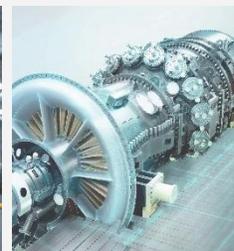




Shenzhen Stock Exchange : Finework Technology
Stock code: 301232

Finework(Hunan) New Energy Technology Co., Ltd.



**Finework Bolt (Hunan)
Aerospace Technology
CO., Ltd**



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总部
Headquarters

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Dongxin Road,Zoushi Town,Taoyuan County,
Changde City,Hunan Province,PRC.



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Introduction

- Finework Tech. was founded in 2012, located in Changde, Hunan Province, China.
- The company focuses on **High-strength fastener R&D**, manufacturing high-strength fasteners, and providing fastening system solutions.
- Our products are widely applied in high-end equipment manufacturing such as wind power, aerospace, petroleum, Gas Turbine, Ship or Vessel, construction machinery, etc..



No. of Employees: **1900+**



Output Value: **1.8 billion /Year**



Factory Acreage: **200,000m²+**

Confidential

Our History

2007

Our first factory was built in Shanghai.



2016

The company's output value exceeded to 100 million yuan, and was listed on the New OTC Market (Beijing)



2019

The company launched new products for wind power like turbine bolts, anchor components, etc..



2021

The company expanded its business from wind power to aviation, aerospace and petroleum.



2024

The company establishes three new subsidiaries: Yingji, Zhilingyun, and BoTe Aviation.



2012

The factory was relocated to Hunan. Finework (Hunan) was founded.



2018

Finework's factory expanded and modernized and standardized facilities were introduced.



2020

Awarded as the single champion of PRC Ministry of Industry and Information Technology (MIIT), Hunan Top 100 Manufacturing Industry.



2023

Shenzhen Stock Exchange's Growth Enterprise Market rings the bell for listing.

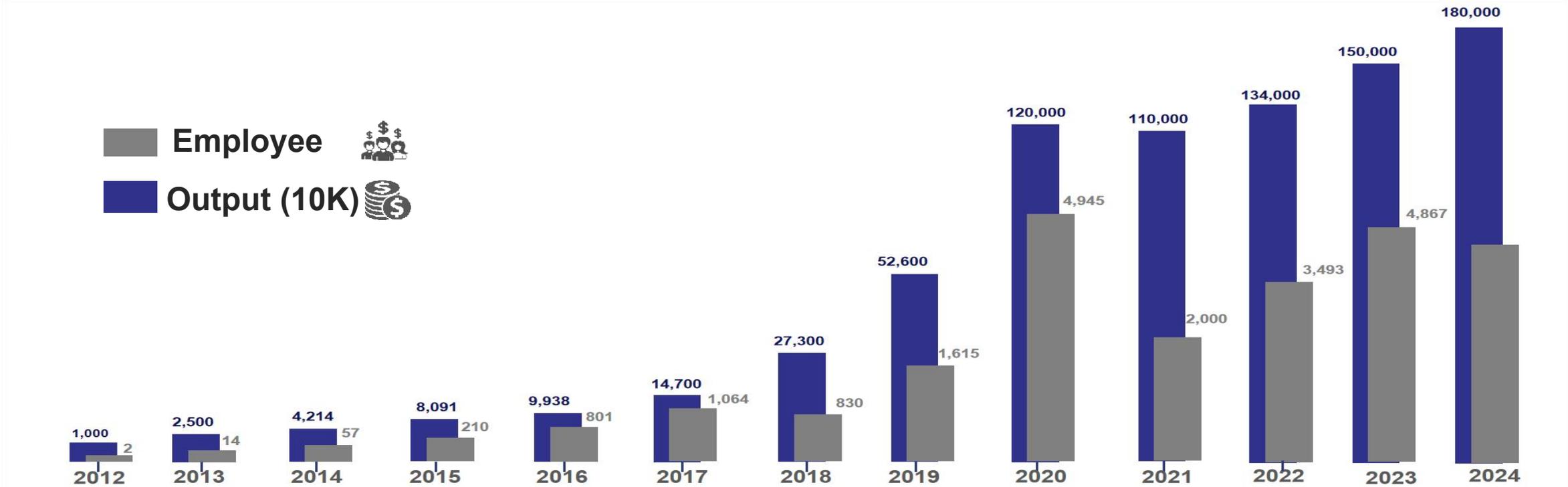


2025

Wind Energy Surge: Vietnam plant operational; Wind tower & farm projects launched. Aerospace Leap: Acquires Chengdu Guanhang subsidiary.



