adders ≥ 25 μ m LSE and no damage to reticle coating	0 contact pt adders No visible damage	
Defectivity RH cycle (2500)	Reticle FS QA → ≤ 1 adder ≥ 92 nm LSE Reticle FS nQA → ≤ 50 adder ≥ 100 nm LSE Reticle BS → ≤ 50 adder ≥ 1000 nm LSE EIP contact pts 0 adder ≥ 25 μ m LSE No damage to reticle coating	Skipped (PRDM will be re-defined)	

● Pass

● In Progress

● Failed

ASML

Page 2
Confidential

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EUV POD Phase II Shipping Test Result



- The customer conducted a comparison of land and air shipping between Phase1 and Phase2.



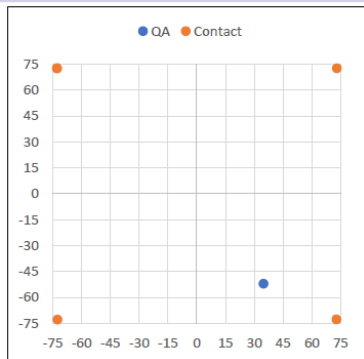
Under the condition of a vibration level of 25G

最大Gの平均	
X軸	14.1
Y軸	11.3
Z軸	18.9
合力	24.6

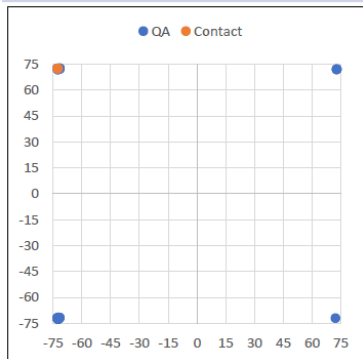
EUV pod Phase1

EUV pod Phase2

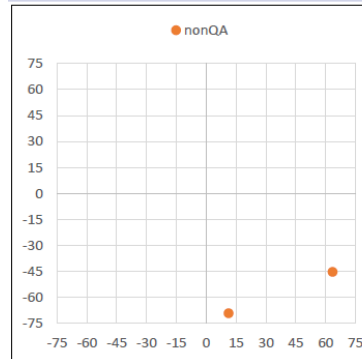
Front Side



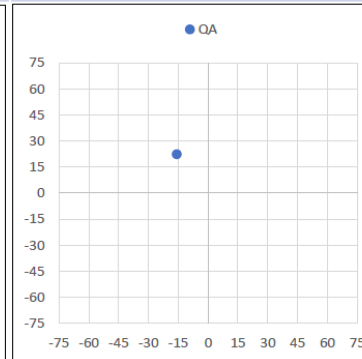
Back Side



Front Side



Back Side





EUV Pod/Pellicle Oversea Shipping Solution



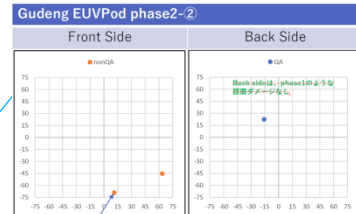
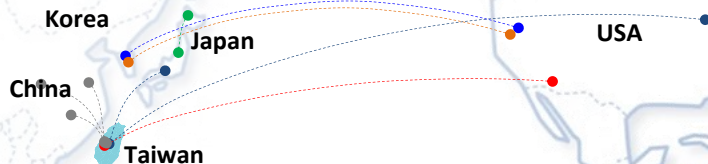
- RH% Humidity Recovery - Superior to competitors
- EUV Pod Mark Suppression - Superior to competitors
- Oversea Shipping Test - Superior to competitors
- Advanced-process pellicle processingTransportation FOUP



