

Gudeng Precision Industrial Co. Ltd

家登精密工業股份有限公司



2025.07.04



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

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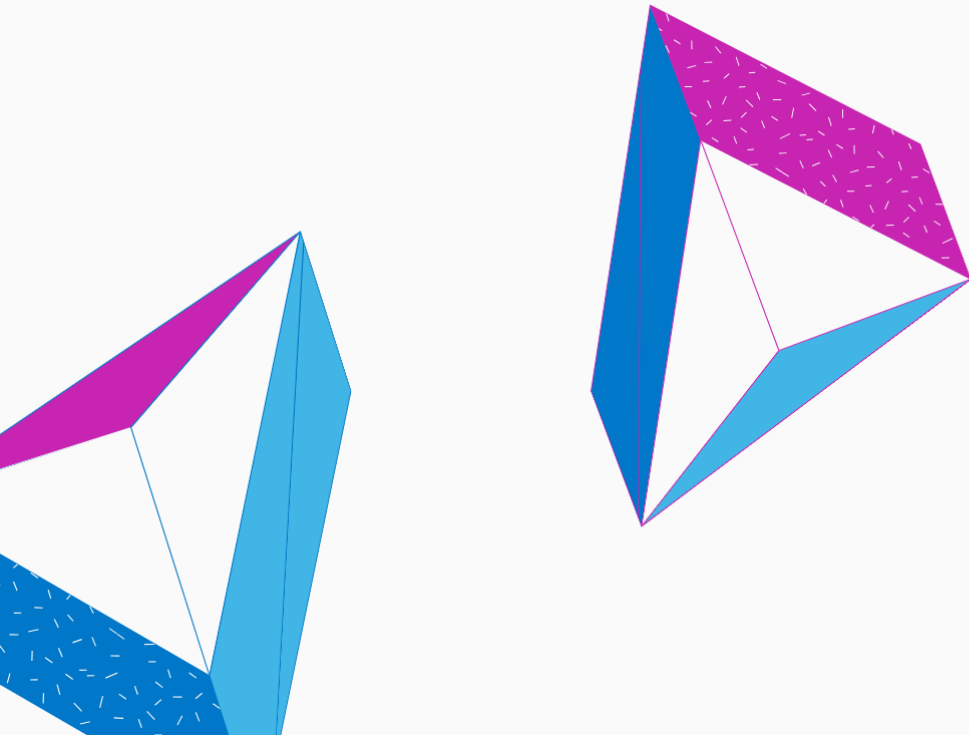
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This presentation includes forward-looking statements. Forward-looking statements refer to statement that address activities, events or developments that Gudeng Precision expects or anticipates will or may occur in the future (including but not limited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

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Agenda



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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 May** Group Revenue : US\$ **95.6** million
(14% growth)

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 Application





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





Advance Packaging Product Line



Foundry
(FOSB)

Chip On ...

**Frame
Cassette**

2023

Wafer with Frame

Chip on Wafer

2024

2025

Heavy Duty

Chip on Panel

2025



TOSB
Top Open Shipping Box

2024

Quarter Panel FOUP

2021

2025

243*241

300*300

¼ Panel product transport

On Substrate

**410/450 Panel
Shipping Box**

2025

Glass/CCL

Full Panel FOUP

2025

2023

2022

600*600

510*515

510*510

Panel processing transport

IC Tray FOUP

2025

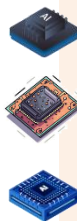
2025

100kg
Tray FOUP

Tray FOUP

IC Tray

IC product transport



Gudeng



High-NA

EUV pod Phase1

Scanner throughput increases

EUV pod Phase2



Particle Contamination



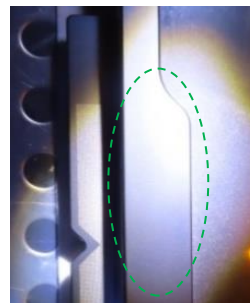
Inner Pod Wearing



Original

- Only provide vertical contact force, there are concerns about displacement and particles.

No Friction

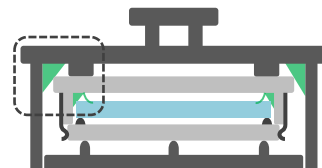
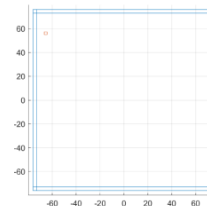


New

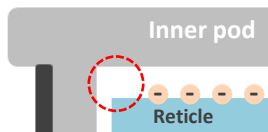
- Add fixed positions to avoid the problems of displacement and particles caused during shipping.

