



SEWON HITEC

Global leader of next technology

Anodizing

Etching

Die casting



Overview

Greetings

A company specializing in parts and materials,
from electronic to automobile parts!

A company that creates a better future amid the
center of change!

A company with technological prowess that
developed an advanced customer response system!

We believe in making the best products through quality-first management, and has excellent technology in all areas of surface treatment, including Die casting, Etching, Plating, Electrodeposition, Chromate, Anodizing, Waterborne painting and Laser processing, with the goal of becoming the world's best in everything from automobile parts to electronic products such as mobile phones and TVs. This creates splendor and elegance in the product.

We are quickly responding to customer needs through the parallel use of large-scale, small-scale production lines and mass production lines in the industry, and are ahead of cost competitiveness through efforts to improve productivity.

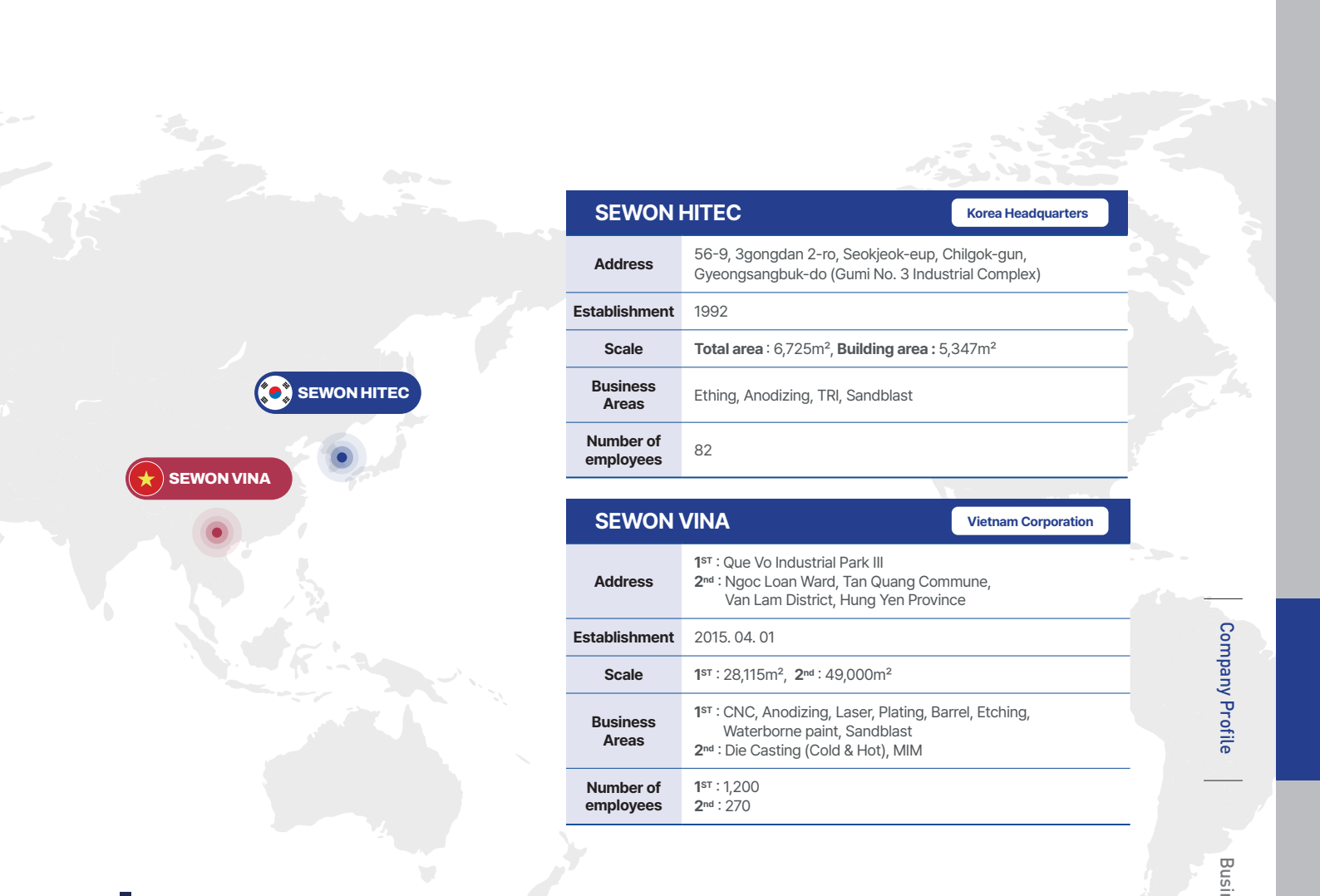
We will put customer satisfaction first through thorough quality control and innovation, and fulfill our social responsibilities and roles through eco-friendly and ethical management!