EUV Phase1 CIP
EUV Phase2 Pod



EUV Pod Transportation FOUP

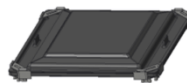


EUV Phase1 CIP/Phase2Shipping Test Result

EUV Pod/Pellicle Oversea Shipping



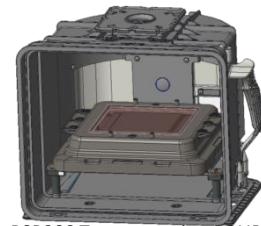
Pellicle Frame



Pellicle case



RSP200



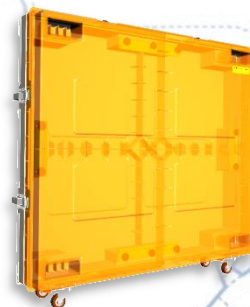
RSP200 Transportation FOUP



Reticle Carriers in Greater China Market



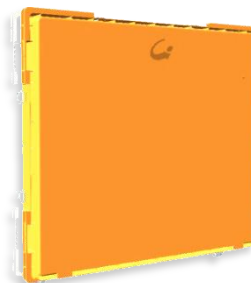
- Reduce 35% weight
- Full-flat design, allowing particle inspection to be performed from outside the box.
- Rib-less interior design reduces water retention during cleaning and shortens the clean cycle time.



8092 / 80945 / 8096
Reticle Shipping Box

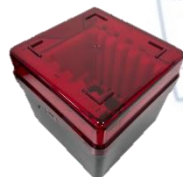


8512
Reticle Shipping Box



8092 Blank
Reticle Shipping Box

Blank/Reticle



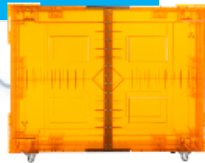
6025 Blank
(PC)



6025 Blank
(ABS)



6025 Blank
(ABS)



8512 Reticle Shipping Box
(Assembly-type)



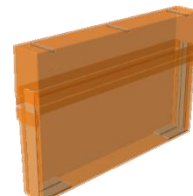
8514 Reticle Shipping Box
(Assembly-type)



8092 Blank
Reticle Shipping Box



8092 Blank
Reticle Shipping Box



5280 Blank
Reticle Shipping Box



RSP/EUV612 Development



2022.07



SEMICON WEST discussed the **300 mm Round Mask Potential**

2023.07



ASML Share EXE5200 6x12" EUV scanner feasibility concept

2023.10



Start 6x12" EUV Pod 3D design

2024.03



6x12" LPOD design apply **new design patent**

2024.04



2024 PMJ publish 6x12" EUV LPOD design concept & **1st prototype**

2024.06



Gudeng is invited to start discussion the **new SEMI Standard** for 6x12" EUV Reticle carrier

2024.08



SEMI "6x12 inch" Reticle Carrier and Load Port **Task Force Approval**

2024.09



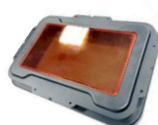
Start RSP612 3D design

2025.03



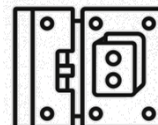
SEMI "6x12 inch" Reticle Carrier **key technical decisions confirm**

