CNCTECH
Integrity | Quality | Delivery

Integrated

MANUFACTURING

Service from Vietnam



Content

1 Introduction

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ABOUT CNCTECH GROUP

Founded in 2008, CNCTech has grown from a precision engineering company into one of Vietnam's leading technology and industrial groups, building an integrated ecosystem across Manufacturing, Industrial Infrastructure, and Logistics to support global partners and FDI enterprises.



VISION

Leading the green and smart industrial ecosystem in Vietnam.

MISSION

Shaping a future of sustainable development and innovation in the industrial and logistics sectors, enhancing Vietnam's capabilities in the global supply chain.

BUSINESS PHILOSOPHY

Integrity | **Quality** | **Delivery**

Integrated CNC Ecosystem

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End-to-End Solutions

Cost Efficiency & Reliability

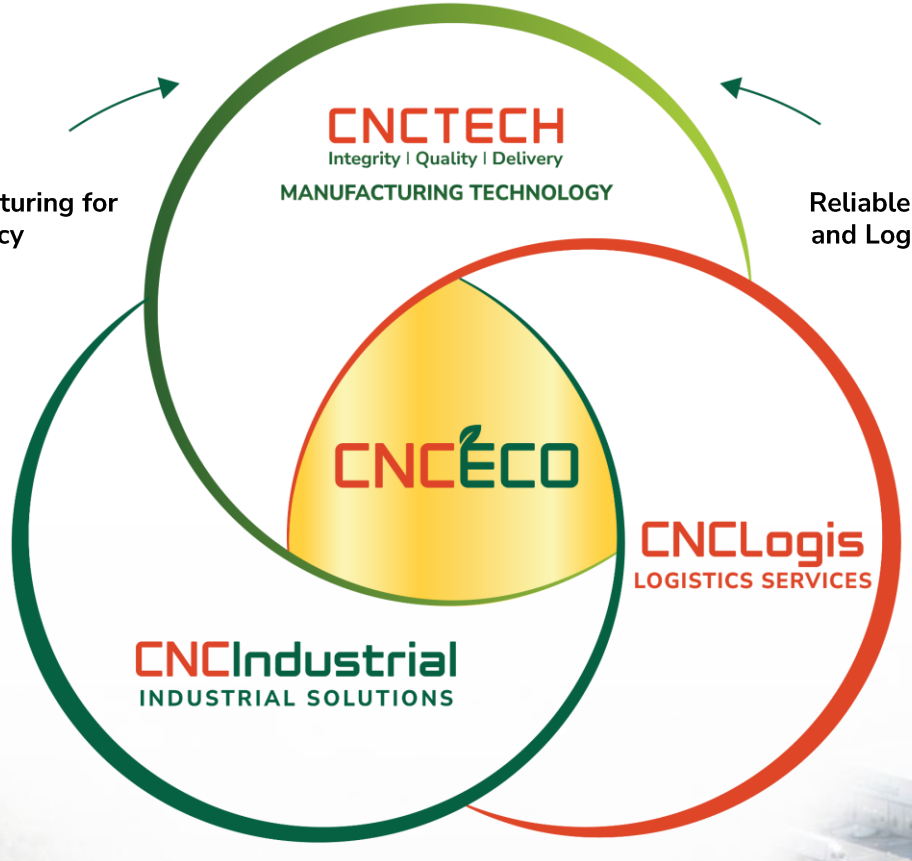
Smart Manufacturing for Efficiency

Reliable Supply Chain and Logistics Support

Strong Infrastructure Enabling Seamless Operations

Sustainable Growth

Global Standards, Local Excellence





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MANUFACTURING TECHNOLOGY

60,000㎡
8 factories

400+
Machining Centers

2,000
People

300+
Molds/ year

80+
Injection Centers

500+
Integrated Systems/ year

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2008 - 2015 ›

Startup journey from a CAM workshop to an integrated manufacturing platform.

2008
Founded as a CAM workshop

2010
Opened first precision machining facility in Binh Duong

2013
Established joint venture with a Japanese partner in precision machining

2015
Opened tooling & molding and precision machining facility in Hanoi

2016 - 2021 ›

Expanded investments and M&A with companies in automation, oil & gas, and electronics, gradually building a more integrated manufacturing ecosystem.

2018
- Completed M&A with VKX (EMS sector)
- Invested in VINAM Oil Tools and SMCTech

2019
- Established Saigon factory
- Invested in Skylight, Mentech, Vineco, and CNC Vina.
- Acquired Framas Bac Ninh

2021
Relocated headquarters and main production to CNCTech Thang Long

2022 -2025 ›

Continued to scale up, investing in technical excellence and management capabilities, positioning the Group for global growth.