We promise to do our best to deliver the highest quality products to our customers through continuous research and development.

Thank you.

Sewon Hitec Co., Ltd.

CEO *Young Ki Jang*



SEWON HITEC		Korea Headquarters
Address	56-9, 3gongdan 2-ro, Seokjeok-eup, Chilgok-gun, Gyeongsangbuk-do (Gumi No. 3 Industrial Complex)	
Establishment	1992	
Scale	Total area : 6,725m ² , Building area : 5,347m ²	
Business Areas	Etching, Anodizing, TRI, Sandblast	
Number of employees	82	

SEWON VINA		Vietnam Corporation
Address	1 st : Que Vo Industrial Park III 2 nd : Ngoc Loan Ward, Tan Quang Commune, Van Lam District, Hung Yen Province	
Establishment	2015. 04. 01	
Scale	1 st : 28,115m ² , 2 nd : 49,000m ²	
Business Areas	1 st : CNC, Anodizing, Laser, Plating, Barrel, Etching, Waterborne paint, Sandblast 2 nd : Die Casting (Cold & Hot), MIM	
Number of employees	1 st : 1,200 2 nd : 270	

Company Profile

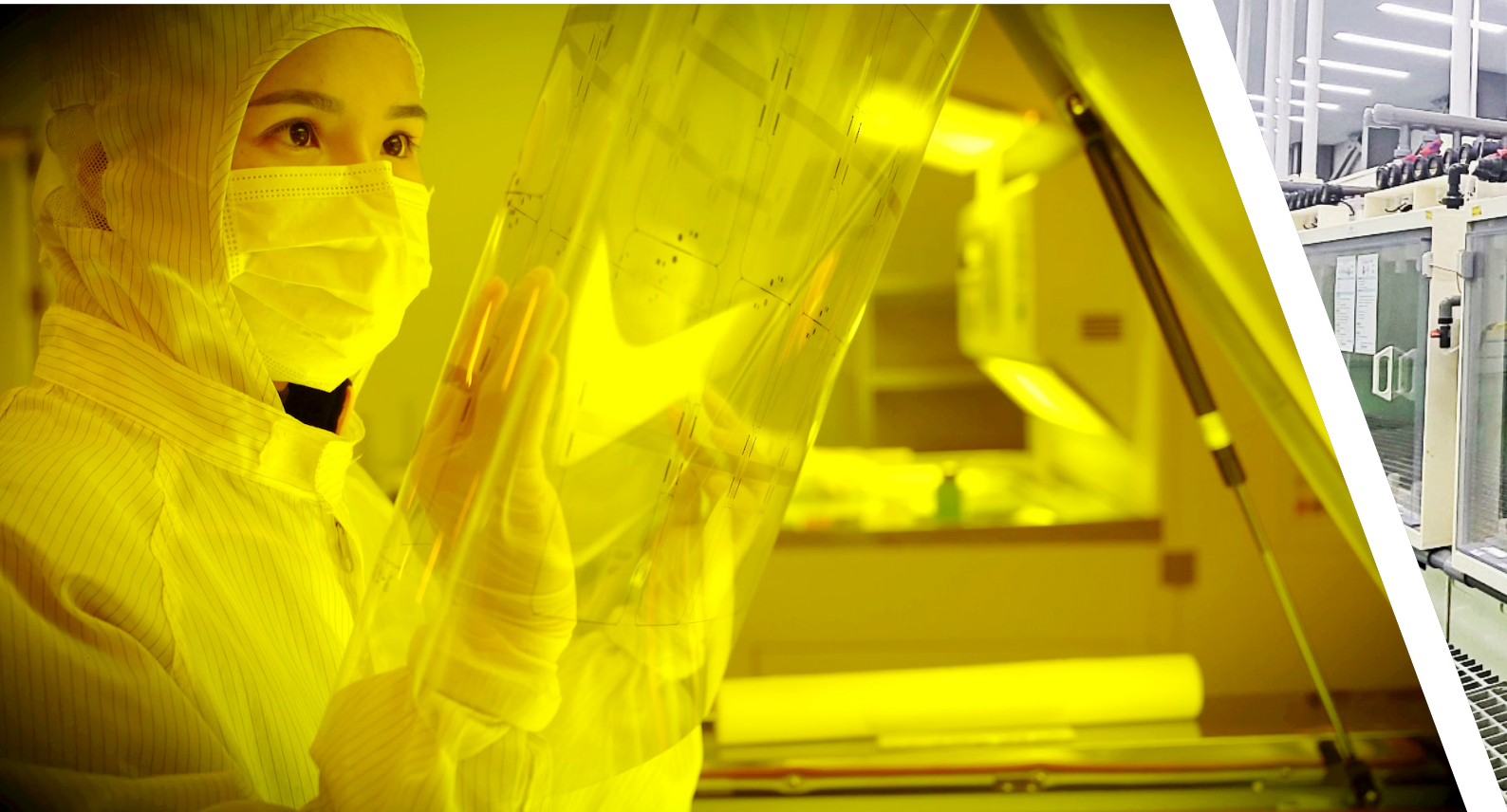
Business

Certificate & Client

History

- 1992 - Established DAEIL SPECIAL METAL Etching Division
- 2004 - Changed company name to SEWON-HITEC
- 2006 - Acquired quality management system certification
- 2007 - Incorporated as SEWON-HITEC
- 2010 - Established a second factory (Electrodeposition)
- 2012 - Moved and expanded the second factory