2025.09



Publish the **1st RSP612 Prototype**

2025.10



Start RSP612 **mold development**

2025.12



RSP612 molding

2026.02



Molding product for potential customer



Advance Packaging Total Solution

Chip on Wafer
Chip on Panel

Silicon Interposer



Frame FOUW



Diffuser FOUW
P300 FOUW



Chip on Panel
FOUW

on Substrate

ABF / CCL



Panel FOUW

- 511*611



Panel FOUW

- 510*510
- 510*515

FoPLP

Glass Interposer



Quarter Panel FOUW

- 310*310
- 300*300
- 243*241
- 240*241
- 247*246
- 247*163



Panel FOUW

- 510*515
- Large Tray



TOSB

- 510*515
- 408*512



Panel FOUW

- 600*600

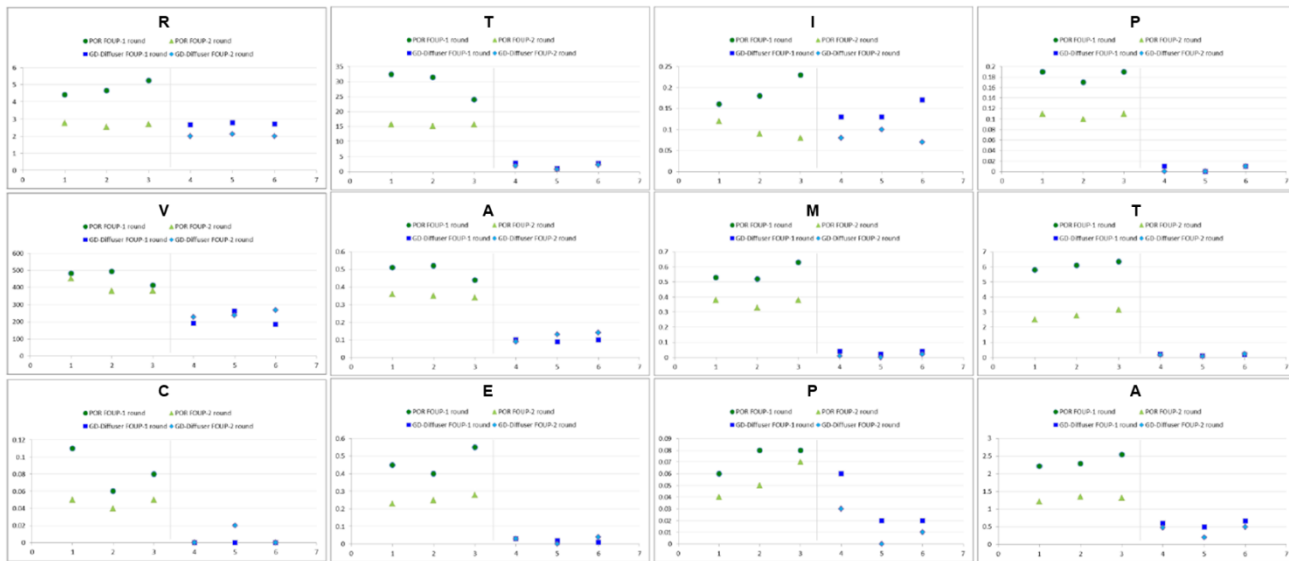
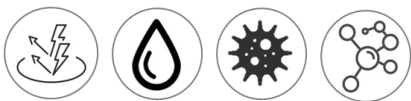


Gudeng Wafer Carrier Key Point



■ Gudeng
■ Competitor

✓ FOUNC AMC Best Quality

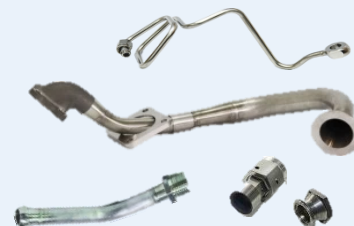




Major Customers & Products



Manufacturing **Conducting Tubes, Check Valves, Fasteners**, as well as Machining parts, supporting the assembly 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**



Gudeng Aerospace Products



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 systems.



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.





