

# COMPANY PROFILE

<b>Company Name</b>	ALMEX TECHNOLOGIES Inc.
<b>Location</b>	12-8 Satsuki-cho, Kanuma-shi, Tochigi Pref. 322-0014 Japan
<b>Telephone number</b>	+81-289-76-3110
<b>Fax number</b>	+81-289-76-3117
<b>Capitalization</b>	100,000,000 JPY
<b>Founded</b>	June 1966
<b>Date of establishment</b>	spin-out from ALMEX INC. in October 2006
<b>Executive Officers</b>	<ul style="list-style-type: none"> <li>• Chairman/Masahide Watanabe</li> <li>• President and Chief Executive Officer/Tomohiro Noda</li> <li>• Executive Vice President and Representative Director/ Kimiharu Yoshida</li> <li>• Managing Director and Management Manager/ Terumi Kashiwabuchi</li> <li>• Outside Director/Hidemasa Kaneko</li> <li>• Outside Director/Masashi Aikawa</li> <li>• Outside Director/Toshihisa Yoda</li> <li>• Outside Director/Yoshihiro Kokawa</li> <li>• Full-time Audit and Supervisory Board Member/ Shogo Mochimaru</li> <li>• Outside Audit and Supervisory Board Members/ Yohei Inoue</li> <li>• Outside Audit and Supervisory Board Member/ Taro Sugimoto</li> <li>• Managing Executive Officer/Ryunosuke Masuda</li> <li>• Managing Executive Officer/Kosaku Umezawa</li> <li>• Managing Executive Officer/Katsumi Ishii</li> <li>• Executive Officer/Kazuhito Takeda</li> <li>• Executive Officer/Kazutoshi Akamatsu</li> <li>• Executive Officer/Hirohisa Kondo</li> <li>• Executive Officer/Yoshinobu Fujimoto</li> </ul>

<b>Number of employees</b>	More than 1000 employees (whole group companies)
<b>Consolidated Subsidiary</b>	<ul style="list-style-type: none"> <li>• ALMEX TECHNOLOGIES PHILIPPINES INC. (Philippine Factory)</li> <li>• ALMEX TECHNOLOGIES VIETNAM CO.,LTD</li> </ul>
<b>Business Objectives</b>	<ul style="list-style-type: none"> <li>• Surface treatment engineering for aluminum.</li> <li>• Development and sales of chemical products.</li> </ul>
<b>Main Banks</b>	<ul style="list-style-type: none"> <li>• Ashikaga Bank, Ltd., Head Office</li> <li>• Yokohama Bank, Ltd., Head Office</li> <li>• Tochigi Bank, Ltd. , Head Office</li> <li>• Toho Bank, Ltd., Utsunomiya Branch</li> <li>• Joyo Bank, Ltd., Utsunomiya Branch</li> <li>• Gunma Bank, Ltd., Utsunomiya Branch</li> <li>• San Ju San Bank, Ltd., Tokyo Corporate Banking Department Tokyo Branch</li> <li>• Tochigi Shinkin Bank, Utsunomiya Office</li> <li>• Sumitomo Mitsui Banking Corporation, Asakusa Corporate Business Office</li> <li>• Mizuho Bank, Ltd., Kaminarimon Branch</li> </ul>

**ALMEX** TECHNOLOGIES  
ALMEX TECNOLOGIES inc.

# CORPORATE PROFILE

## LOCATIONS

**Utsunomiya Office**  
12-8, Satsuki-cho, Kanuma-shi,  
Tochigi Pref.322-0014  
TEL: +81-289-76-3110  
FAX: +81-289-76-3117

