

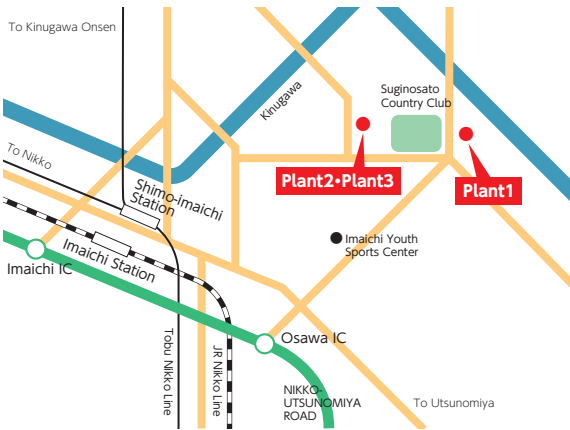
Nichido Seimitsu Limited

[Manufacturing Division of HAKKI Sangyo Co.,Ltd.]

The parts we manufacture reach across the world – from the depths of the ocean to the vastness of space.

We are a manufacturer of high-quality processed metal products, primarily oxygen-free copper and stainless steel. Our components are essential in communication systems, industrial machinery, electric power equipment, air conditioning units, and more. With a portfolio of over 100 product types, we support advanced technologies and infrastructure around the world.

- Capital 10 million yen
- Representative Director Takashi Tanimoto
Executive Managing Director Atsushi Iramina
- Head Office & Plant1
1007 Shionomuro-cho, Nikko-shi, Tochigi 321-2351
TEL 0288-26-8341 FAX 0288-25-5417
- Plant2
2127-11 Shionomuro-cho, Nikko-shi, Tochigi 321-2351
TEL 0288-25-6070 FAX 0288-25-6071
- Plant3
2127-9 Shionomuro-cho, Nikko-shi, Tochigi 321-2351
TEL 0288-25-5586 FAX 0288-25-5587



<Main Equipment(unit)>

- | | |
|-----------------------|-----------------------|
| • Miyano LK-03W (2) | • Miyano BNC-42C7(1) |
| • Miyano GN-3200W(6) | • Miyano BNA34S(2) |
| • Miyano BNC-34C5(1) | • Miyano BND-51SY2(4) |
| • Miyano BNE-34SY5(1) | • Miyano BNJ-51SY5(2) |
| • Miyano BNJ-51SY6(3) | • Miyano BJ20 (2) |
| • Miyano LX-08E3(1) | • Miyano BNA-42SY5(2) |
| • Miyano BNA-42CY5(1) | • Hasegawa C42(1) |



Plant1



Plant2



Plant3



We are a trading and manufacturing company
specializing in metal parts.
We have a global network of material
procurement and manufacturing experiences.

HAKKI SANGYO CO.,LTD

Hakki Sangyo Co., LTD

Nichido Seimitsu Ltd.
<Manufacturing division, wholly owned subsidiary>.

<https://www.hakki.jp>

We are a global partner for home appliances and device manufacturers.

We provide a wide range of metal parts for home appliances and device manufactures. They are used for microwave ovens, refrigerators, air conditioners, and other home appliances, as well as microwave-based communication devices and industrial equipment. We contribute to the modern society by supplying metal materials and parts.



Products & Services

* The products below are just a sample. Please contact us for other products.

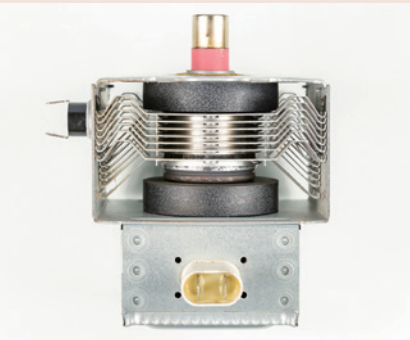
■ Procurement of materials and components made of high-quality oxygen-free copper*¹ and high-melting-point materials used for microwave tubes*² such as magnetrons*³, and processing and plating of components

- *¹ High-purity copper (99.96% or higher) that contains no oxides. Since there are no additive elements, it has a high level of thermal conductivity, electrical conductivity, and workability.
- *² Equipment that generates microwaves. Microwaves is a type of radio wave, vibrates molecules and the frictional heat of the vibrations enables clean heating. Also used in wireless communications.
- *³ Electron tubes that produce microwaves from high voltage.

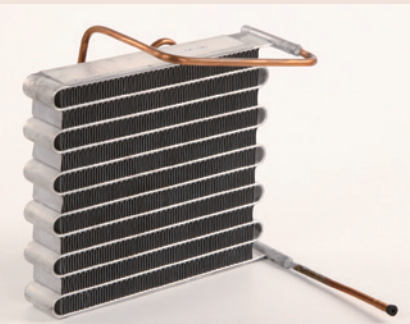
➔ Microwave tubes are used in various fields such as microwave ovens, satellite communications, various radars for marine surveillance, industrial heating, drying equipment, and semiconductor manufacturing equipment.