2026 Aerospace Outlook



**Expand the
Application of
Special Processes**



**Mitigate
Geopolitical Risks**



**Enhance
Product
Sophistication**



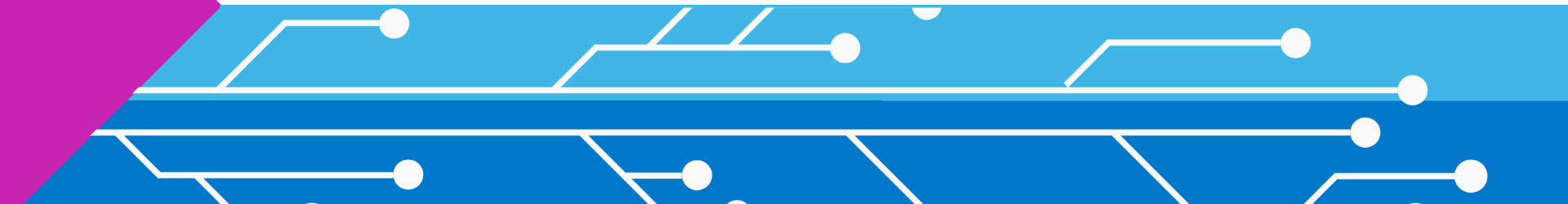
**Enter
Emerging Industries**



Leading Technology | Global Resilience | Value Enhancement | Market Expansion



Operational Performance





Income Statement YOY

	2025 ~Q3		2024 ~Q3	
Revenue	169,306,133	100%	169,015,533	100%
Cost	99,466,600	59%	91,134,833	54%
Gross Profit	69,839,533	41%	77,880,700	46%
Expense	46,522,333	27%	41,567,700	25%
Net Operating Income	23,317,200	14%	36,313,000	21%
Non-operating revenue and expenses	(3,478,267)	(2)%	5,538,300	3%
Income Before Tax	19,838,933	12%	41,851,300	25%
Net Income	15,400,400	9%	32,729,667	19%
EPS	4.20 (NTD)		9.64 (NTD)	

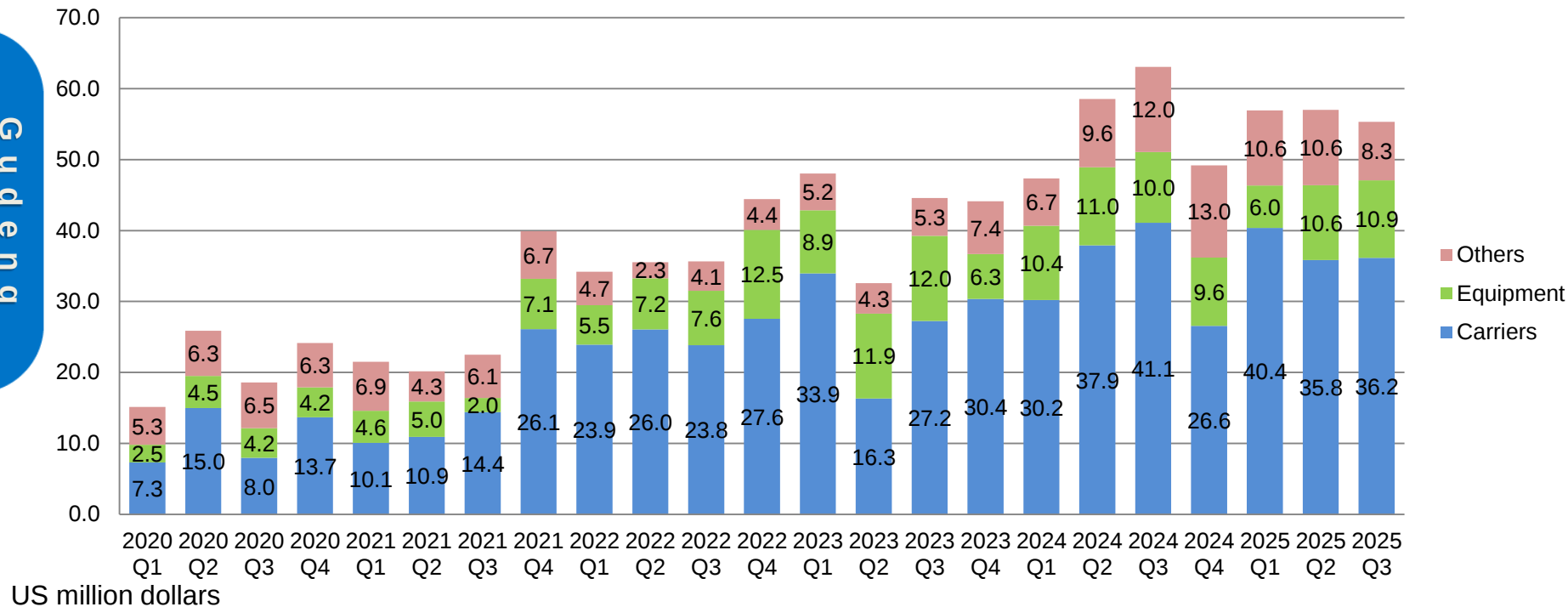
USD



Gudeng Group Revenue (Quarterly)