2024
- Launched integrated manufacturing services
- Initiated global market expansion
- Expanded manufacturing capacity

2025
- Completed M&A with ASV (Automation Equipment and Precision Engineering Trading Company)
- Expanded into global markets through strategic exhibitions and partnerships (US, EU, Asia)
- Strengthened partnerships in semiconductor and high-tech industries
- Advanced quality systems toward international standards (AS9100 readiness)

2026 - 2030 ›

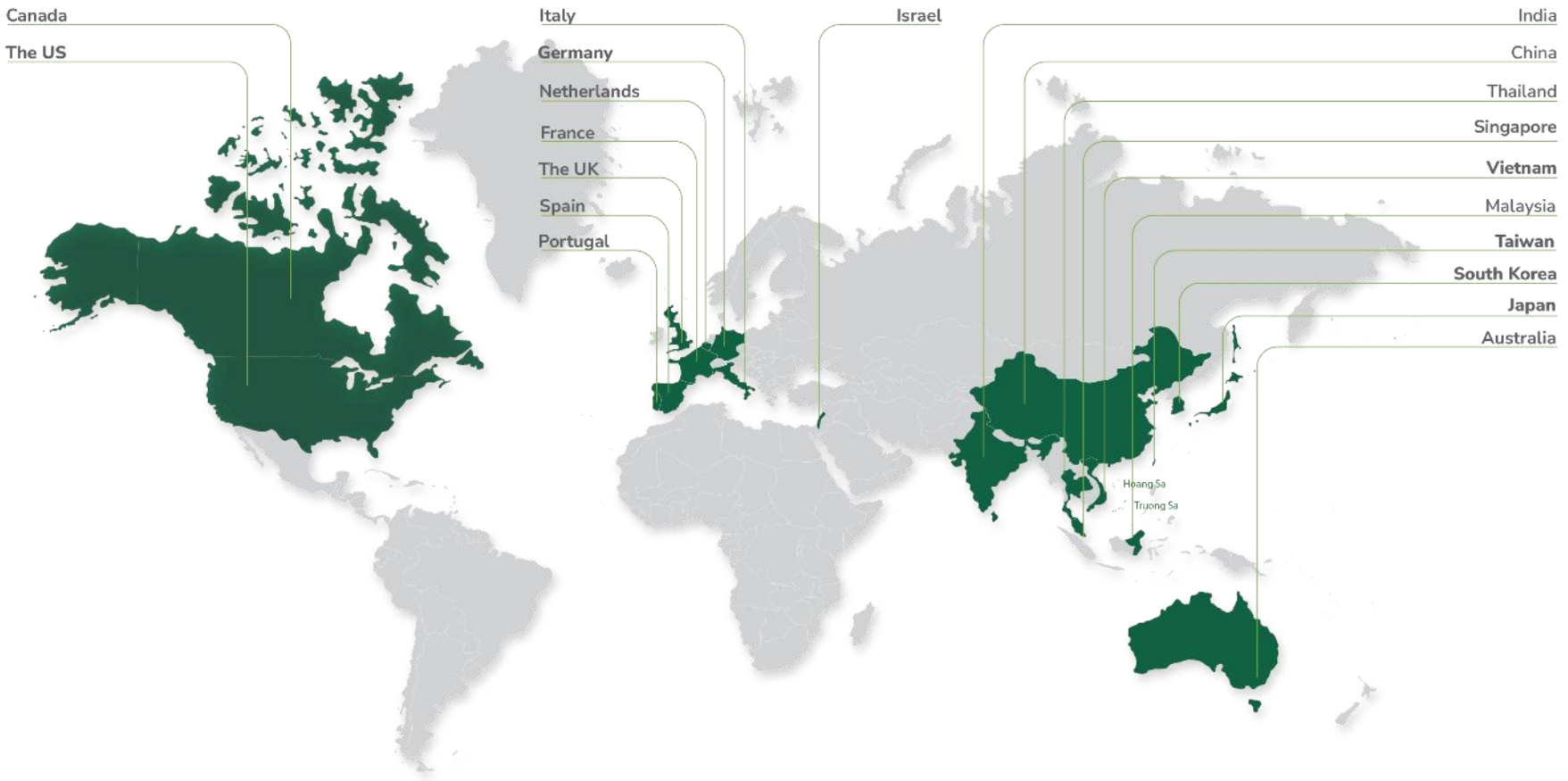
Further scaling up, focusing on investment to become a tier-2 and tier-3 supplier to machinery manufacturers in the semiconductor, automotive, medical device, and aerospace industries.

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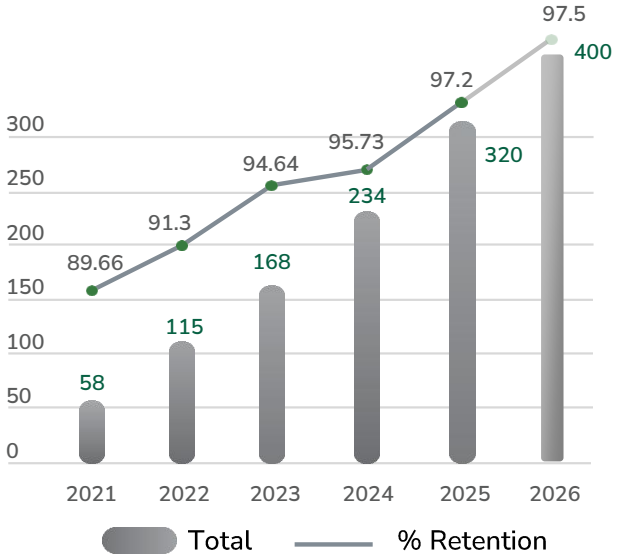
Market	Industry
Japan	Machinery & Automation Equipment
The US	Oil & Gas Industry
Europe	Semiconductor
Asia	Automotive
Vietnam	Aerospace
	Medical Device