Our History



75+ items Authorized Patent

24 items Software Authorships

36 items Patent for invention

37 items Utility Model Patent

8 items Leading participation indeveloping

Honor

Global market share of embedded screw sleeve of wind turbine blade **No.1**

National Intelligent **Manufacturing Pilot** Demonstration Enterprise by MIIT



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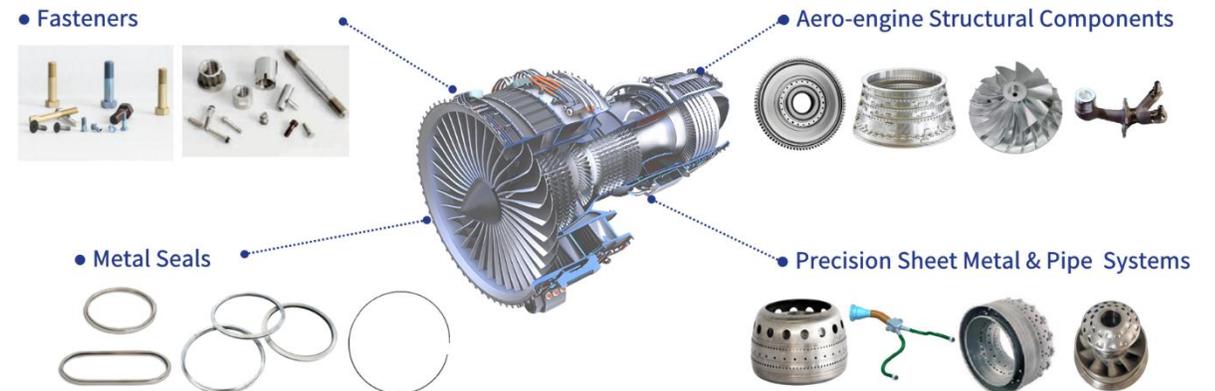
We focus on the global aerospace market, organizes **five subsidiary company**, and provides Four major types of aerospace products:

- **Aerospace Fasteners**
(bolt, nut, washer, tie rod, pin, etc.)
- **Engine Precision Structural Parts**
(casing, turbine disk, etc.)
- **Precision Sheet Metal**
(combustion chamber, flame tube, tube assembly etc.)
- **Metal Seals**
(W-rings, C-rings, multi-convolution rings, etc.)
- **Precision Machining Components for Oil & Aviation**
(Oilfield equipment parts, Close blisk, etc.)

 **Initial Investment: 300 millions yuan**

 **Factory Acreage: 40,000m²**

 **No. of Employees: 400+**



Finework Bolt (Hunan) Aerospace Technology CO., Ltd



Finework Bolt (Hunan) Aerospace Technology Co., Ltd was established in Nov 2024 as sub-company of Finework Tech, with new technology research and development, performance testing, manufacturing. We were grew out of Fastener BU established in May 2017.

Effective standardization of management systems, obtained **ISO 14001, ISO 9001, AS9100D, IATF 16949.**

Fastener team members have many years' working experience reference to fastener R&D and manufacturing. The manufacturing processes are precision machining, hot forging, cold forging, thread rolling, heat treatment, surface treatment, NDT, performance test.

Our customers cover **aerospace, electronics, petroleum, nuclear power, gas turbines,** and etc.. The products are mainly based on new aerospace materials include with titanium alloy and supper alloy. The characteristics of products are high precision, high strength, high temperature resistance, fatigue resistance, and etc..

The product category is well-found, include nut series, bolt series, pipeline connecting series, retaining ring series, washer series, pin & plug series, shaft series, and etc..

Committed To Be A Global Leading Aerospace Fastening System Solution Provider!



Typical Products -

Structural steel & stainless-steel stud(screw)

Structure:

- **Head Style:** Hexagonal and hex flange, 12-point flange, Cylinder Series, Panhead, Flat round head or oval head, Flat countersunk(90/100/120°), T - head, etc.;
- **Slot style:** Cross, Slotted head, Indented Hexagon, Hexagon lobular socket;

Raw Material:

- **Alloy steel(A):** 30CrMnSiA, 40CrNiMoA, etc.;
- **Stainless steel(B):** 1Cr18Ni9Ti, 1Cr17Ni2, B4B, etc.;
- **Titanium alloy(C):** TC4, TC6, TC16, TB3, etc.;

Coating Type:

- **A:** Galvanization, Cadmium plating, Blackening-oxidation, Electroless Nickel Plating, etc.
- **B:** Passivation, etc.
- **C:** Aluminum spraying, Anodizing, MnS₂(molybdenum disulfide) praying, etc.