- 2013 - Certified as company specializing in parts and materials Acquired corporate-affiliated research institute certification
- 2015 - Established SEWON-VINA
- 2016 - Registered as instrument vendor for Samsung Electronics
- 2017 - Anodizing production for Galaxy S7, S8, and Note 8
- 2022 - Awarded for the merit of SME
- 2023 - Designated as global small giant
- Registered as 1st vendor for LGIT

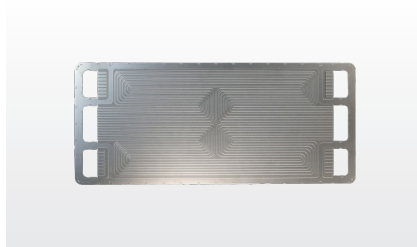
Etching

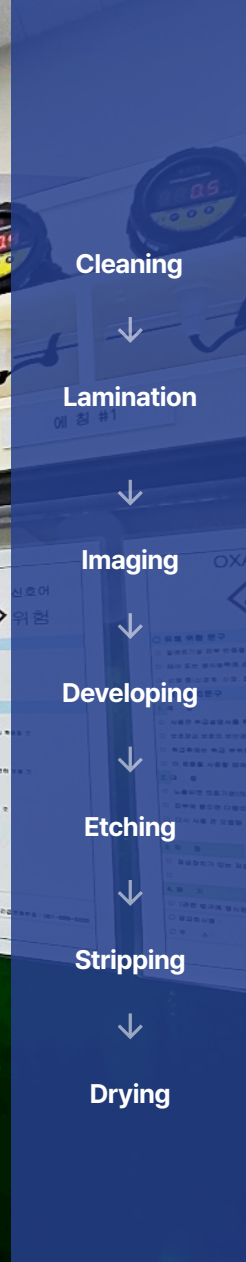


Sheet type

- Etching process using individual sheets.
- Applicable to PCB, MEMS and other precision component production.
- Suitable for small quantity and mass production of many varieties

Product





Company Profile | Business | Certificate & Client

Roll to Roll type

- Automated inline for continuous operation using metal coils.
- Ideal for mass production.

Product





Anodizing

- Aluminum and metal surface treatment processes.
- An oxide film is formed using anodizing without using a coating material.
- A variety of colors can be dyed and corrosion resistance, wear resistance, and surface hardness are improved



TRI

- Technology for bonding metal and resin without using adhesives.
- Used as anti-corrosion, pre-painting and decorative finishes.
- Used in automotive and mobile fields due to strong bonding strength, excellent shielding properties, and high mass production applicability.