No Particles

ASML Shipping Test



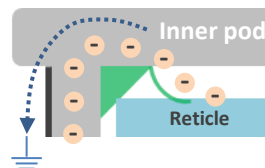
Residual Charge



Original

- After removing the outer pod charges remain on the reticle which cause concerns from ESD issue

No Charge



New

- Added new design to the inner pod box to lead out the residual charge on the reticle, to avoid concerns caused ESD

Residual Charge



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



Operational Performance





Income Statement YOY



	2025 Q1		2024 Q1	
Revenue	56,959,867	100%	47,347,467	100%
Cost	32,038,333	56%	26,504,133	56%
Gross Profit	24,921,533	44%	20,843,333	44%
Expense	14,852,233	26%	13,163,600	28%
Net Operating Income	10,069,300	18%	7,679,733	16%
Non-operating revenue and expenses	(477,233)	(1)%	2,488,867	6%
Income Before Tax	9,592,067	17%	10,168,600	22%
Net Income	7,341,500	13%	7,860,800	17%
EPS	2.20 (NTD)		2.24 (NTD)	

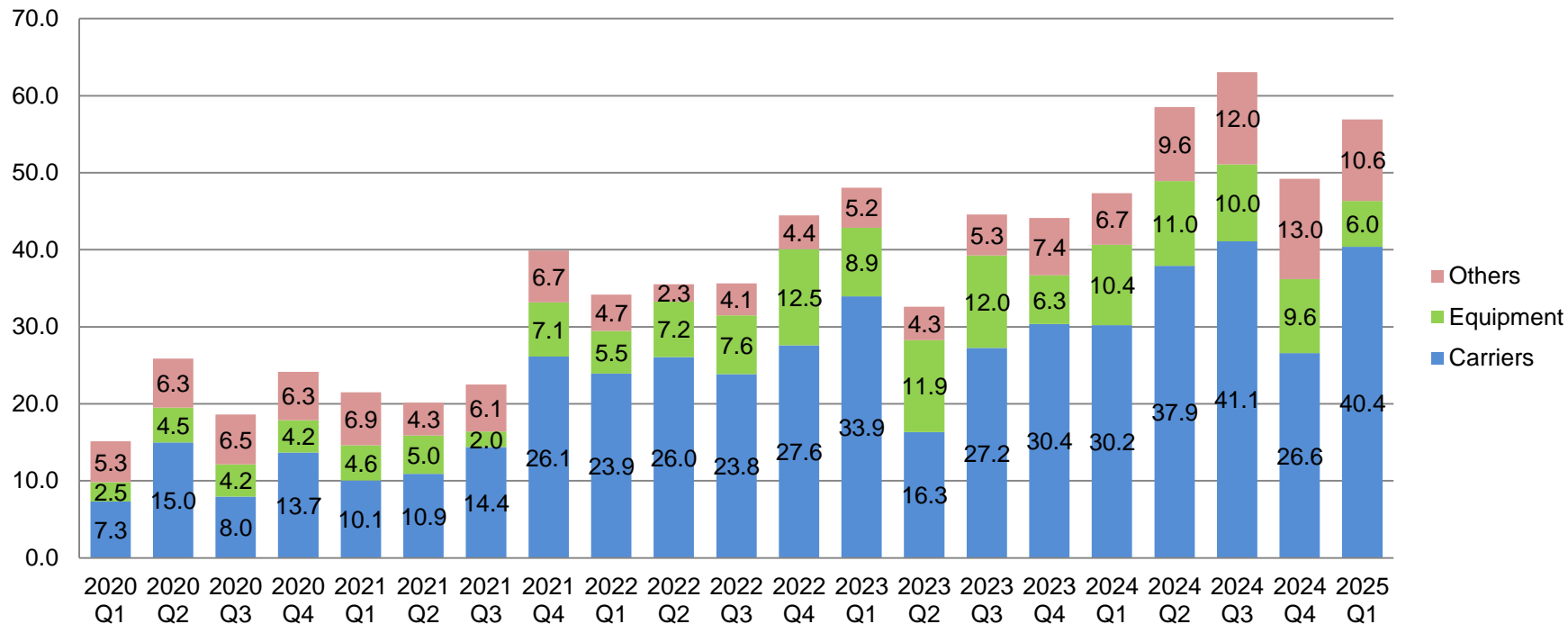
USD



Gudeng Group Revenue (Quarterly)