320 Overseas Customers

35 Countries



Number of Customers



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Japan

DENSO, MABUCHI MOTOR, brother at your side, YAMAHA, SCREEN, OKAYA, TKS 株式会社 東京機械製作所, 野村ユニソングループ

Panasonic, SHIBAURA, KYOCERA, NAKANISHI, 阪奈工業株式会社 HANNAKOGYO Co.,Ltd, 脚下照顧, DAIDO, 株式会社 安田製作所

USA

Whirlpool, BOYD, STANDARD Tool & Die, WELDEX CORPORATION, 21st Century SCIENTIFIC, HELION, Belvac, REDSTONE MANUFACTURING, Valmet FORWARD

IPG PHOTONICS, JR AUTOMATION, CENTURY MOLD, BROOMFIELD, ARCANE INDUSTRIES, RACETRONIX, Intellihot, GlasWeld

Europe

REDWOOD, Magnetec, TOTAL, Leistritz, CANYON, LEMORAU, TMX Engineering, deeper

armorgard ticking every box., equinor, Continental, 3P innovation, MTA Advanced Automotive Solutions, DTM CUMSA Design & Technology for Molds, R THEORY MOTORSPORTS, proofest idea • people • solution, ZRIHA HLAVIN INDUSTRIES LTD

Asia

wipro, PARI, Accton, SAMSUNG, Elentec, it Designed to Execute, KAON, YTS Innovation Technology & Service, CHINA ISRAEL GROUP, Kuwait Oil Company

FOXCONN, Pioneer, mentech, DENTIS, DAIICHI INSTITUTION INDUSTRY CO.,LTD., SKY LIGHT, HYOSUNG, Sindoh

Vietnam

VNPT, viettel, VINFAST, FPT, Rang Dong, mobifone, LUMI

BIGL, MK group Smart Digital Security, OHSPTEK, AD-TEC Plasma Technology Vietnam, VPIC1, fab9.com Saigon Fabrication Co Ltd, intech GROUP Kiến tạo tương lai!, Kangaroo

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Founder & President

Mr. Nguyen Van Hung

Founder and Chairman of CNCTech from 2008 to present. As a decisive leader with a deep understanding of the technology industry and industrial infrastructure, and with the belief that 'nothing is impossible', he always leads CNCTech forward, never wavering in the face of difficulties and challenges.

Founder, Chairman of the Board of Directors
Executive President

- Outstanding Entrepreneur Award – Thanh Giong Cup 2026
- Third-class Labor Medal in 2023
- Top 10 Red Star Entrepreneurs of Vietnam in 2022
- Top 60 Outstanding Entrepreneurs in 2022
- Top 13 typical entrepreneurs of Vinh Phuc province in 2022
- Prime Minister's Certificate of Merit in 2019

- Chairman of Vietnam Investment & Startup Club
- Member of Red Star Entrepreneur Club
- Member of the Central Committee of Vietnam Young Entrepreneurs Association
- Member of the Executive Committee of Hanoi Young Business Association
- Chairman of Phu Tho Provincial Business Association
- Provincial People's Council Member of Phu Tho

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Dr. Nguyen Trung Kien
Vice President, CEO – CNCTech Group



Dr. Mai Anh Tuan
CEO – CNC Nexora



Mr. Dang Thanh Nhan
CEO – SMCTech



Mr. Nguyen Huu Long
Project Director – CNCTech Thang Long



Mr. Andreas Eberle
Sales Representative – European Market

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Mr. Dao Anh Van
CEO – CNC Vina