Diameter Range:

1.6-50mm series

Thread Type:

M THD, MJ THD, UN THD, UNJ THD, etc.



Typical Products - Supper alloy bolt(screw) & stud

Structure:

- **Head Style:** Hexagonal and hex flange, 12-point flange, Cylinder Series, Panhead, Flat round head or oval head, Flat countersunk(90/100/120°), D - head, etc.;
- **Slot style:** Slotted head, Indented Hexagon, Hexagon lobular socket;

Raw Material:

GH4169(Inconel718/N07718), GH2132(A286),GH159(MP159), GH4033(Inconel 625, or NC22DNb, W.Nr.2.4856), GH738(Waspaloy or NC20K14), GH141(UNS NO7041), GH2696, GH4698, GH30, etc.;

Coating Type:

Passivation, Silver plating, etc.

Diameter Range:

5-50mm series

Thread Type:

M THD, MJ THD, UN THD, UNJ THD, etc.



Structure:

Hexagonal and hex-flange(self-locking nut and normal nut), 12-point flange nut, receptacle nuts(or anchor nut 双耳托板螺母), floating self-locking nut(游动自锁螺母), etc.;

Raw Material:

- **Alloy steel(A):** 30CrMnSiA, 40CrNiMoA, etc.;
- **Stainless steel(B):** 1Cr17Ni2, 1Cr18Ni9Ti, etc.;
- **Supper alloy(C):** GH2132(A286), GH4169 (Inconel718/N07718), GH738, etc.;

Coating Type:

- **A:** Galvanization, Cadmium plating, etc.
- **B:** Passivation, MnS2(molybdenum disulfide) praying, etc.
- **C:** Aluminum spraying, Passivation, etc.

Diameter Range:

3-56mm series

Thread Type:

M THD, MJ THD, UN THD, UNJ THD, etc.





Typical Products -

Rivet & washer & locking washer & plug & pin

Structure:

Countersunk head rivets, countersunk hollow rivet, flat-head hollow rivet, panhead rivet, Titanium-niobium rivet, washer, locking washer, spring washer, plug, pin, etc.;

Raw Material:

- **Aluminum alloy(A):** 2A10, 2A12, etc.;
- **Titanium-niobium alloy(B):** Ti45Nb;
- **Super alloy(C):** GH3044, GH2132(A286), L605, etc.;
- **Stainless steel(D):** 1Cr18Ni9Ti(AISI 321), 0Cr18Ni9 etc.;
- **Alloy steel(E):** 30CrMnSiA, 40CrNiMoA, etc.;

Coating Type:

- **A:** Anodizing, etc.;
- **B:** Anodizing, etc.;
- **C:** Silver plating, Passivation, etc.;
- **D:** Passivation, etc.;
- **E:** Galvanization, Cadmium plating, Blackening – oxidation, etc.

Diameter Range:

3-10mm series



Structure:

Lock plate, pin shroud, plug inner-barrel, washer, screw, etc.;

Raw Material:

- **Super alloy(A):** Inconel 718, IncoloyA-286, UNS 30605(L605), N07750 Type 2, etc.;
- **Stainless steel(B):** 1Cr13, B4B, 06Cr19Ni10, 0Cr25Ni20, etc.;
- **Alloy steel(C):** B16(35CrMoVA), 42CrMo, etc.;

Coating Type:

- **Super alloy(A):** N/A
- **Stainless steel(B):** N/A
- **Alloy steel(C):** Zinc Plating, etc.;

Surface Harden Process:

- **Super alloy(A):** N/A
- **Stainless steel(B):** N/A
- **Alloy steel(C):** Nitriding, etc.;

Diameter Range:

3-65mm series



Structure:

Tie rod LPT - jupiter 1, nut LPT – Jupiter 1, plug LPT – Jupiter 1, self-locking nut, ring nut, screw with special head, etc.;

Raw Material:

- **Super alloy(A):** Inconel 718, Was, UNS 30605(L605), etc.;
- **Stainless steel(B):** X12Cr13(12Cr13), B4B, NIMONIC263, ANSI 410, ANSI 316L, etc.;
- **Alloy steel(C):** B16(35CrMoVA), 42CrMo, etc.;