Consolidated Revenue

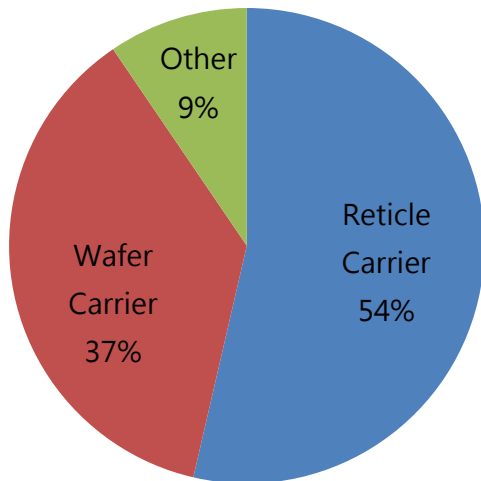




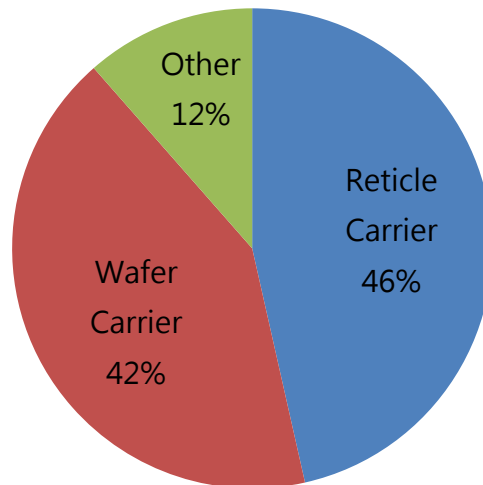
Gudeng Revenue (Quarterly)



