

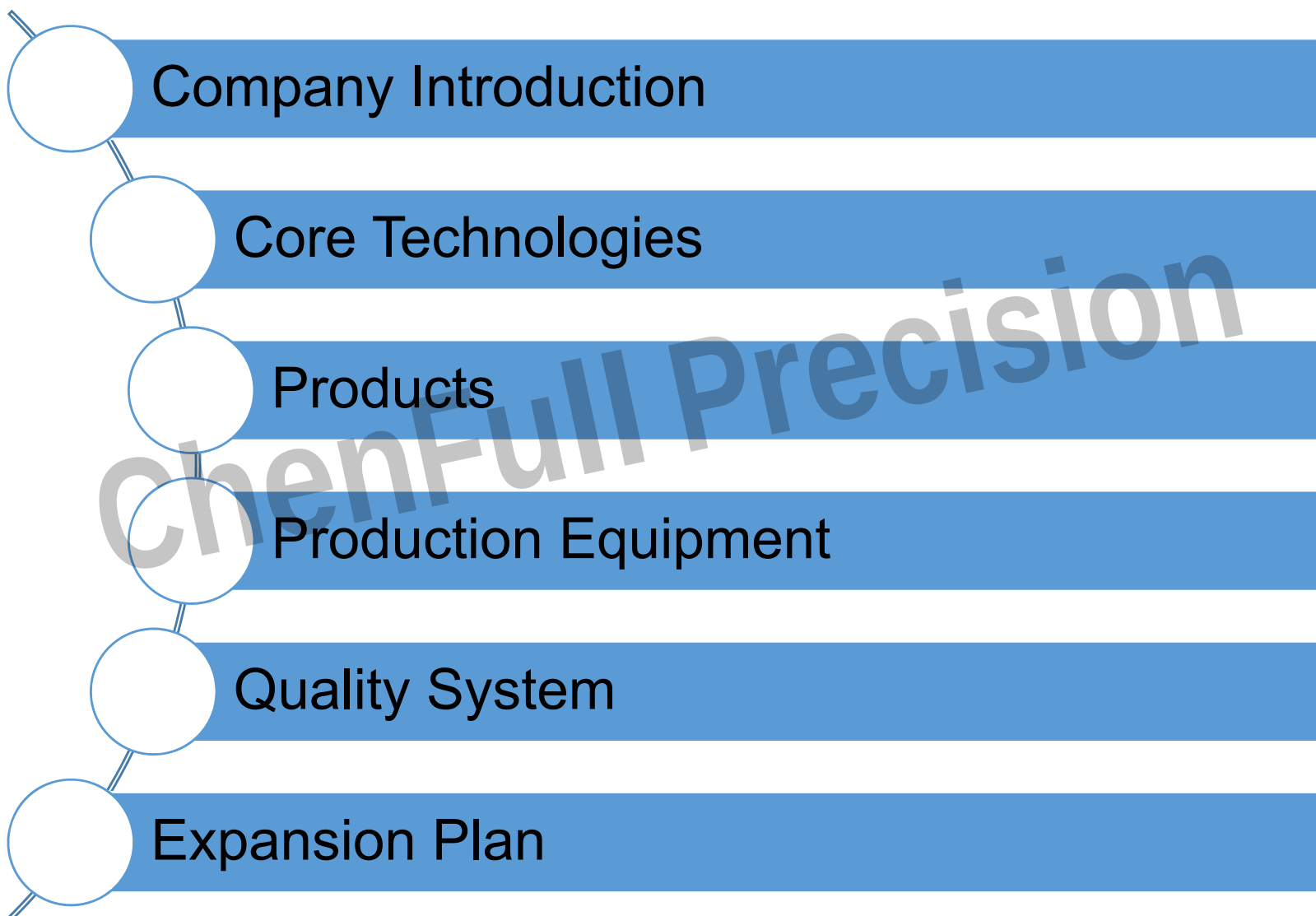


千附精密股份有限公司
ChenFull Precision Co., Ltd.



Welcome!







千附精密股份有限公司
ChenFull Precision Co., Ltd.