Mr. Hoang Huu Chung
CEO – Vinam Oil Tools



Mr. Vo Hong Ha
CEO – Vineco



Mr. Le Nguyen Phat Hung
CEO – Vija Technology



Mr. Diep Bao Vinh
CEO – ASV Industry



Mr. Nguyen Duc Thanh
D.CEO – SMCTech



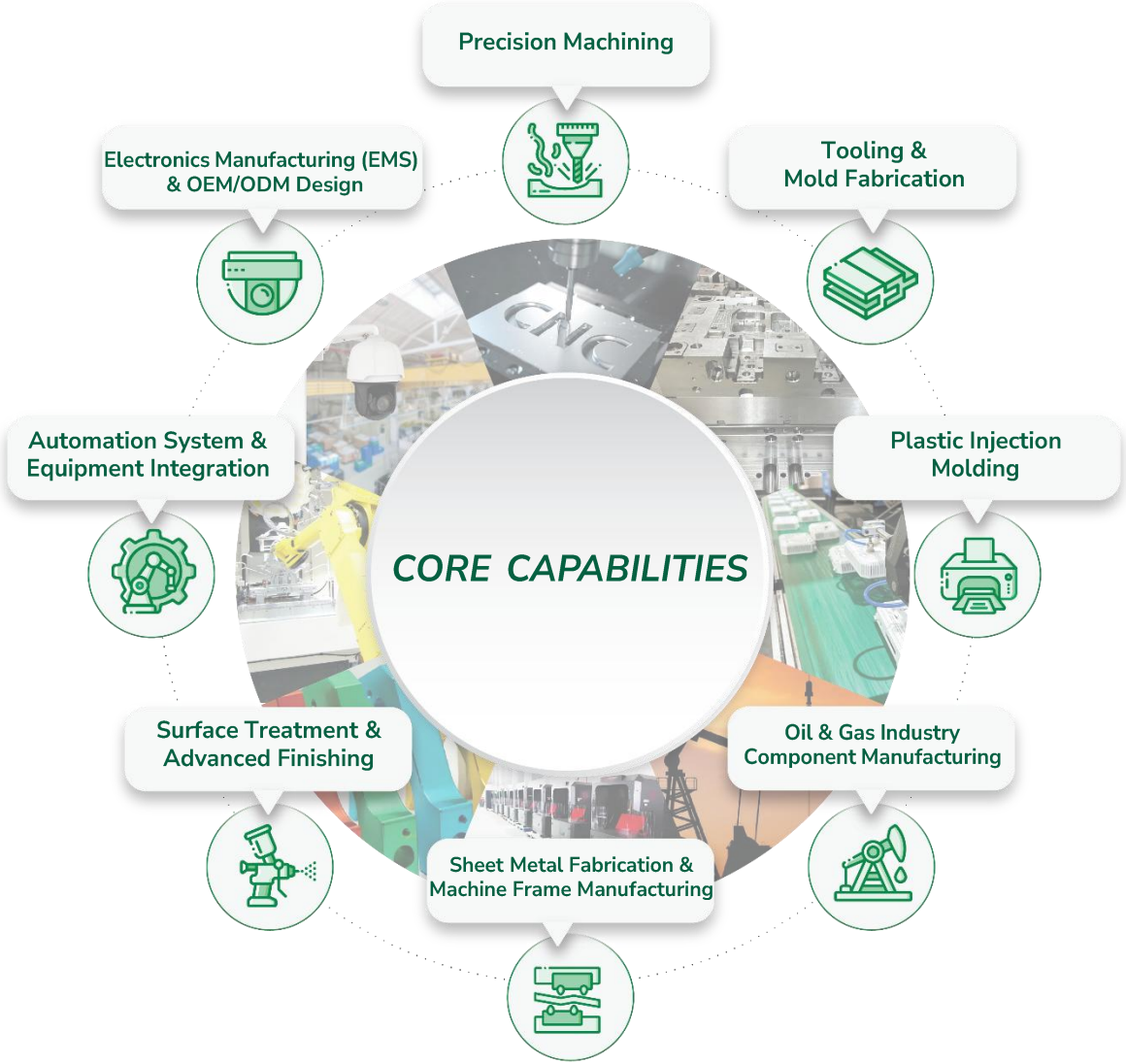
Mr. Nguyen Thanh Trung
D.CEO – CNCTech Thang Long



Mr. Ta Anh Tuan
CEO – CNCTech Sai Gon

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Integrated Manufacturing Service



Manufacturing Technology

- Manufacturing Execution System (EMS)
- Automation System Integration
- Robotic Automation Integration



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CAPABILITIES

Facilities	6 factories
Machining Centers	400+

Milling	Turning	Wire Cut	EDM
200+	75+	14	7

SIZES & TOLERANCES

Vertical Milling (max)	4,200 x 2,700 x 1,000 mm
Horizontal Milling (max)	800 x 750 x 850 mm
Turning	D481 * L1,275 mm
Tolerances	Tightest to 0.005 mm

MATERIALS

Metals	Aluminum, Titanium, Brass, Stainless Steel, Steel, Alloys, Inconel
Plastic	ABS, PC, PMMA, PEEK, PTFE (Teflon), POM (Delrin), PA (Nylon)
Preformed Materials	• Aluminum die casting • Aluminum extrusion profile • Stainless steel or aluminum investment casting (lost-wax casting) • Gravity casting, sand casting, forging

QUALITY CONTROL

- ISO 9001:2015
- ISO 14001:2015
- IATF 16949
- AS 9100
- ISO/IEC 27001 (October 2026)