2024 Q1



2025 Q1

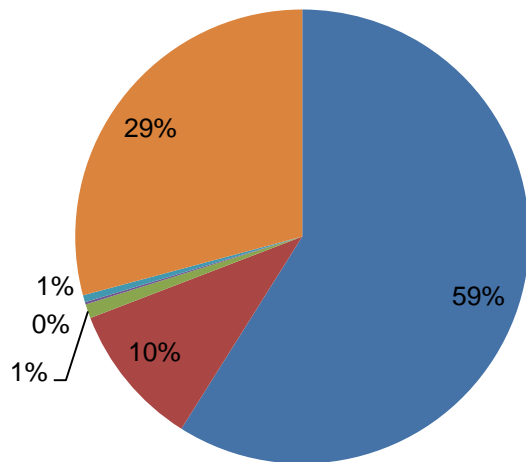




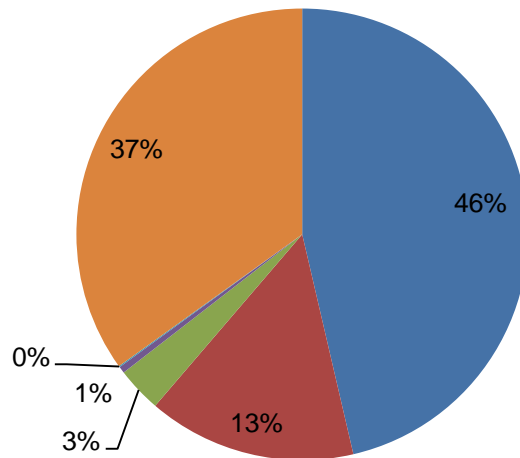
Gudeng Revenue Regional Distribution



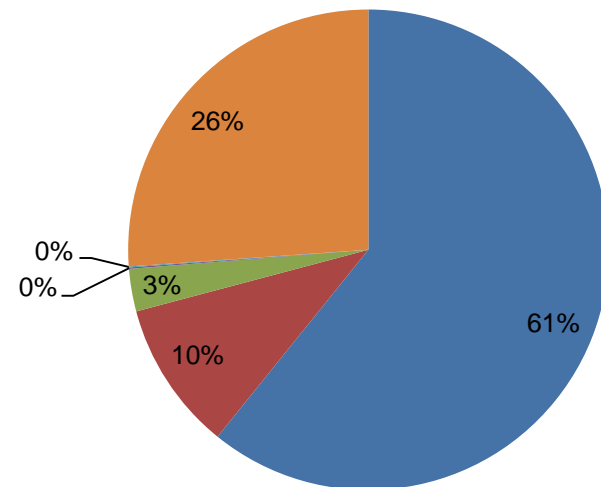
2023



2024



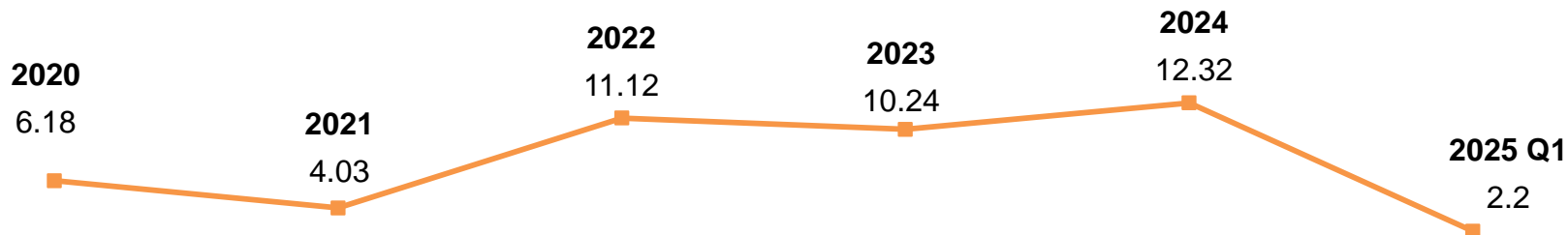
2025 May



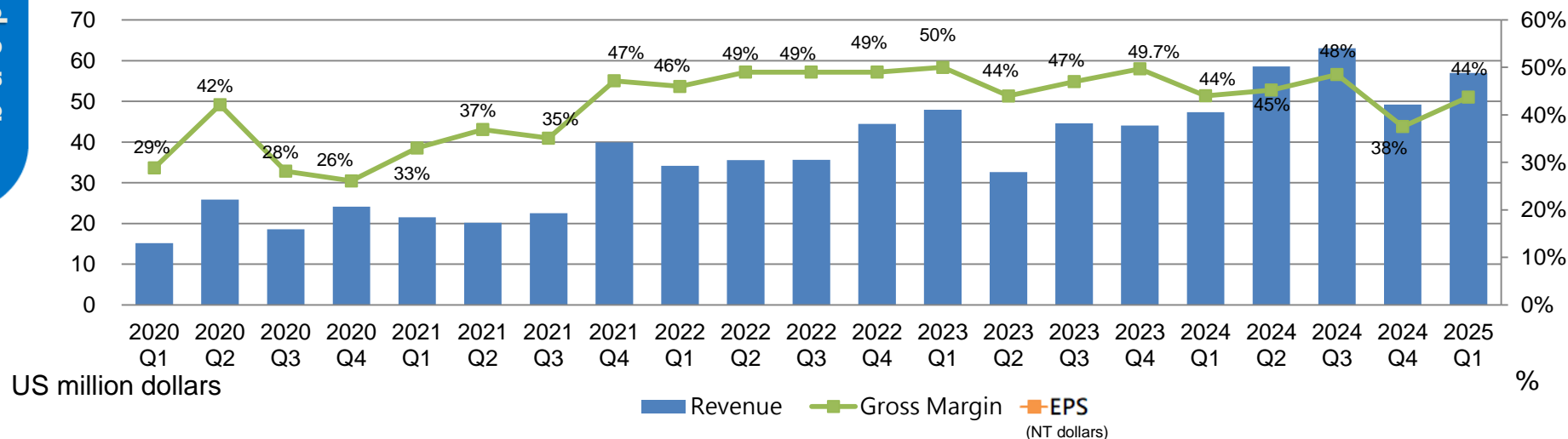
■ Taiwan ■ US ■ Asia ■ Other ■ Europe ■ China



Gudeng Gross Margin (Quarterly)



Gudeng Quarterly Gross Margin





Operational Prospect





Gudeng Growth Blueprint-Highlights



Gudeng



Co-Creation



EUV Pod

2025 ~

With the continuous expansion of advanced process, related demand is growing.



Wafer Carrier Solutions

2025 ~

The market share of our series of wafer carrier is rising worldwide and become the main revenue contribution to Gudeng Group



Advance Packaging Carrier

2026 ~

Our complete solution of CoWoS and back-end 3D package leads the world.



New Technique

2026 ~

Continue to develop new technologies and expand new markets.

Aerospace Pioneer

2026 ~

Constantly expand customer base and challenge doubling revenue growth this year.