Coating Type:

- **Super alloy(A):** N/A
- **Stainless steel(B):** Silver plating, Electroless Nickel Plating.
- **Alloy steel(C):** Zinc Plating, etc.;

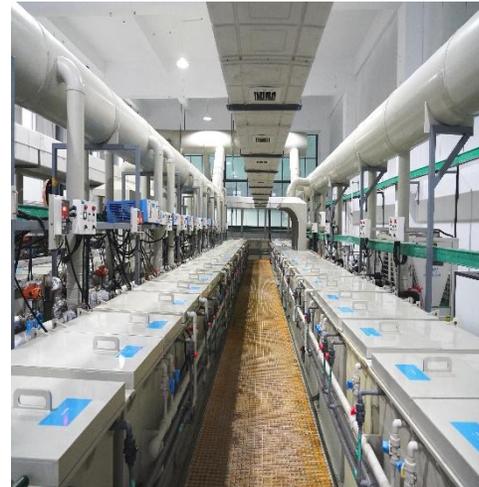
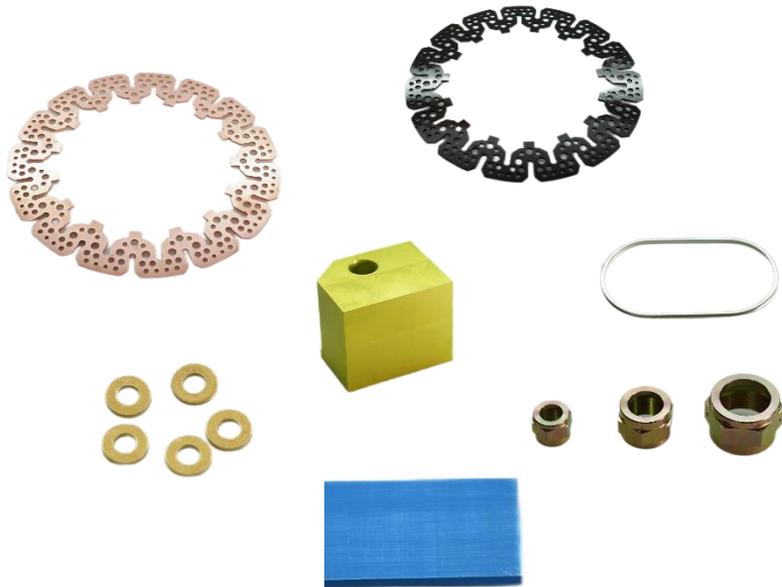
Diameter Range:

3-65mm series



Typical Products - Capacity for Surface Treatment

- Copper plating ·Nickel plating ·Silver plating ·Yellow sulfuric acid anodizing ·Gold conduction oxidation
- Blue anodizing ·Blackening-oxidation ·Pickling and passivation ·Phosphating ·Colored zinc electroplating
- Pulse anodizing ·Boronizing ·Electroless Nickel Plating($\leq 75\mu\text{m}$)



- 1 Super alloy and titanium alloy heat treatment and surface treatment process
- 2 Super alloy head hot upsetting forming process
- 3 High-strength bolt thread rolling forming process
- 4 Fatigue-resistant bolt head cold work strengthening process



Heat Treatment



Surface Treatment



Hot Forging



Thread Rolling



R Corner Rolling



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Test Equipment—Performance Test

ICP



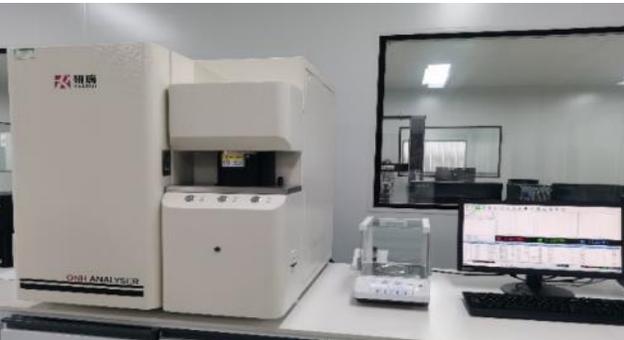
Hardness tester



Metallographic microscope



ONH



XRF



Body macroscope



GS

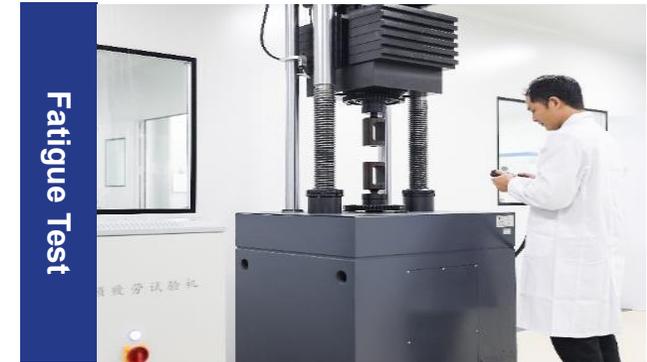


OES



NSS





UT (Ultrasonic Test)