Plating / Chromate Surface Treatment



- Coatings that provide corrosion resistance to metals such as aluminum, zinc and alloys.
- Improves paint adhesion and forms a conductive and decorative layer in areas requiring metal finishing.
- Coating a metal surface with a thin layer of another metal using chemical means.
- Common plating types include gold, silver, nickel, chrome, and zinc plating.
- Divided into electroplating and electroless plating.



Die Casting

Die casting is one of the important technologies for metal manufacturing in the current industrial field, producing metal parts and structures with complex geometric structures in large quantities. It is an efficient casting process to produce.



Step 1 Die Casting



Step 2 Degating



Step 3 Deburring



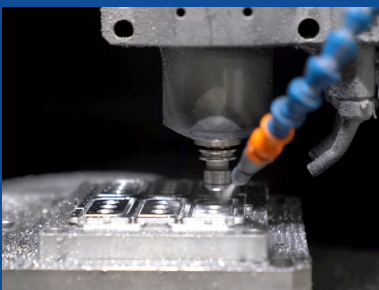
Step 4 CNC1



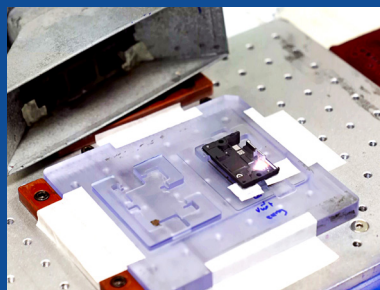
Step 5 Sanding



Step 6 Anodizing



Step 7 CNC2



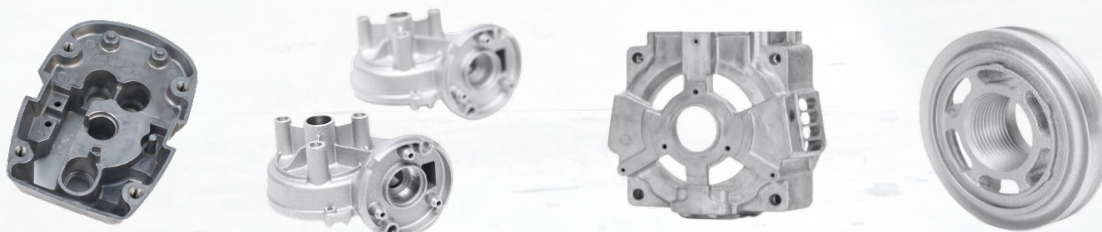
Step 8 Laser



Step 9 Inspection

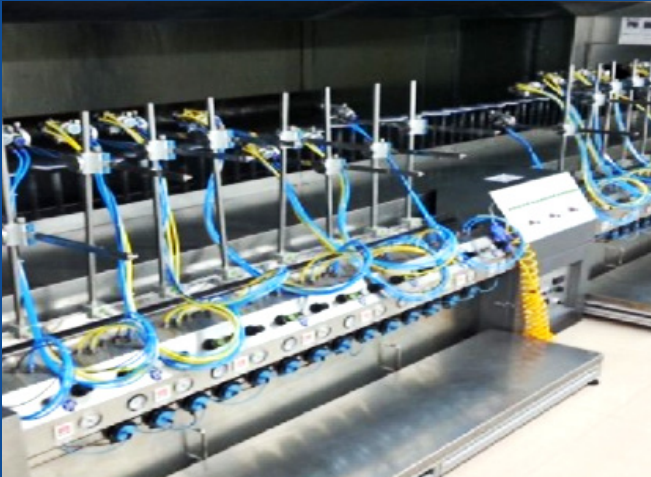


Product



Painting (Waterborne paint)

- An environmentally friendly painting process that reduces volatile organic compound emissions by using water as a solvent to disperse the resin that forms the coating.



Right Way Life
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Sandblast

- A processing method that sprays abrasives from a nozzle to refine or cut the surface of the mate.