ChenFull Group



Chairman: Ms. Alice Chang

CF International Employee: 330

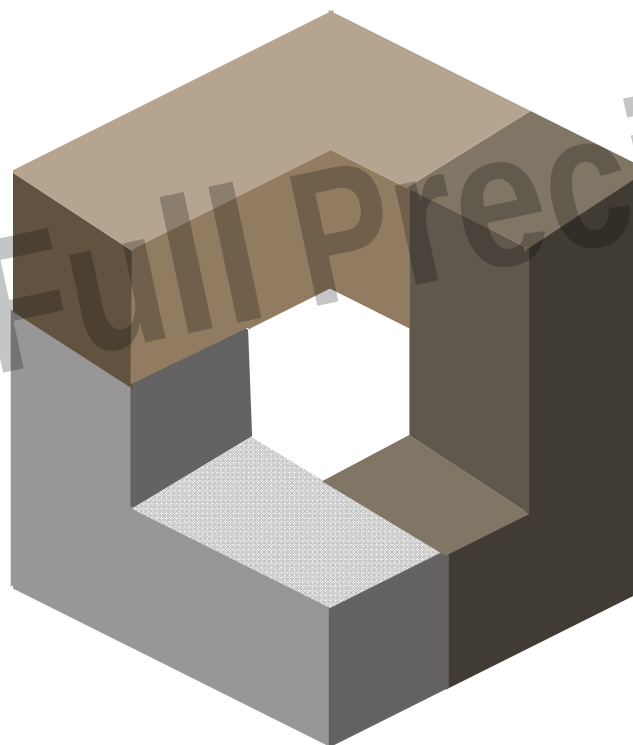
CF Precision Employee: 500



ChenFull Precision Co., Ltd

「Integrated manufacturing services for critical precision components.」

- Aircraft components fabrication(1986)
- FPD / Semi components fabrication and welding (2005)



ChenFull International Co., Ltd

Machinery Div. (1976)

Various Shoe-making Machines

- Cutting Machines
- Sole Attaching Machines
- Lasting Machines
- Customized Automatic Equipment



Engineering Service Div. (1982)

Professional Duct System Provider

- AAS, Air Abatement System
- A-TECH Ductwork Manufacturing
- Scrubber Design and Value Engineering





Headquarter, Taipei

ChenFull Precision



2. Taichung, Houli
21,000m²



1. Taichung, Tanzih
2,700m²

3. Chiayi, YR2026 Q1
approx. 33,150m²
(Near HSR)

ChenFull International

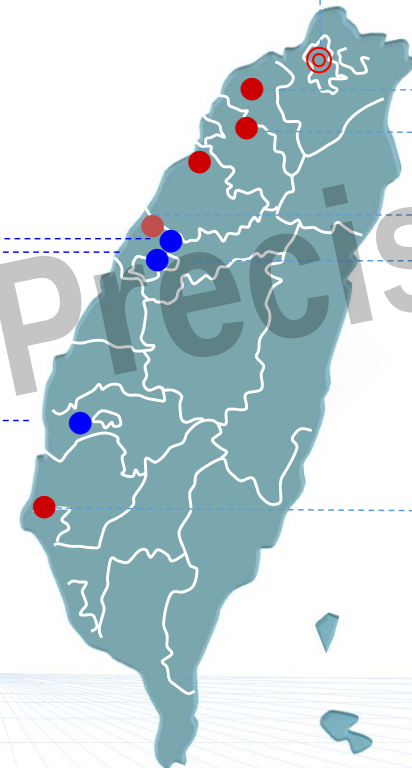
Taoyuan office

Hsinchu office

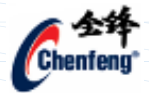
Taichung office

Tanzih office

Tainan office



Machinery Div.



- 中國 China
- 越南 Vietnam
- 印尼 Indonesia



千附精密股份有限公司
ChenFull Precision Co., Ltd.

About **CF Precision**

Precision Division Established: 1986

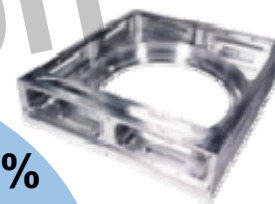
CF Precision: 20th July, 2020

Capital: USD\$19.7 million.

Aerospace &
Others



Semiconductor



30%

20%

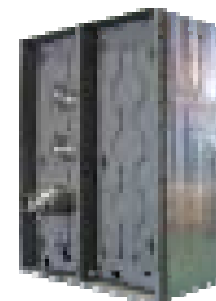
24%

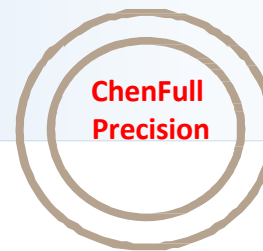
26%

AL Chambers



SUS
Chambers





Chiayi factory Phase I Open

- Machining(Automation)
- Welding
- Special Process
- Module Assembling
- Inspecting, Delivering

ChenFull International Co., Ltd.