**Nagano Branch**  
2674-1, Inaba, Nagano-shi,  
Nagano Pref.380-0911  
TEL: +81-26-219-8016  
FAX: +81-26-226-5562

**Chubu Branch**  
6-57, Noginomori-cho, Ogaki-shi,  
Gifu Pref. 503-0852  
TEL: +81-584-77-6065  
FAX: +81-584-77-6067

**ALMEX TECHNOLOGIES PHILIPPINES INC.**  
**New plant in the Philippines scheduled to begin operations in June 2024**

**AERIAL VIEW AT SOUTH WEST**

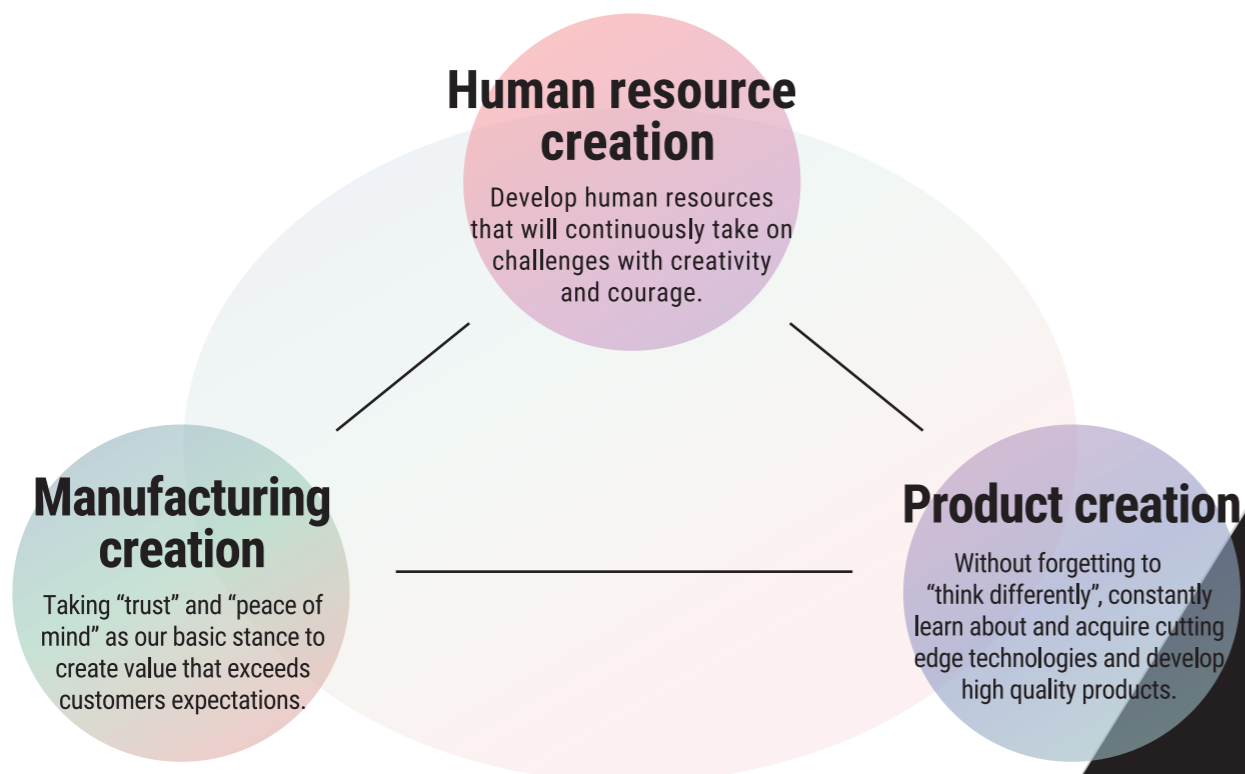
**PROPOSED FACTORY AND OFFICE BUILDING**

# RESEARCH & CREATION

Based on the words "research and creation" that we have cherished since our founding, we will always learn and absorb advanced technologies, continue to provide new value, and aim to be a company that supports technological innovation with one-of-a-kind technological superiority and an attitude of "getting it done".

President & Chief Executive Officer  
**Tomohiro Noda**

**With "Human resource creation",  
"Manufacturing creation", and "Product creation"  
at the core of our business**



## CERTIFICATE

Registration Number: EC08J0145

**ISO 14001:2015 • JIS Q 14001:2015**

Design, manufacture, sales and maintenance of surface treatment equipment and chemical-related products



## ENVIRONMENTAL POLICY

### Philosophy

1. ALMEX TECHNOLOGIES Inc. develops, designs, manufactures, sells, and maintains environment-friendly surface treatment equipment and chemical products and aims to win the trust of customers. Through our business activities, it is our objective to perform respective duties and obligations in environmental governance, in joint efforts to plan economic development, social progress, and environmental protection to realize mutual wins and sustainable development of the world.

### Behavioral guidelines

1. Be aware of the environmental impact of corporate activities at each branch, including the head office, and deeply recognize the finiteness of resources and energy, prevent pollution, use sustainable resources, mitigate climate change, and so on. We strive to adapt to climate change, protect biodiversity and ecosystems.
2. We will set targets in consideration of the environmental impact of our products, activities and services, and strive to continuously improve our management system to promote environmental awareness and eco-friendly performance.

The priority items are as follows.

- Promotion of ENERGY CONSERVATION
  - We will promote ENERGY CONSERVATION and sustainable use of resources by promoting the remodeling and relocation of equipment to customers and proposing long-term use of equipment.
  - Promote designs that use raw materials efficiently.
3. Reduce the environmental load by designing to improve the productivity of customers and developing systems that contribute to resource saving.
  4. We will comply with applicable laws and ordinances related to environmental aspects and other environmental requirements that we agree upon.
  5. We will disseminate environmental protection policies to all our employees and employees of cooperating companies that will participate in our corporate activities. We will educate and convey information regarding the impacts on the environment.
  6. We will publish our environmental policy in response to external requests.