Plate Heat Exchanger (Wet Etching)

Type of Heat Plate

HIGH-THETA PLATE

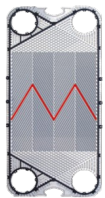
- High turbulent flow
- High heat transfer coefficient
- Perfect temperature approach
- High pressure drop

LOW-THETA PLATE

- Low turbulent flow
- Low heat transfer coefficient
- High temperature approach
- Low pressure drop



High-theta Plate



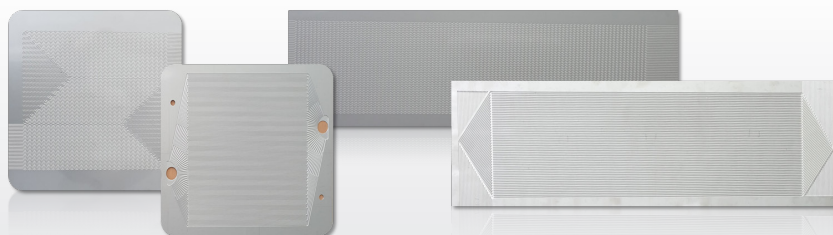
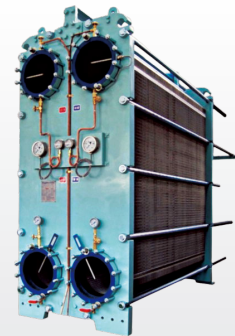
Low-theta Plate



High-theta Plate



Low-theta Plate



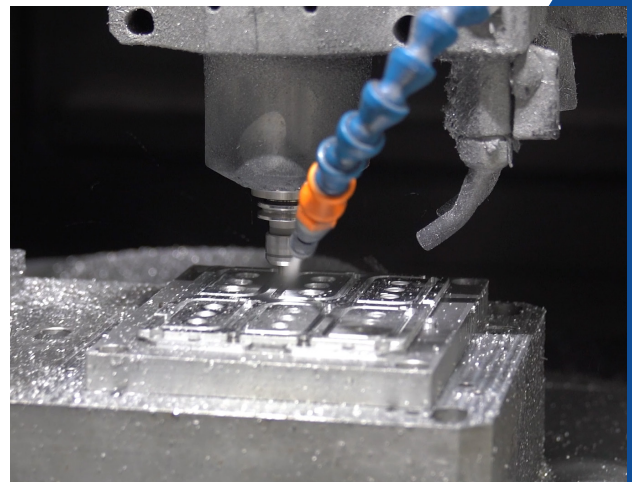
MIM (Metal Injection Mold)

- Metal powder injection molding.
- Advanced metal processing that combines the versatility and design flexibility of plastic injection molding with the strength and integrity of metal.



CNC (Computer Numerical Control)

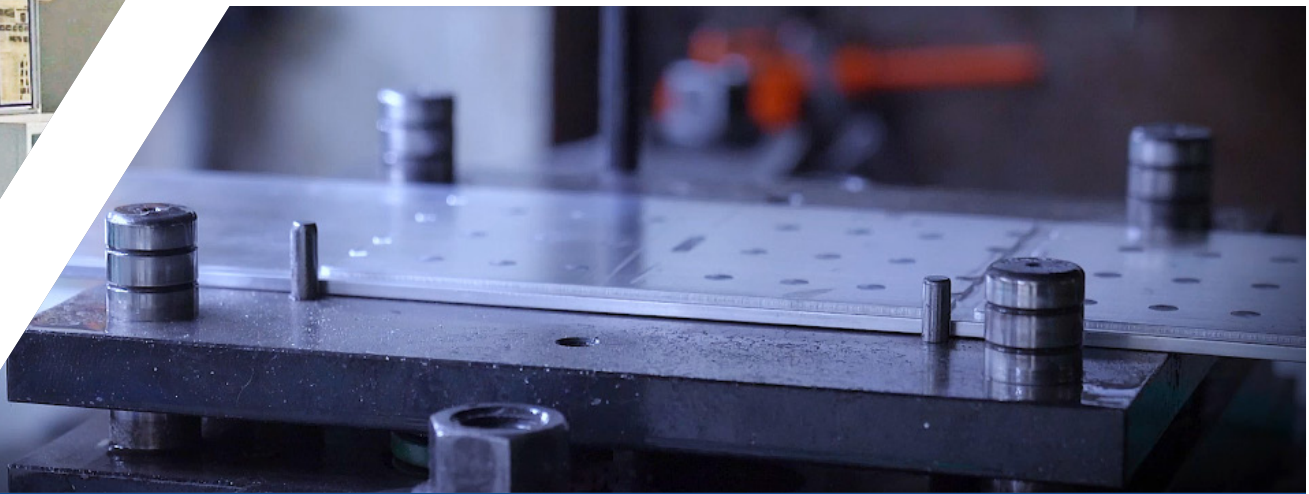
- Process of cutting raw materials and processing them into shapes.
- Highly precise machining possible.