- Aerospace & Precision Components
- Precision Machining

- Industrial Cooperation Project

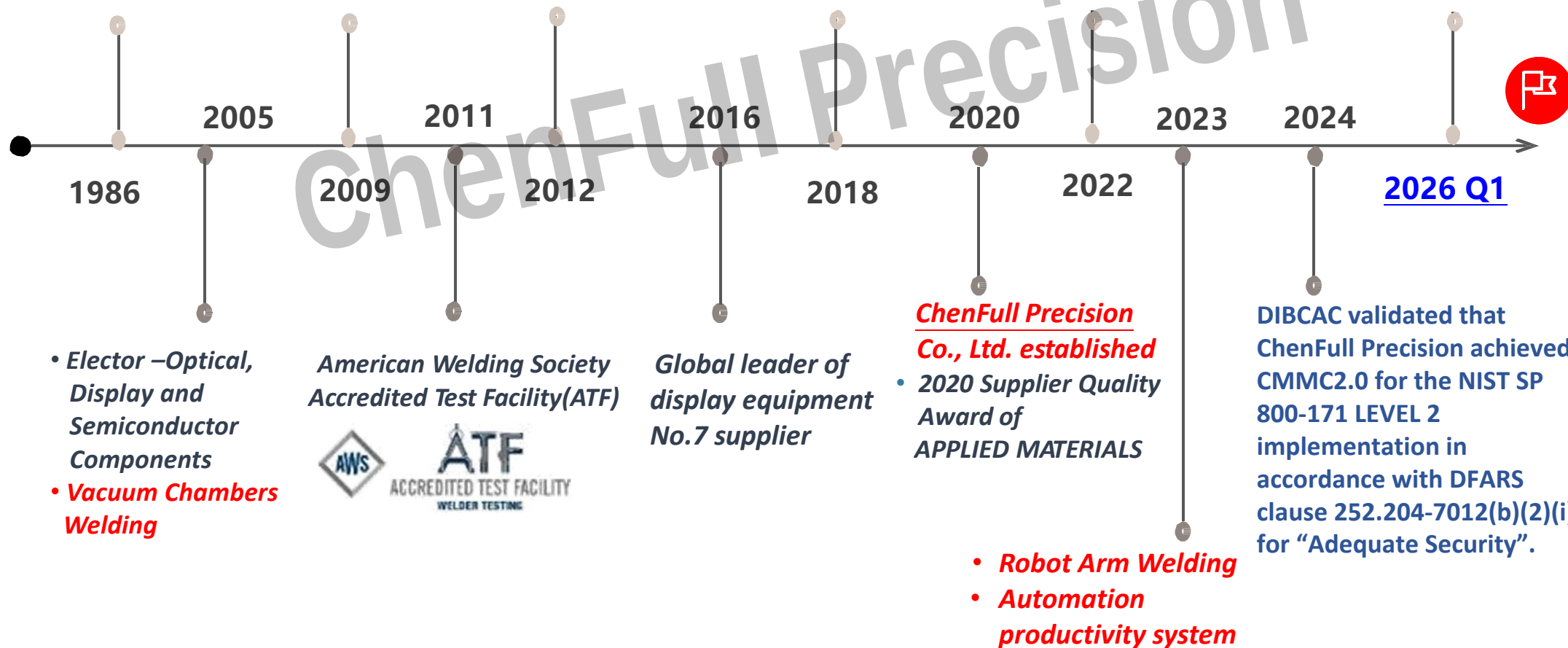
Houli factory Phase I

- Chemical cleaning Line
- Cleaning Room

Houli factory Phase II

- EP and Semiconductor Cleaning Line
- Robot Arm Polishing

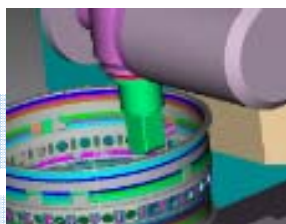
Acquired a land for new factory expansion in Chiayi