INDUSTRIES SERVED


Equipment Machinery


Automation


Oil&Gas Industry


Semiconductor


Automotive


Aerospace


Medical Device







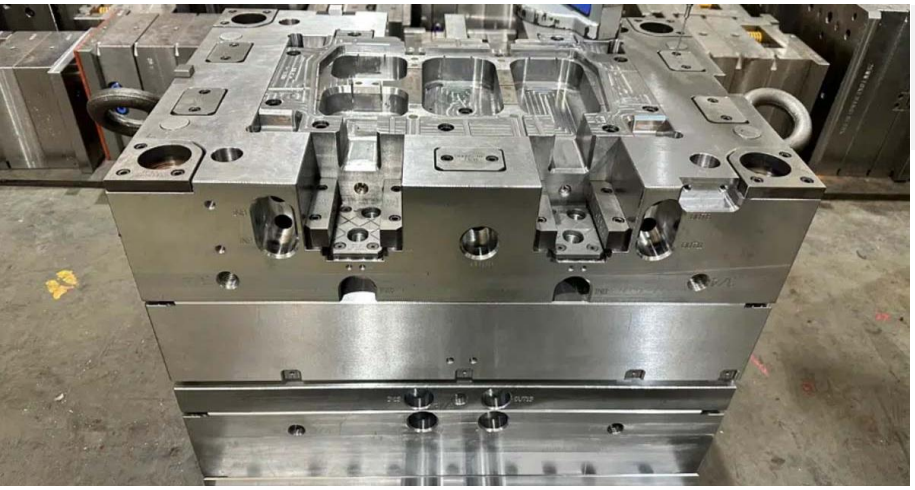


Tooling & Mold Fabrication

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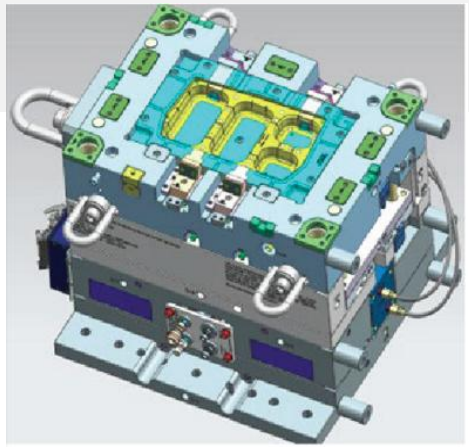


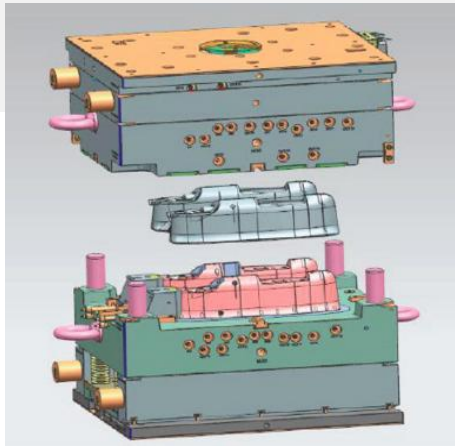
MATERIALS & STANDARDS

Standards	ASTM, JIS, DIN, GB	Product Max Sizes	1,000 x 400mm or 800 x 600mm
Tool Materials	1.2311/ 1.2738, S136, H11, H13P20, HPM7, PAC5000, FDAC, SS420, NAK80, Nimax, SKD61,...		
Mold Base	Kishin (Futaba), LKM or import, inhouse.		
Standard Component	PCS, DME, Progressive, Misumi, Punch, or import.		
Hot Runner	Mold Master, Oerlikon, Yudo, Progressive, PCS, Husky or import.		
Texturing	Nihon Etching or VDI Standards		
Surface Treatment	Nitride, TiN, TiCN, Chromate	Heat Treatment	Oil, Vacuum

MOLD CAPACITY

Plastic Mold Sizes	80 – 1200 tons
Die Casting Mold Sizes	80 – 800 tons
Capacity/ month	30 molds
Avg. Leadtimes	40 days





PROCESSES

DFM → Mold Design → CNC Machining → Quality Control → Assembly → 1st Trial → Improvement & 2nd Trial → Mold or Sample Export → Mold Warranty

Plastic Injection Molding

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Capacity

Facilities	80+ presses
Press Capacity	80 – 700 tons
Part Weight	Max 3,000g
Tolerances	As low as 0.01mm

Materials

Plastics	PEEK, PPSU, PAI, PBT, PET, PTFE, ABS, ASA, HIPS, PC, PBT, PMMA, PA, POM, and TPEE...

RoHS

REACH COMPLIANT

Quality Control

- ISO 9001:2015
- ISO 14001:2015
- IATF 16949
- AS 9100
- ISO/IEC 27001 (Expected Oct 2026)

Added Services

- Threaded inserts installation (ultrasonic or thermal)
- Machining (routing)
- Silk printing and pad printing
- Protective film application
- Assembly
- Spray painting and plating



Telecom



Automotive



Consumer Devices



Home Appliances



Medical Device

Oil & Gas Industry Component Manufacturing



MATERIALS

Nickel Alloy	Steel Alloy	Stainless
Inconel 718, Incoloy 925 & 825, Kmonel 500	4130-4145, 4340, 8620	303, 304, 316, 410, 420, 17-4ph, 13-8ph, 15-5ph
Castings	**Cobalt-titan**	**Others**
Ductile, Grey Cast, 3161	Mp35n, Stellite 6b	Aluminum, Bronze, Copper

Geared for Downhole Excellence

30,000+ hours per month of CNC machining capacity dedicated to downhole tools.

One-Stop Shop: Turnkey solutions - from manufacturing to coating, inspection (3rd party option), and assembly. All records and production data are controlled through software devices. Committed to securing all customer assets and adhering to NDAs.

Ready when you are, for whatever you need. Ready to commit to both short-term and long-term projects.