MT (Fluorescent Magnetic Test)



PT (Fluorescent Penetrant Test)



Measuring Equipment- Precision Dimensional Measurement



CMM

Band & Model
"Serein" Croma Classic&
8106

Measuring item
Dimensional measurement

Measuring Capability
800mm*1000mm*600mm

Measuring Accuracy
 $\pm(3+3 \times L/1000)\mu\text{m}$



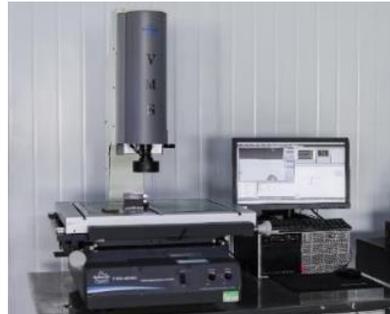
Digital height Gauge

Band & Model
Mitutoyo&
LH-600E

Measuring item
Height measurement

Measuring Capability
0-600mm

Measuring Accuracy
 $1.1+0.6L/600\mu\text{m}$



Digital Projector

Band & Model
Wanhao&
VMS-4030G

Measuring item
Dimensional measurement

Measuring Capability
400mm*300mm*150mm

Measuring Accuracy
 $3+L/200\mu\text{m}$



Optical Comparator

Band & Model
WILSON&
MMD-HPG150TSL

Measuring item
Profile Measurement

Measuring Capability
0-150mm

Measuring Accuracy
5um



Circularity gauge

Band & Model
WILSON&
CA-95CNC

Measuring item
Roundness Measurement

Measuring Capability
 $\phi 400\text{mm} \times 500\text{mm}$

Measuring Accuracy
0.8um/300
X:(0.025+5H/10000)um
Z:(0.025+6X/10000)um



Gear measuring gauge

Band & Model
Shanghai Measuring Tools&
DD30

Measuring item
Gear Measurement

Measuring Capability
 $M1-6 \times \phi 300\text{mm}$

Measuring Accuracy
1um



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Qualification and Certificates



ISO 14001



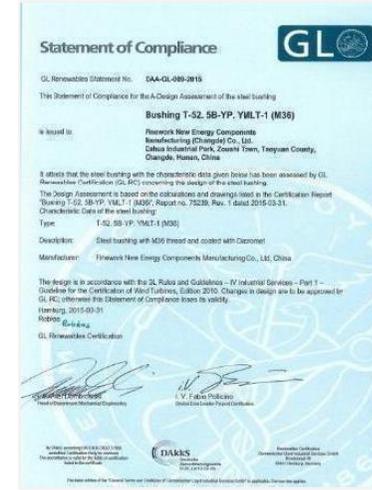
ISO 16949



ISO 9001



IATF 16949



GL



CNAS (ISO/IEC 17025)



TPG-Heat Treating



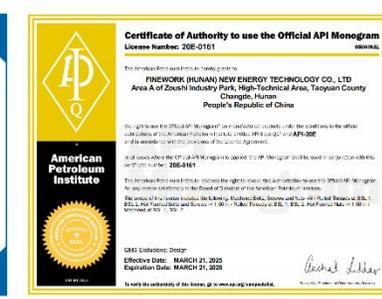
TPG-NDT



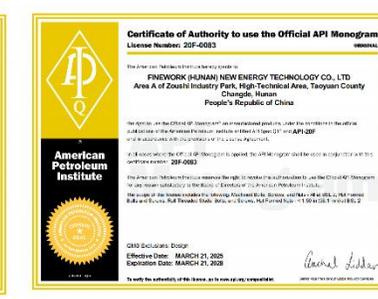
NADCAP(MT&PT)



AS9100



API-20E



API-20F

	Scope of Cert	Audit Plan	Certified Plan
Nadcap Cert	Vacuum Heat Treatment Super alloy & precipitation- hardened stainless steel	May 2025/On-going	Dec 2025/On-going