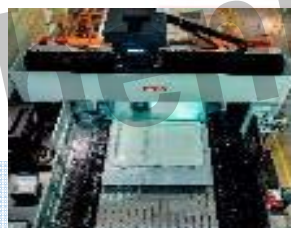
Process Planning

- Advanced Software
- BOM
- Material procurement
- NC programming
- Fixtures design



Precision Machining

- Complex & multi-axis machining processes
- Automation productivity system



Welding

- TIG, MIG, Laser Welding & Orbital welding of Aluminum, Stainless, Titanium, Carbon steel, Special Alloy



Surface Treatment

- Electro polishing
- Auto cleaning process
- Chemical cleaning



Measurement

- Coordinate Measuring Machines
- Laser Tracker Measurement
- Vacuum & Leak Test
- NDT: UT / PT(Level II)



Assembling & Testing

- Bonding, Sealing
- Module-assembling
- Testing, Inspecting



Packing & Delivering

- Specified cleaning room for packaging (Qualify for FED-STD-209E cleanliness 1000 / 100 class)





01

FPD Products



SUS Chambers

PVD Gen 3.5 ~ Gen 10.5



OLED Chambers

OLED Gen 6 ~ Gen 8.7



Aluminum Chambers

CVD Gen 3.5 ~ Gen 10.5



02

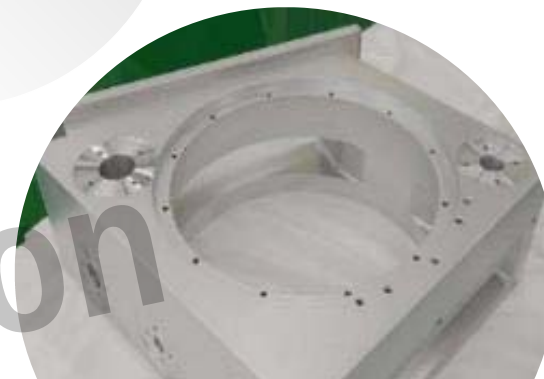
Semiconductor



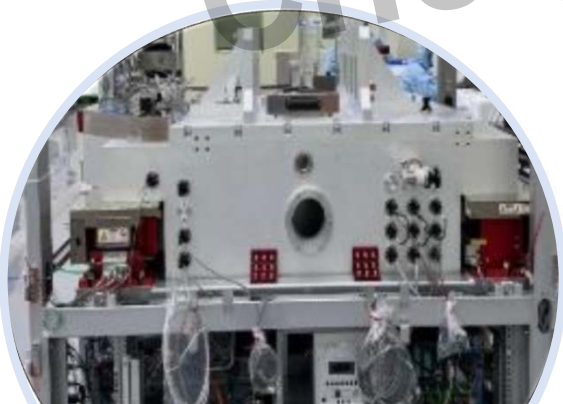
SUS Chambers



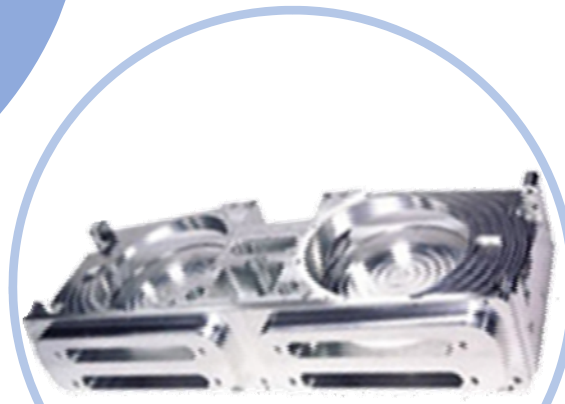
Transfer Chamber



Aluminum Chambers



Module Assembly



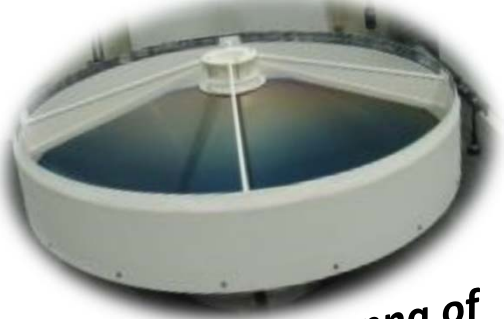
Load Lock Chamber



03



Aviation & Space



Carbon Antenna of
Radio telescope



Aeronautical Satellite
Antenna Network components

Engine Case



Vane Outlet Guide



CFM56-5
CFM56-7
LEAP-1B

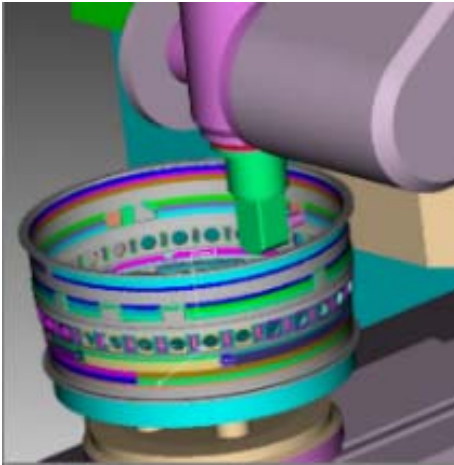
Photo: GE Aviation



Compressor Engine Case



B787
B737 Structure Parts