SERVICES

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Precision Machining

- Turning
- Multi-Axis Machining
- Honing
- CNC EDM & Wirecut
- Deep Hole Drilling

Assembly & Testing

- Packers
- ICDs
- HMICDs
- Indexing Half Mole Shoes
- Ball Valves
- Safety Valves

Coating

- Baked Molykote
- Xylan Coating
- Copper Coating (Plating)
- Manganese Phosphate & Zinc Phosphate
- Industrial EP2 Epoxy Painting
- Precision Sand Blasting
- (Surface Preparation) HVOF

Heat Treatment

- Carburizing
- QPQ (Salt Bath Nitriding)
- Gas Nitriding
- Vacuum Quenching
- Laser Cladding
- Hard Banding
- Robotic Welding

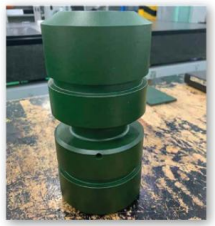
Other Services

- Sand-blasting
- Robot Welding
- 3D measurement
- Testing:
  - High Pressure Test
  - Break-up Test
  - Shear Test
  - Functional Test
  - Ultrasonic Test

- Threading & bonding:
  - Premium thread types (e.g., VAM, New VAM, JFE)
  - Rubber bonding)
- Inspection & Testing:
  - NDE (Non-Destructive Examination)
  - 3rd-party witnessing
  - Certified material lab services



Copper Plating



Molykote Xylan Coating



Induction Hardening



Phosphating



CPQ, Carburizing, Nitriding



Premium:
VAM, Hunting Tenaris,
JFE, NOV Connection



NDE, Testings



Rubber Boding,
Niflon Coating

Sheet Metal Fabrication & Machine Frame Manufacturing

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Capacity

4,200h/ month	5,600h/ month	37,400h/ month	40,000 m²/ month
Fiber laser cutting & CNC Punching	CNC Bending	Welding & Integrated	Powder Coating & Spray Painting



Laser cutting
5 laser cutting machine



Punching/ Stamping
11 machines



Bending/ fastener inserting
14 machines



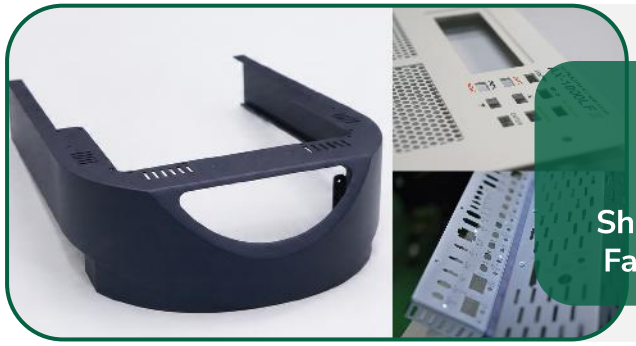
Welding
42 machines



Surface treatment & finishing
7 coating line



Assembly, OQC & Assembly



Sheet Metal Fabrication

- Aluminum (5052, 6061)
- Cold-rolled steel (SPCC)
- Electro-galvanized steel (SECC)
- Hot-dip galvanized steel (SGCC)
- Stainless steel (304 / 316)
- Brass, copper

- Fiber laser cutting machine (**3.0-6.0K**)
- Press brake machine (**130 tons/3.1m**)
- Turret punch press machine
- Stamping
- TIG, MIG, Fiber laser welding machine
- Powder coating, Spray painting (**max 1.8m x 1.8m x4.5m**)
- Anodizing, Alodine coating, Silk screen printing



Machine Frame Fabrication

Materials & Standards

- Carbon steel (SS400, S235, S355)
- Stainless steel (304 / 316)
- Aluminum alloys (6061, 5052)
- Alloy steel (for high-strength structures)

Services

- Aluminum cabinet, fixtures
- Stainless Steel/Steel Alloy frames.
- Powder coating, Spray painting
- Anodizing, Chromate conversion coating.
- Sandblasting, Hairline brushing
- Silk screen printing.
- MIG, TIG and Fiber laser welder

Surface Treatment & Advanced Finishing

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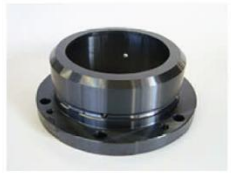
ISO 9001 : 2015

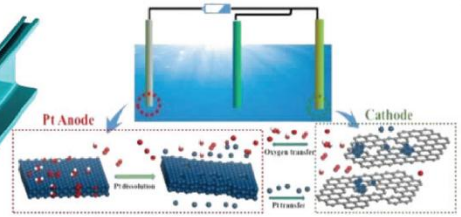
FDA

RoHS 2002/95/EC

Surface Activation (inhouse)

- Blackening Treatment
- Anodizing
- Hard Anodizing
- Electrochemical Activation



Coating & Painting (inhouse)

- Powder coating line
- Spray painting

Industrial Plating (outsourcing)

- Hard Chrome
- Alloy Plating (Sn-Co Black, Cu-Sn White)
- Eco White







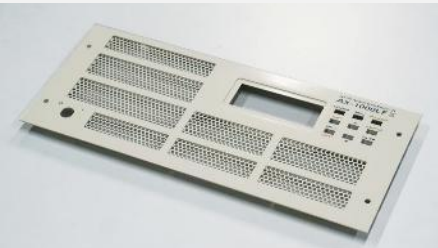



Added Services (inhouse)