Enactment date: November 1, 2008 / Revised date: April 1, 2024  
ALMEX TECHNOLOGIES Inc.  
President and CEO Tomohiro Noda

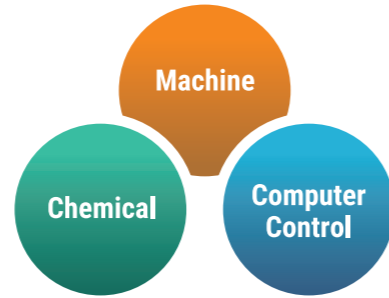
# Plating Surface Treatment

Our surface treatment technology has been developed as a comprehensive system in which mechanical equipment and chemicals, process computer control is always integrated by high-level technology and investment. With the introduction of this development system, we have earned the great trust of our customers as a top manufacturer in the industry.

## Feature of The Plating Section

One of the most remarkable features of ALMEX TECHNOLOGIES' s plating equipment is that machine, chemical process and computer control system are always developed in sync with each other to form a comprehensive system.

We founded the surface treatment lab in Utsunomiya Factory that has implemented a unique development system in the surface treatment to realize a total service for customers.



## Vertical Continuous Plating(VCP)

Plating equipment (Cu) with full-automatic carrier for printed wiring board.



### Feature

1. Various device compositions according to different product specifications.
2. Anti-pollution technology without actuators on the tank.
3. Quality improvement by submerged regular jet system and precision filter etc.
4. Simple configuration for anode supply, checkup and maintenance.

### Option

#### Automatic Removal Equipment

- Board grip width: 10mm from the upper side of board
- Correspondence board thickness: 0.06 - 2.2mm
- Correspondence board size: W340-510xH400-620mm

#### Wash and dry conveyor equipment

- Correspondence board thickness: 0.06 - 2.2 mm
- Correspondence board size: W340-510xH400-620mm
- With automatic receipt machine

## Plating Carrier Equipment

Plating equipment (Cu, Ni, Sn-Pb, etc) with full-automatic carrier for printed wiring board.



### Feature

1. High accuracy for hoisting and stopping.

### Option

1. Stock Yard
2. Automatic Loading System
3. Automatic Unloading System
4. Automatic throw Device, Automatic Receiving Device

# PRODUCT

# Aluminum Surface Treatment

In the process of making treatment products from aluminum ingots, an automated carrier system is essential to anodize tens of thousands of aluminum products of all shapes and sizes, according to specific procedures that vary from products to products. We have developed various kind of original automated carrier system and have sold these to various plants not only to domestic customers but also abroad, in places such as China, Southeast Asia, the former Soviet Union, etc.

## Alumite Treatment Facility and Equipment

To meet the diversifying needs of customers and to realize better quality and speedy delivery, we actively implemented advanced factory automation (FA). During the Japanese housing boom of the early 70' s, we established a reputation as an important manufacturer in the industry by providing a large quantity of high-quality aluminum sashes. Since then, ALMEX TECHNOLOGIES has continued to set new records in both fields of R&D and productivity. Furthermore, we are playing a lead part in various fields, such as aircraft category, vessel, panel, coil, hard alumite treatment equipment, and paint application equipment.