Consolidated Revenue

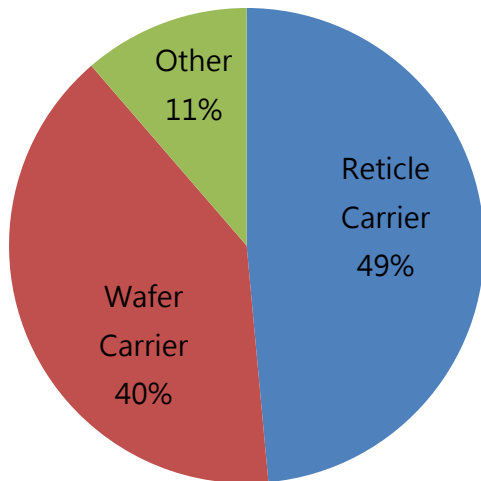




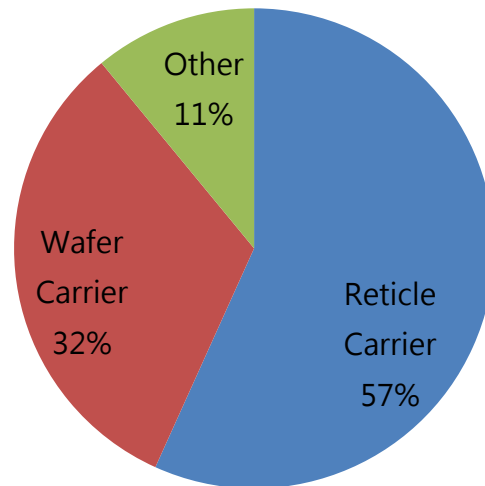
Gudeng Revenue (Quarterly)