- Silk Screen Printing
- Pad Printing
- Sandblasting
- Laser Etching
- Heat Treatment
- Cleaning Ultrasonic

Etroplating (outsourcing)

- Electroplatec Zinc Plating
- Electroplated Nickel Plating
- Nickel-Chrome Plating
- Copper-Nickel-Chrome Plating
- Electroplated Nickel Plating
- Nickel Plating

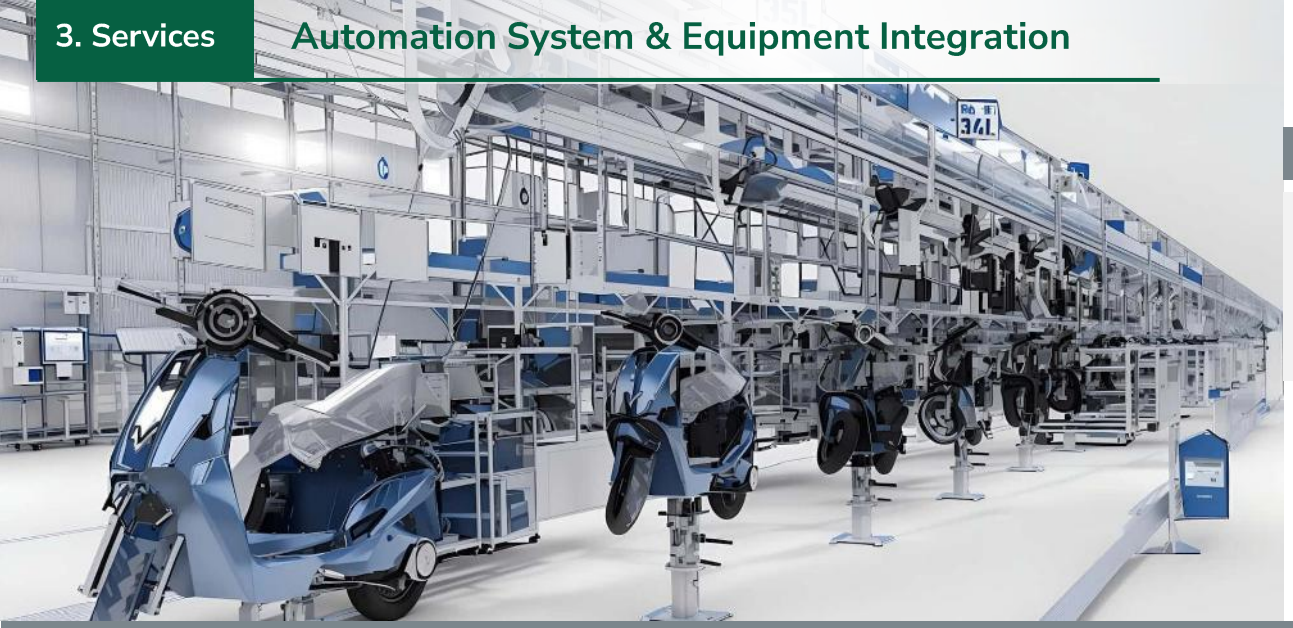








Automation System & Equipment Integration



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Process

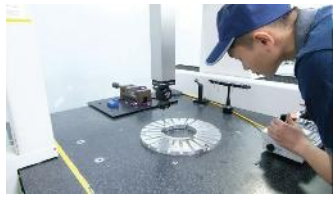
Design

With a manpower up to 50 mechanical, electrical engineers, we always sprovide our customers with the best design solutions forustomer's products.



Quality Control

Material certification and testing. Batch inspection, 100% inspection with test report (on request) Equipments: CMM, Hardness tester, Surface roughness tester, XRF analyzer...



Machining

We manufacture precision components, mechanical assemblies, and machine structures for automation systems. Our flexible machining capabilities support both prototyping and mass production with consistent quality.



Assembly

We apply a management system to factories to help control product quality as well as control the best assembly and delivery schedule.



Application

- Industrial automation
- Food industry
- Assembly line inspection
- Automotive
- Mechanical industry
- Robot Integrated Line
- Garment industry
- Paint line automation
- Medical Field
- Electronics industry
- Machining
- Sorting and Packing Line

Factory

CNC VINA
CNCTech Sai Gon (opened in 2026)