Advanced Engineering

Software :

CAD/CAM/CAE :

Auto-CAD, CATIA,

Pro-Engineer, Cimatron.

Simulation : Vericut.

ChenFull Precision is capable of fixtures designing and NC Programming for complex and multi-axis milling/turning processes.

Profound CMM programming & measurement capability for complex and precise dimensions to ensure the quality and accuracy in the development and production processes of components.





Houli
Factory



Machines	Envelope (Max.)	QTY
H. 5-Axis Gantry Type M/C	730 x 850 x 560 mm	2
I. Horizontal Spindle Intergrex M/C (6-Axis)	Φ670 x 1388 mm	3
J. Moving Gantry type Bridge M/C	900 x 1000 x 650 mm	3
K. FANUC ROBODRILL ALPHA-D21MiB	500 x 400 x 330 mm	2
L. Turning M/C	Φ446 x 530 mm	1
M. CNC Horizontal Gun Drill Machine	1000 x 800 x 1000 mm	1
N. Horizontal Machining Center Multi-Pallet Pool System (4-Axis 16 Pallets)	730 x 730 x 800 mm	1
O. Horizontal Machining Center	730 x 730 x 800 mm	1
P. Horizontal Machining Center 5 Sides	3060 x 1600 x 800 mm	1
Q. Bridge Type Machining Center 5 Sides	3060 x 2300 x 800 mm	2
R. Bridge Type Machining Center	1700 x 1400 x 1525 mm	3

Machines	Envelope (Max.)	QTY
A. Overhead Gantry Vertical M/C	8000 x 4800 x 2200 mm	1
B. Gantry Vertical M/C	6000 x 4000 x 1700 mm	5
C. Gantry Vertical M/C	5000 x 4100 x 1700 mm	2
D. Horizontal CNC M/C	5000 x 5000 x 3400mm	4
E. Gantry Vertical M/C (Moving beam type)	7060 x 5000 x 3800 mm	2
F. Laser Welding System	FSS Fibrelaser 450W	1
G. Hydraulic Straight-Side Press	3500 x 800 mm (350T)	1