2024 Q3



2025 Q3

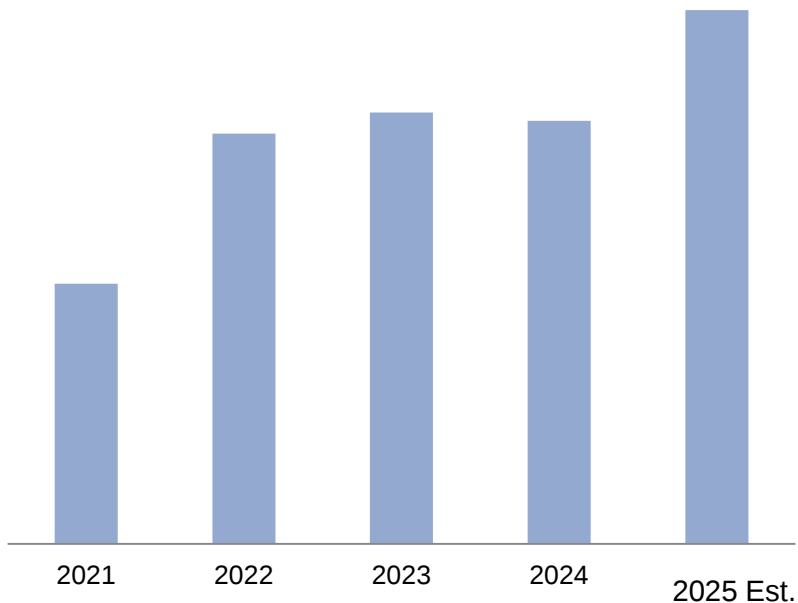




Gudeng Performance _EUV Pod

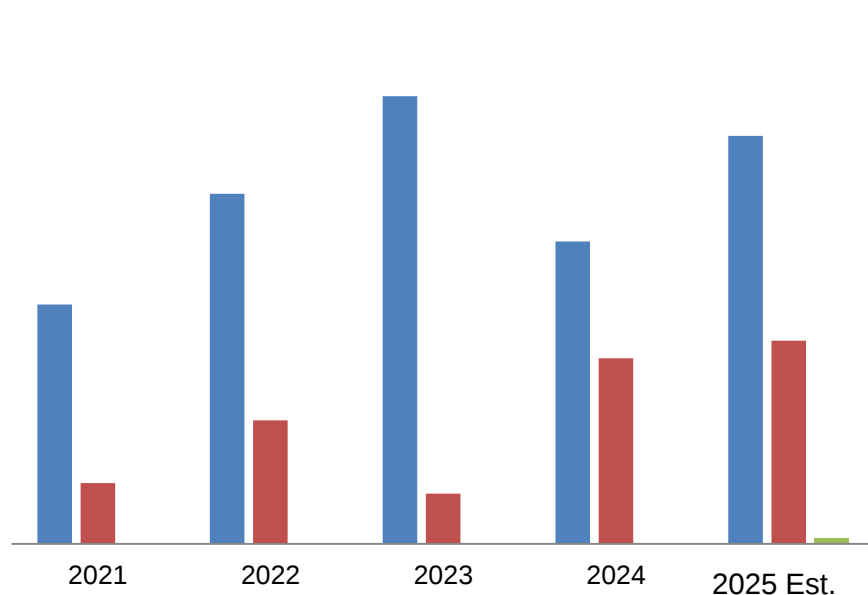


EUV Pod



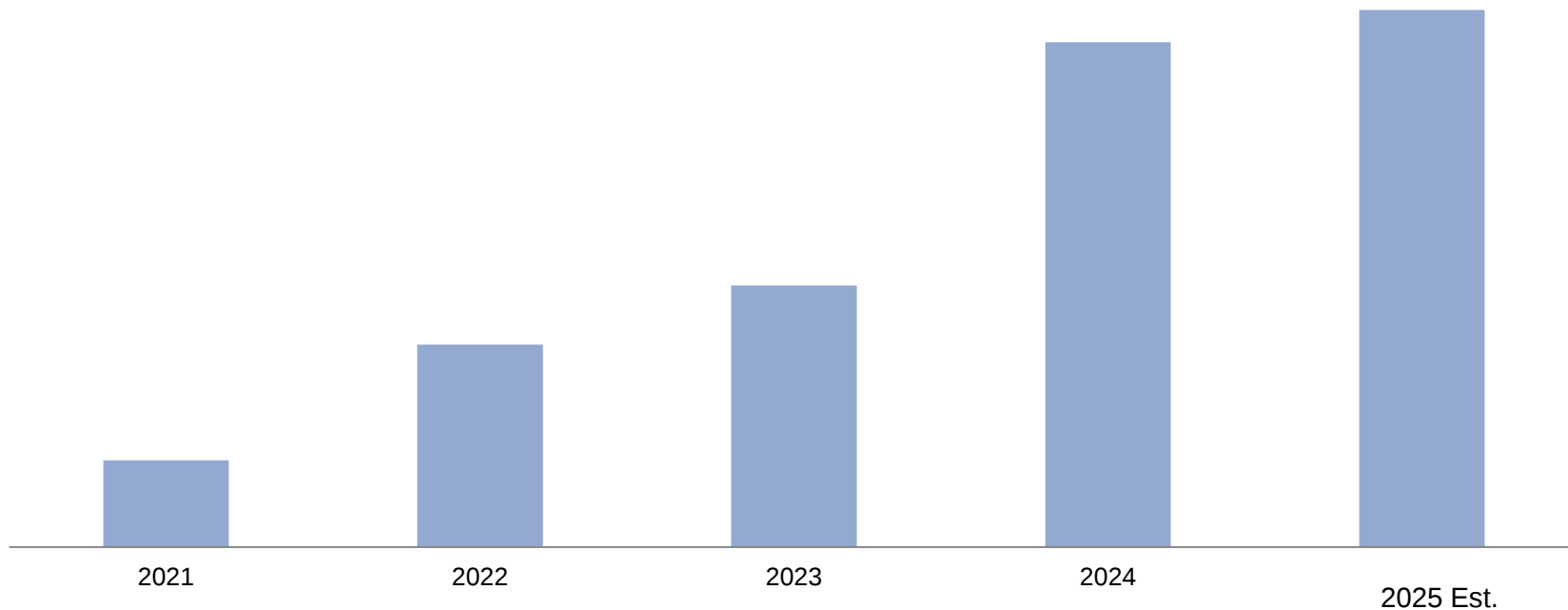
EUV G/GP

■ G ■ GP ■ Phase 2_G





FOUP

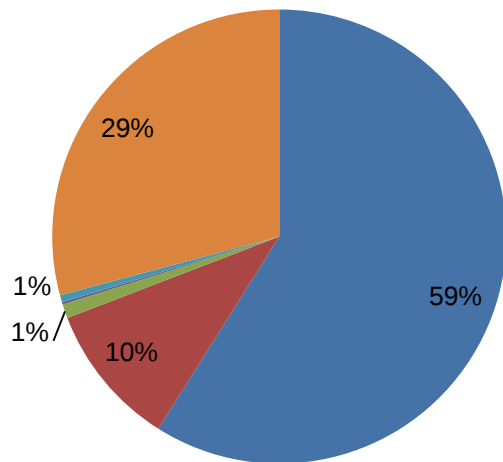




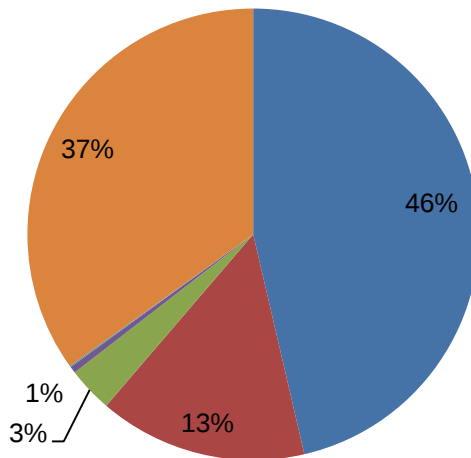
Gudeng Revenue Regional Distribution



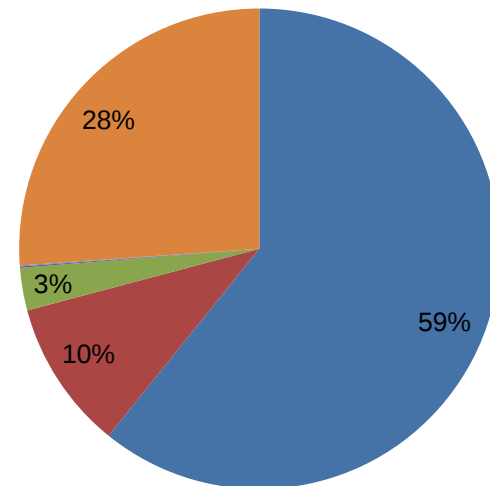
2023



2024



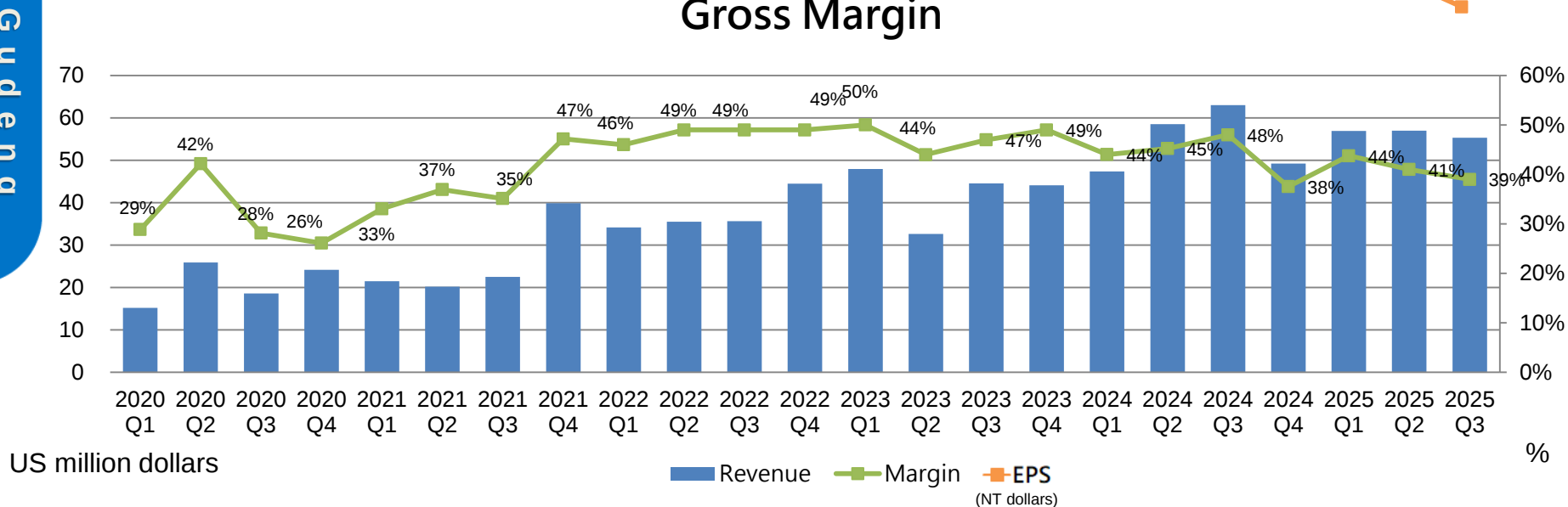
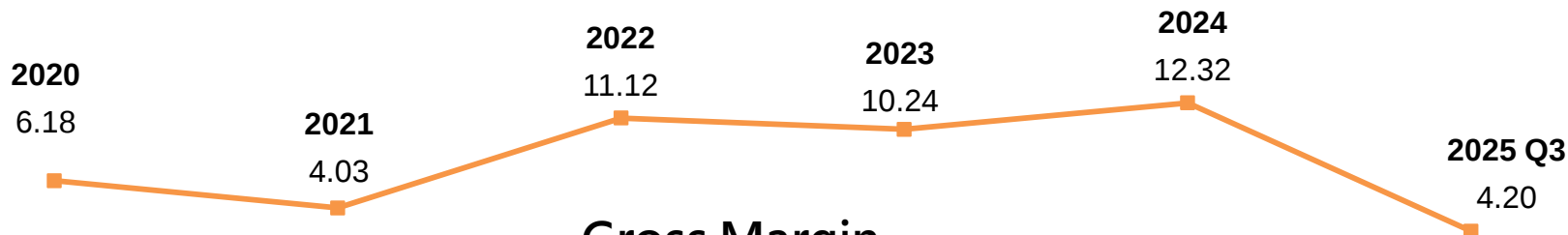