〈Products〉

- Anode parts (anodes and equalizing rings for electron tubes) and output parts (exhaust pipes) made of high-quality oxygen-free copper.
- Cathode parts using high melting point materials (molybdenum cutting parts, thoriated tungsten, etc).
- Ferrite magnets, samarium-cobalt magnets, alnico magnets, neodymium magnet, etc.
- Sealing parts (metallized ceramics, gaskets), filter parts (choke coils)
- Oxygen-free copper materials for electron tubes (JIS H3510 C1011: tubes, rods, plates, strips), ASTM F68 CLASS1 materials.
- Processing of various metal materials (cutting, pressing, forging, etc.)
- Various plating treatments (nickel, copper, gold, silver).



(Magnetron)



(Microchannel Condenser)

■ Sales of materials/parts for home and commercial refrigerators

〈Parts/materials〉

- Filter dryers (Molecular Sieve) • NF evaporators (evaporators) • Various condensers
- Micro-channel condenser • Wire-condenser • Spiral-condenser
- Zinc-coated iron pipes (for heat dissipation pipes) • Copper tubes and gas charge pipes
- Aluminum pipes • Compressors • Capillary tubes • Lock ring for piping connection
- Aluminum tape (for fixing pipes)
- Heat-shrinkable tubing (for rustproofing and waterproofing of pipes)
- Aluminum foil die-cut products • Resin products
- Soldering materials (phosphor copper solder, silver solder) and flux • Various magnets
- Emblems, plastic logos • Power cords • LEDs and LED displays • Access valves (check joint)

■ Providing one-stop procurement, processing, and plating of metal materials

We undertake the entire process of material procurement, processing, and plating, and provide customers with the final processed products they need.

For oxygen-free copper for electron tubes (JIS H3510 C1011), we always have copper tubes, rods, sheets, and strips in stock in-house, enabling us to shorten the lead time from order to delivery of processed products.

➔ C1011 is used for switches, sensors, and vacuum breaker valves for air conditioners, bullet trains, eco-cutes, soft ice cream makers, etc.



(Metal products)



<Company Profile>

■ Capital 20 million yen

■ Officers Chairman of the Board Takashi Tanimoto
President Jun Iramina
Director Satoshi Ota

■ History

- 1994 Established in Hatogaya City, Saitama Prefecture (Capital: 3 million yen)
- 1996 Increased capital to 20 million yen
Reorganized as HACHIKI SANGYO CO.,LTD.
Head office relocated to Shinagawa-ku, Tokyo
- 2004 Obtained ISO 14001 certification
- 2004 Established a branch in Kusatsu City, Shiga Prefecture
- 2008 Established a branch in Nikko city, Tochigi Prefecture
- 2011 ISO9001 certification
- 2023 Built a new factory

■ Offices

Headquarters:
14-1, Minami-Shinagawa 6-chome, Shinagawa-ku, Tokyo 140-0004, Japan
TEL 03-5461-0090 FAX 03-5461-0094

Kusatsu Branch:
Uno Bldg 3F, 3-5 Nishioji-cho, Kusatsu-shi, Shiga 525-0037, Japan
TEL 077-563-1499 FAX 077-563-1509

Nikko Branch:
2127-11 Shionomuro-cho, Nikko-shi, Tochigi 321-2351
TEL 0288-25-6576 FAX 0288-25-6577

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<Main customers> Company names are in no particular order.

【Domestic】 Panasonic Corporation Living Appliances and Slutions Company／Canon Electron Tubes & Devices Co.,Ltd.／Toshiba Hokuto Electronics Corporation／Hitachi Grobal Life Solutions, Inc.／Saginomiya Seisakusho, Inc.／FURUNO ELECTRIC CO., LTD.／PURPOSE CO., LTD.／Nisshinbo Micro Devices Inc.／NEC Network and Sensor Systems, Ltd.／Hitachi Industrial Equipment Systems Co.,Ltd.／DAIWA INDUSTRIES LTD.／Toshiba Infrastructure Systems & Solutions Corporation／Meidensha Corporation／Mitsubishi Electric Corporation

【Outside of Japan】 Toshiba Hokuto Electronic Devices(Thailand) CO.,LTD.／Samsung Electronics(M) SDN.BHD.／Thai Samsung Electronics CO.,LTD.／Panasonic Kitchen Appliances Technology(JiaXing) Co., Ltd.／Panasonic Home Appliances Refrigerator (WUXI) CO.,LTD.／Panasonic Appliances Vietnam CO.,LTD.／Panasonic do Brasil Limitada.／Panasonic Appliances Mfg.Phils.Corp.(PMPC)／Panasonic Appliances Refrigeration Devices Malaysia Sdn.Bhd (PAPRDMY)／Hussmann Technologies Corporation of America.／Panasonic India Pvt.Ltd.(PI)／Danfoss Saginomiya Sp.z o.o.／Teka Portugal,S.A.

<Main Suppliers>

Mitsubishi Materials Corporation, KMCT Co., Ltd.

Other domestic and overseas suppliers (in China, Taiwan, Malaysia, Thailand, India, Korea, Italy, Germany etc)

<Main Banks>

Mitsubishi UFJ Bank Oi Branch, Shoko Chukin Bank Tokyo Branch, Mizuho Bank Omori Branch