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Valuable Customers - Main



GE VERNOVA

Baker Hughes



SIEMENS
energy



HEGGEMANN
○ ○ ○ ○ ○ ○

TRM TRMOTOR
GÜÇ SİSTEMLERİ



Collins Aerospace



SAFRAN
AEROSPACE · DEFENCE · SECURITY



A Brief History of Cooperation on Different Categories with GE

Finework (Hunan) New Energy Technology CO. Ltd (Vendor #: S79292-108) has already been an approved supplier of GE Vernova since 2023. Our current business scope mainly focus on lock plate, pin shroud, plug inner-barrel, washer, screw with GE Vernova.

Year	PO lines	Qty. Demand	PO Amount (USD)	Qualified P/N Items	Orders from
2023	72	546	7, 538.19	40	US+QHD (Qinghuangdao)
2024	220	40124	163, 401.18	116	US+QHD (Qinghuangdao)
2025	91	15715	54, 606.32	2	US + Hungary + Netherlands



GE Qualified Records

- 158 items qualified by FPQ and with consistent orders
- Regarding the normal demand fasteners, Finework has planed stocking material with GE Vernova in 2024.

Main orders from GE Hungry, Netherlands, US, QHD for service. New opportunities is to developing with new turbines.

A Brief History of Cooperation on Different Categories with BH

Finework (Hunan) New Energy Technology CO. Ltd has already been an approved supplier of BH since 2023. Our current business scope mainly focus on tie rod, plug, self-locking nut, ring nut, screw with special head.

Year	Yearly Volume (EUR)	Remark
2025	3, 850, 000	FPQ On-going
2026	7, 700, 000	Forecast per LOI
2027	6, 400, 000	Forecast per LOI

- MOU signed on Mar 25th , 2025.
- LOI signed on Mar 31st, 2025.

Mainly focus on fasteners, combustion parts and OFS.





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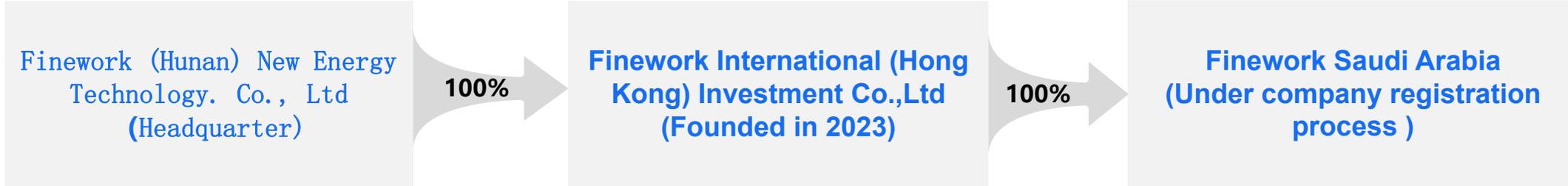
- A factory in **Vietnam** to manufacture all categories of fasteners with full in-house manufacturing for wind energy set up in 2024

No.	Category/产品	Capacity/(Pcs/Year)	Capacity/(Metric Tons/Year)
1	Bushing(Insert)/螺套	1,000,000	6,126
2	Stud /螺杆	4,000,000	9,590
3	Nacelle & Tower Bolt/机舱&塔筒螺栓	1,500,000	6,080
4	Anchor bolt/锚栓	160,000 (2,000 sets)	17,795
5	Flange (In preparation) /锚板	3,500	7,000
	Total/总计		46,591

- Potential locations in **US** under review for selection
- Subsidiary in **Saudi Arabia** is under registration

Finework New Factory in Saudi Arabia

A Fully-owned overseas subsidiary invested by Finework Hong Kong, to be set up



Timeline

Category	Registration	Construction	Trial Manufacturing
Fasteners	Mar,2025-July,2025	July 2025 - July 2026	Q3, 2026
Precision Machining	Mar,2025-July,2025	July 2025 - July 2026	Q3, 2026
Laser Cladding	TBD	TBD	TBD

Support needed from Baker Hughes in Saudi Arabia and GCC

- Fasteners: Baker Hughes Saudi already gave annual forecast of 2025
- Precision Machining: forecast of annual requirements in 2025;
- **Other GE VERNOVA facility BD support in GCC**



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Thank you!

To be Global Leading High
Strength Fastening System
Provider



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