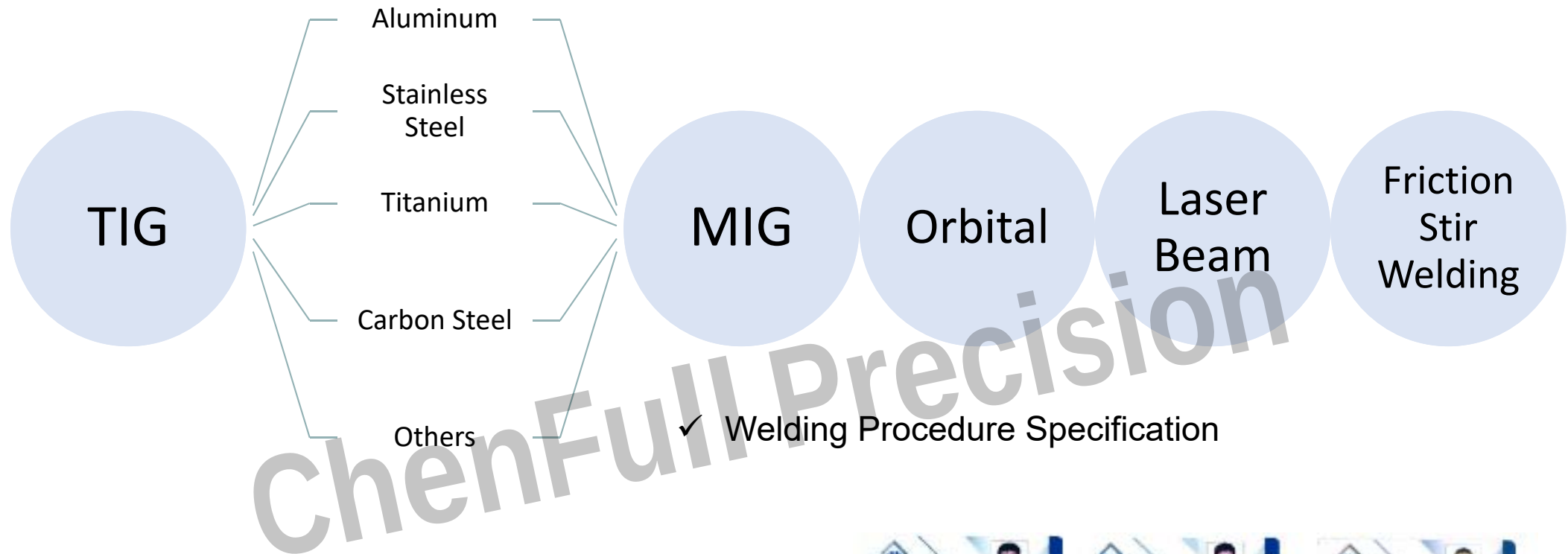


Tanzih
Factory

Machines	Envelope (Max.)	QTY
A. 5-Axis e-Machine	1600 x 1250 x 1000 (ϕ 1450, ϕ 1250) mm	6
B. 5-Axis Gantry Type M/C	800 x 900 x 650 mm	4
C. 4-Axis CNC Horizontal M/C	1700 x 1400 x 1400 mm	10
D. 4-Axis CNC Vertical M/C	2000 x 760 x 900 mm	8
E. CNC Vertical Turning Machine	ϕ 1600 x 900 mm	6
F. Vertical M/C	4000 x 2100 x 1000 mm	3
G. Horizontal Spindle Intergrex M/C	ϕ 670 x 1011 mm	2
H. Bridge Type Machining Center	3060 x 1600 x 800 mm	1

40





Welder Certifications

- AWS Certified Welding Inspector (CWI) Certification
- AWS Certified Welder (CW) Certification
- Taiwan Technician Welding Certification





Chemical Cleaning、EP and Cleaning Rooms



4000 x 3500 x 700mm
Aluminum



6300 x 4500 x 3300
Stainless Steel
(EP)



1800 x 1400 x 640mm
Aluminum
Stainless Steel



Cleaning Rooms



Module Assembling,
Product Inspecting



Qualify for Specifications:

AMAT

LAM

FED-STD-209E cleanliness 1000 / 100 class



MAJOR INSTRUMENT	SPECIFICATION	QTY
Coordinate Measuring Machine	X:2000mm, Y:3300mm, Z:1500mm (2.1+L/357) μ m	5
Multi-Sensor Measuring Machine	X:300 Y:200 Z:200 (1.9+L/150) μ m	1
FARO 3D Laser Tracker	Max 70M, Accuracy: 10 μ m+0.8 μ m/m	3
Helium Leak Detector	5.10 ⁻¹² to 10 ⁻¹ mbar.1/s	3
Ultrasonic Test (GE)	0.4M(AL)~1M(Steel) Accuracy:0.01mm	1
Fine Quality Video Microscope	$\leq$ 230 times magnification	1
Surface Roughness Tester	0.5 μ m	2
Linear Measuring Instrument	0-300 mm	1
Electrical Conductivity Tester	M4900C(Auto Sigma 3000)	1
Rockwell Hardness Tester	$\pm 1^\circ$	2
Leeb Hardness Tester	$\pm 0.8^\circ$	1
Ultrasonic Thickness	0.08~2000mm	4



AS9100D



ISO 9001:2015



ISO/IEC 17025:2017



Accreditation of Test Facilities
for AWS Certified Welder Program



ISO 14001:2015



ISO 45001:2018



Nadcap,
Conventional Machining
as a Special Process



Introduced AS13100



千附精密股份有限公司
ChenFull Precision Co., Ltd.