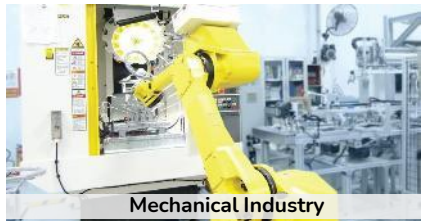
Products


Smart Factory


Paint Line


CNC Manufacturing


Electronic Industry


Mechanical Industry


Automobile and Motorcycle


Garment Industry


Packing Line

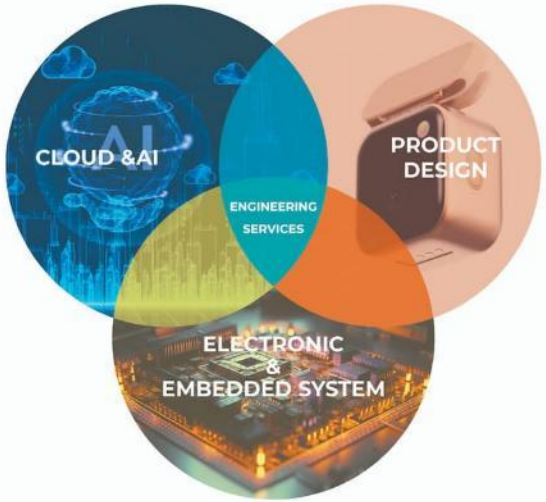

Food Industry

Electronics Manufacturing (EMS) & OEM/ODM Design

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ODM/OEM

- Mobile & desktop apps
  UX/UI & Web
  Cloud services
- PCBA
  Firmware
  Valuation test & NPI
- Industrial design
  Structure design & simulation
  Tooling



- 10 SMT LINES
- 18 ASSEMBLY LINES
- 160 INJECTION PRESSES
- 500 MOLDS / YEAR

Quality Assurance

A Vietnamese factory that meets global standards

RoHS 2002/95/EC
IEEE
ISO 9001 2015 CERTIFIED
ISO 27001
CE FC



Products

pavana Smart Security Camera | SKY SLIGHT | mentech | VINECO

Home Camera



Public Security Camera



Specialized Camera



Smart Home



Telecoms



Adapter / Charger



Electronics Manufacturing (EMS) & OEM/ODM Design

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Process



1. Automated SMT lines using Yamaha and Panasonic machines
2. Wave soldering with Tamura equipment
3. Manual assembly and hand soldering for customized components
4. Date code printing, PCB separation, lead forming and cutting
5. Functional and visual inspections using AOI, ICT, FCT, and X-ray
6. ESD-safe packaging and environment-controlled warehousing

Services

- Production, outsourcing, and assembly of telecommunications systems
- Installation of telecommunications systems
- Optimization of mobile networks (2G, 3G, 4G)
- Project and human resource management for telecom projects

Quality

QUACERT JAS-ANZ
ISO 9001:2015

ISO	9001 : 2015
ISO	14001 : 2015
ISO/IEC	27001 : 2013

As a trusted production partner for both domestic and international clients, offering full-package EMS from sourcing components, assembly to inspection and delivery. We manufactures a wide range of Printed Circuit Boards (PCBs) for applications in:

- *Telecommunications*
- *Automation systems*
- *High-tech equipment*
- *Consumer and industrial electronics*

Capacity





3 SMT Lines		1 Wave soldering line
Yamaha & Panasonic Mounters	160,000 chips per hour	Tamura Wave soldering machine
PCB Size: L50 x W50 ~ L640 x 460mm	Component size: 0402mm ~ 32x32 mm	

Test Facility			
Automotic Optical Inspection (AOI)	X-ray	Function test (FCT)	In Circuit Test (ICT)

Others				
Date code printing	PCB separator	Automotic lead cutter	Lead forming & cutting	Jumper wire forming & cutting

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CNCNEXORA

Build here. Scale Globally

The deep-tech innovation arm of CNCTech Group
bridging precision manufacturing with core technology ownership.

Semiconductor & IC Design

End-to-end ASIC design:
Analog, Mixed-Signal & RF nodes

Key applications:
Motor Drivers, PMIC, RF Modules

Target industries:
Low altitude economy, Industrial IoT, Semiconductor Equipment

FA Lab in development
→ targeting **ISO/IEC 17025:2017** certification



Robotics & Autonomous Systems

In-house development of UUV/ROV and drone platforms

Frames:
Carbon fiber & anodized aluminum (CNCTech precision machining)

Control:
FMUv5X autopilot + proprietary RF transceiver IC

Software:
ROS2 / RTOS + AI-driven underwater navigation





High-Tech FDI Project Development

Role: Long-term technical development partner

Value Package for investors:

- Prime industrial infrastructure
- Integrated local supply chain: machining, EMS, sheet metal
- On-site R&D support & product adaptation (first 6–12 months)
- Customized high-quality engineering talent pipeline

University partnerships: 4+1 co-training model + Shared Lab

Investors served across: Semiconductor; Medical Devices, Automation, phonics...



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CNCTech Thang Long



Vineco

Phu Tho

SMCTech

Hanoi

CNC Vina





CNCTECH
Integrity | Quality | Delivery



CNCTech Binh Duong



Vija Technology

Ho Chi Minh City

Vinam Oil Tools



CNCTech Sai Gon



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The "**CNCTech DNA**" which is built upon six core values that not only shape the identity of CNCTech's people but alsoserve as a driving force to the company's sustainable growth.

HAPINESS
Happy to serve

CREATIVITY
Agile and innovative

COMPLIANCE
Systematic and disciplined

WISDOM
Elevating knowledge

EMPATHY
Understanding and compassion

BREAKTHROUGH
Pushing beyond limits



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Kids care, catering, health and sport facilities













CNCTECH
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Support education, health care, elderly, environment protection















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THANK YOU!