Press Forming Process

- Press forming is a manufacturing process that involves shaping sheet metal by applying pressure to them using a press.



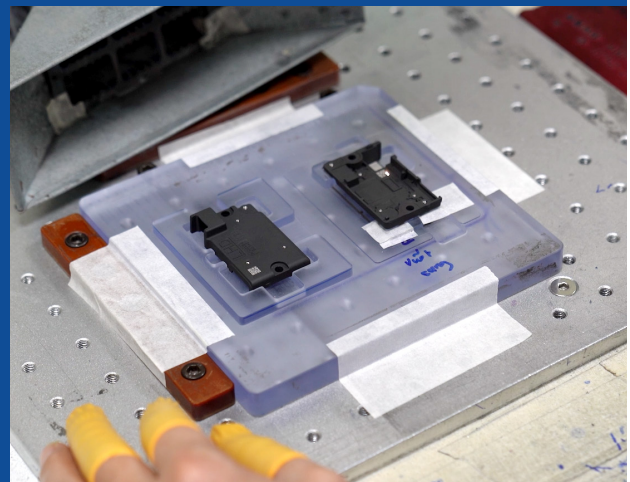
Company Profile

Business

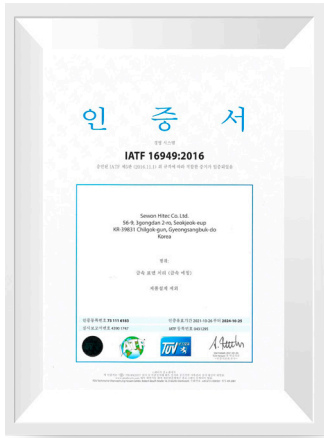
Certificate & Client

Laser Process

- A process of engraving various patterns on the surface of a product using a laser.



Certificate



IATF 16949 Certificate



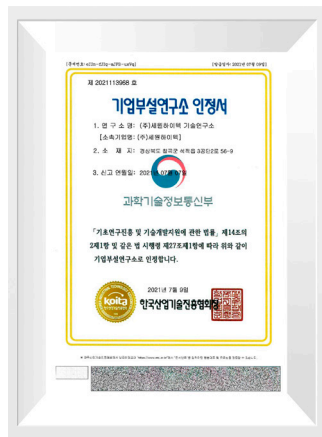
ISO9001 2015 Certificate



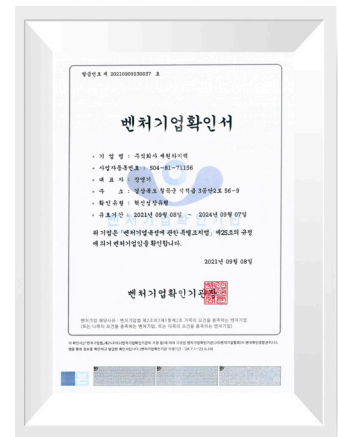
ISO14001 Certificate



Certificate of Main-Biz



Certificate of recognition for corporate research institute



Venture Business Confirmation

Client





Certificate of Design Registration



Certificate of Patent Sandblast Etching



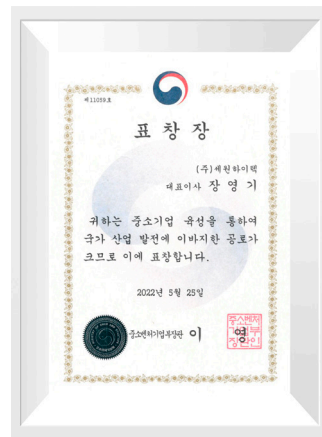
Certificate of Patent Sandblast Etching



Certificate of Patent Electropainting



Certificate of Patent Surfact Treatment



Minister of SMEs and Startups Award



SEWON VINA IATF16949



SEWON VINA ISO9001



SEWON VINA ISO14001

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