Awards & Good relationships



◆ Approved Qualified Supplier by customers





2024/06 – 2025/12

2027/01 – 2028/12

Phase 1 factory
building

Phase 2 factory
building

1

2

3

4

5

2024/04

2026/Q1

2029/01

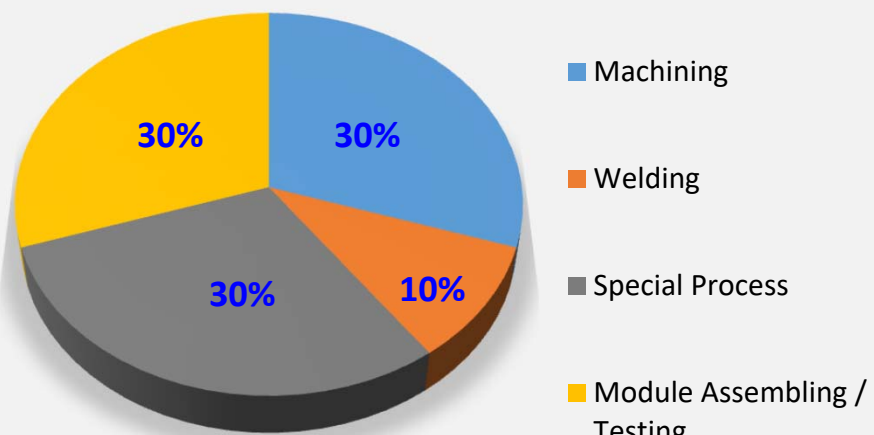
Land transfer

Phase 1 factory
open

Phase 2 factory
open

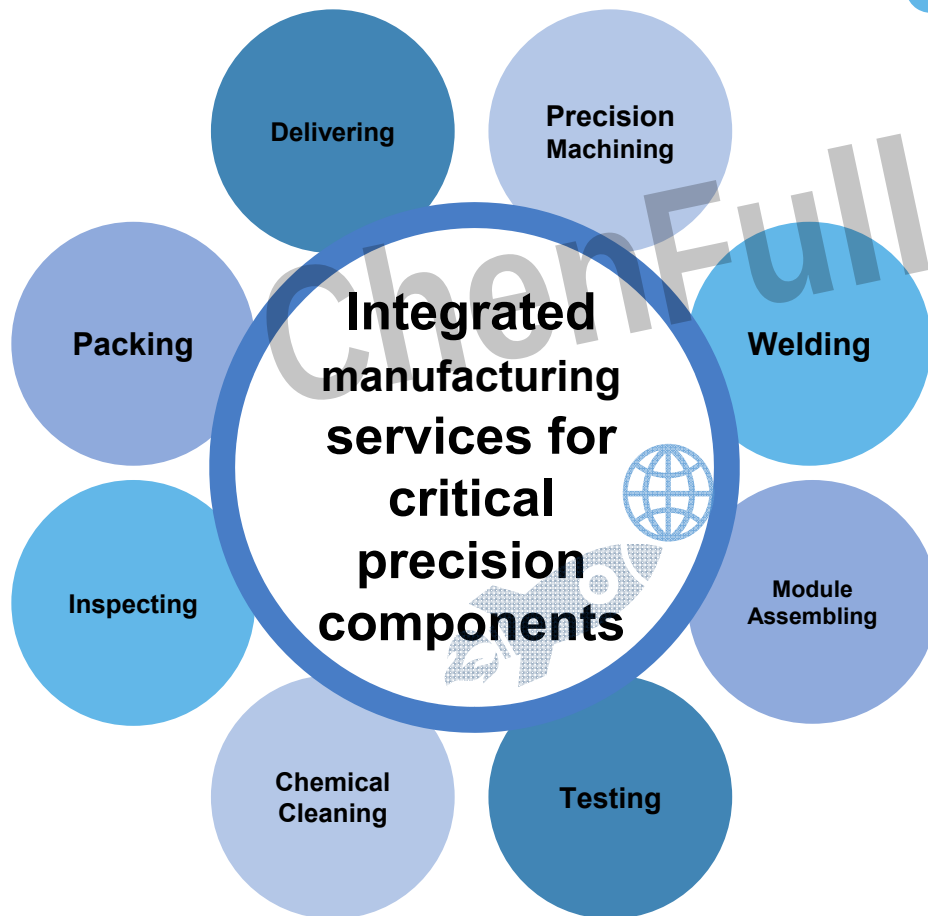
Chiayi factory

Process portion





千附精密股份有限公司
ChenFull Precision Co., Ltd.



*Thank you
for your attention.*

<https://www.cfprec.com.tw/>

E-mail: cfp@cfprec.com.tw