2025 Jan~Oct



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

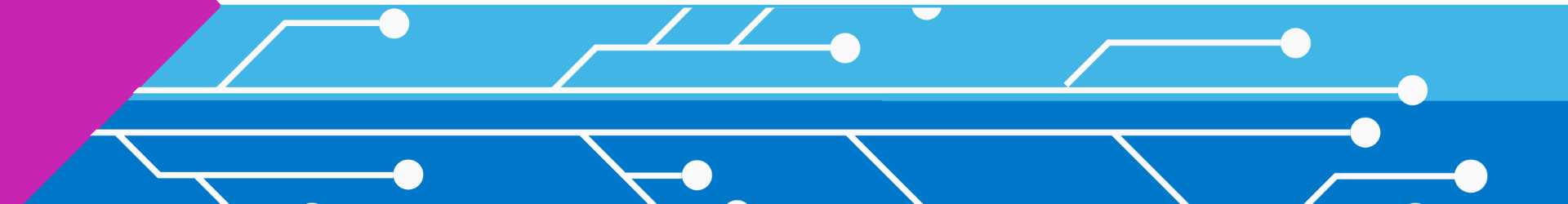


Gudeng Gross Margin (Quarterly)





Operational Prospect





Gudeng Sustainability Performance



2024 Reduce
45% of Carbon
Emissions

2024 Reduce
67% of Water Usage

2024 Reduce
25% of Industrial Waste



Homemade **Eco-Friendly Pallets**
Transport Cases

Salary Increase Rate **7~9%**
better than industry



Offered **270** high-quality
job opportunities

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



27TH
National Quality Awards

Listed/ OTC company ESG Rating
A-Class

RBA
Platinum Certification

Verification
TIPS A-Class 、ISO22301 、ISO20400



ESG Report



2025/11/19



Gudeng Group Diversification Strategy



EUV POD



FOUP



Advance
Packing



Advance Process
Equipment/
Consumables

to be uncovered

Aerospace



Chemical
carriers





Thank You

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