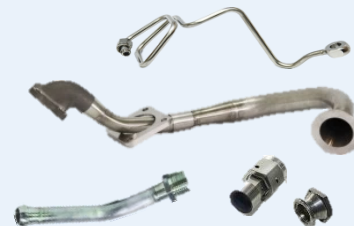




Major Customers & Products



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



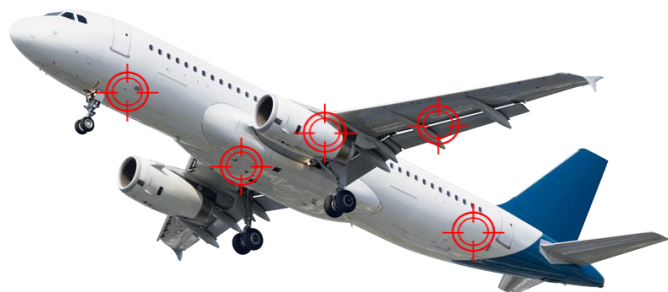
Not only **Sheet Metals parts, Machining parts, and Tube Connectors**, but also providing **Plastic Injection**



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



Gudeng Aerospace Products



GE Aerospace

Honeywell

AEROSPACE



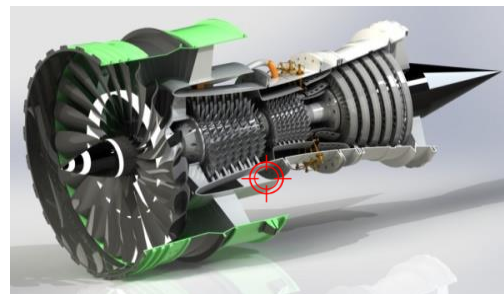
Pratt & Whitney

A United Technologies Company

Fuel & Coolant Line
72% market share



Hydraulic Control System
48% market share





2025 Aerospace Outlook



Cooling & Electrical system(Plastic)
37% market share



Cabin (Plastic)
36% market share



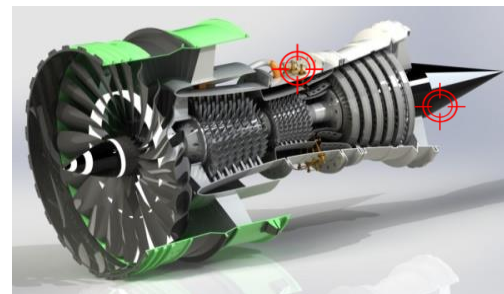
Engine Fuel Injector
91% market share



GE Aerospace



Braking System
63% market share



Liquid & Gas Discharge Pipeline
42% market share



Honeywell
AEROSPACE



GE Aerospace





Gudeng Sustainability Performance



ESG Rating
Listed/ OTC company

A

Economy	Environment
11-30%	31-50%
Society	Expose
11-30%	11-30%

2023 Reduce
33% of Carbon
Emissions



2023 Reduce
54% of Water Usage

2023 Reduce
21% of Industrial Waste

Homemade **Eco-Friendly Pallets**
Transport Cases

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

Employees charity
participating **382** times

Stipends reached **651** students



12 Industry-University Cooperation Items



2023 Revenue
US\$162 million

2023 EPS
10.24 NTD

RBA
Platinum Certification

27TH

National Quality Awards

Listed/ OTC company ESG Rating
A-Class



Verification
TIPS A-Class 、ISO22301 、ISO20400

ESG Report



2025/07/04

司著作權所有

Prospect and Strategy

Revenue Growth

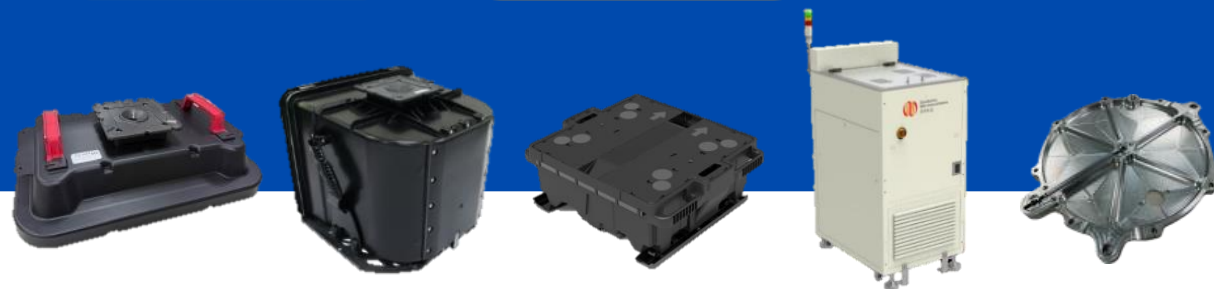
- Continuously seizing the market for reticle and wafer carriers
- Focus on advanced processes and become the main supplier to key customers

Capacity Expansion

- Expanding capacity globally to fulfill local demand
- Expanding capacity in Taiwan for new businesses

Alliance Cooperation

- Collaborate with TSS Holding to provide one-stop services
- Integrate partners' resources to continuously expand overseas markets





Thank You
www.gudeng.com