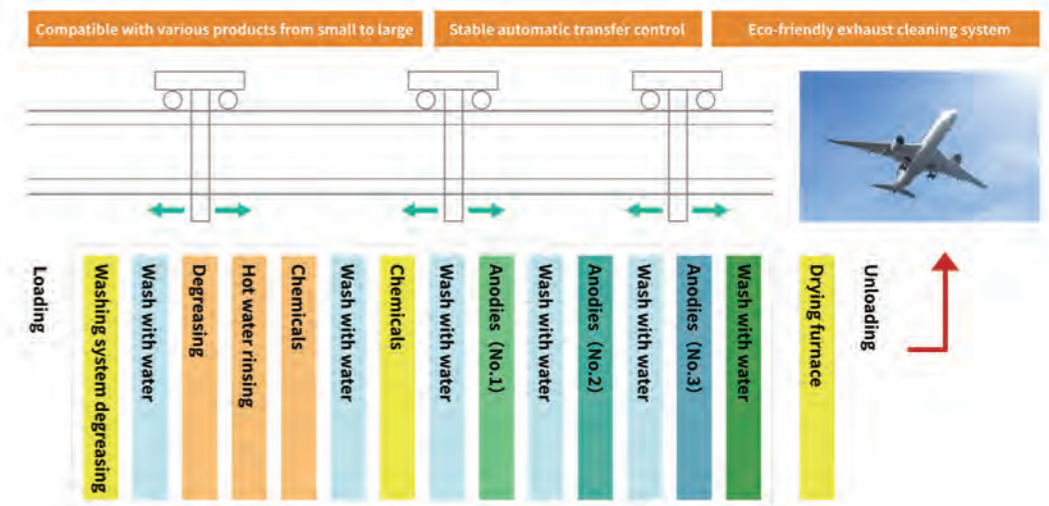


## Aircraft Parts Treatment

ALMEX TECHNOLOGIES has won a lot of confidence to supply a large number of AL surface-treatment systems for flight components and Chem-Mill recovery systems to many aircraft manufacturers in the world. Based on its reliance, we provide you high quality environment-friendly equipment with high operation stability.



### Aircraft materials, multipurpose AL surface treatment line for parts



In the midst of rapid technological innovation in electronics, surface treatment technology is required to meet higher-level demands as a key technology for quality improvement, productivity improvement, resource reduction, and running cost reduction. As the best partner for our customers, we provide detailed equipment technology (hardware), chemicals (softness), and maintenance (after-sales follow-up) that make full use of our unique technology during difficult times. We also provide technical services.

## Jigs remover/Palladium remover

We provide high-performance jig stripping liquid that is indispensable for copper sulfate plating processing equipment.

### Hydrogen Peroxide-Sulfuric Acid Type

It exfoliates the copper which deposited in the stainless steel jigs. It also excels in the stability of a hydrogen peroxide, increases exfoliation velocity and the controls development of sulfuric acid mist.

#### PTH-930S

Even if the copper concentration in a bath is high, disassembly of a hydrogen peroxide is remarkably low, and it is possible to make the amount of the hydrogen peroxide used into the decrease of the minimum.

#### PTH-940

It excels the stability of a hydrogen peroxide also in the high copper concentration range, and exfoliation velocity is quick.

#### PTH-940NM

It uses together with stabilizer PTH-900 or PTH-940, and produces a prolonged sulfuric-acid-mist preventive effect.

#### PTH-Palladium

It is possible to remove the palladium which deposited in the SUS basket and SUS jigs, also takes up the palladium which dissolved into liquid by using together with PTH-940.



### Nitric Acid Type

Based on Nitric acid and exfoliates of copper, tin, and pewter.

#### PTH-970

It controls a development of NOx gas harmful to the body, and improves effect of exfoliation velocity.

#### PTH-970NM

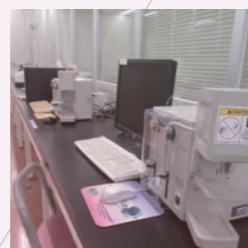
It excels in mist prevention. It uses together with PTH-970 if needed.

**In addition to in-house developed and manufactured chemicals, we also offer a wide range of OEM chemicals, affiliated chemicals, and agency chemicals.**



#### For printed circuit boards and package boards

- Jigs remover
- Palladium remover
- Copper sulfate plating chemicals(Through hole/Via filling)
- Inorganic salts
- Anodes(Copper(II) oxide/Copper balls,etc.)
- Analysis equipment/Analysis reagents
- Other plating-related chemicals in general



#### For gravure cylinders

- Copper sulfate plating chemicals
- Chrome plating related chemicals
- Pit prevention agent
- Inorganic salts
- Anodes(Copper balls/Nickel plate,etc.)
- Analysis equipment/Analysis reagents
- Other related chemicals in general

# PRODUCT

We provide a totally reliable service for customers.

ALMEX TECHNOLOGIES always has a reliable management system in order to offer a professional post-delivery maintenance service based on TPM (Total Productive Maintenance) system as your best partner.



### Maintenance

- Our customer service is placed in different areas around the country making it convenient for our customers.
- Regular preventive maintenance is essential for the surface treatment equipment. If the corrosion problem persists or sudden failure happens, we can provide prompt action to solve the issue. We have a special maintenance section that strives for recovery in the shortest amount of time equipped for sudden failures.
- We can support other equipments (competitor's products) both domestic and foreign.

### Parts Sales

- We procure components cheaper from abundant roots in an expeditious way.
- We can manufacture components of existing equipment with quick delivery by control of drawings.

### Jigs Sales

- We can design and manufacture various jigs for customer request.
- We are studying how a copper jig with price fluctuation that can be use at a lower price but durable.

### Customize

It is necessary to change equipment to abide and keep up with the latest trends and upgrades based on production process, convenience, service condition and environmental measure. By using state-of-the-art technology, ALMEX TECHNOLOGIES meets customer requests and customization of an existing line to the latest one. Our company offers Trinity System to our maintenance service that offers integrated mechanical equipment with chemical process and computer control for stable operation.