# CHUO ENGINEERING CO., LTD. OCHUO



Address	Nitta Building, 1-17-23 Meieki-minami, Nakamura-ku, Nagoya, Aichi, 450-0003, Japan
Tel	+81-52-611-2919
Email	contact@chuo-eng.co.jp
Website	https://www.chuo-eng.co.jp/english/
Contact Person	Toru Shitani Operating Officer, General Manager of Aerospace Division
Capability Category	<ul><li>Aircraft Design Engineering Services (Structural Design &amp; Analysis, Testing)</li><li>Manufacturing Testing Equipment</li></ul>
Representative	Yutaka Ishida, CEO & President
Sales Amount	7.1 billion yen (as of the end of March 2025)
Capital	116 million yen (capital reserve is included)
Employees	547 (as of the end of April 2025)
Established	September 1995
Certification	JIS Q9100, ISO9001
Major Customers	MHI group, KHI group, IHI group, JAXA, SUBARU, HONDA group, Airbus Helicopters Japan

# **■ BUSINESS OVERVIEW**

Our business is focused primarily on the design and analysis of Aircraft, Rocket and Aerospace Equipment. Especially Analysis and Additive Manufacturing Solution field, our technicians meet your demand with rich experience and skills. We also provide the design and manufacture of Test Equipment.

# ■ PRODUCTS/MATERIALS/PART SIZE/FACILITIES & EQUIPMENT

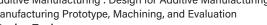
#### · Product & Services

Design Engineering: Structure, Equipment and Jigs

Analysis Engineering: Strength Analysis, Vibration Analysis, Motion Analysis, Thermal Analysis, Fluid Analysis and Optimization

Software Sales: HyperX R&D: Test Equipment

Additive Manufacturing: Design for Additive Manufacturing, Manufacturing Prototype, Machining, and Evaluation







· Design Tools

CAD: CATIA V4 V5, CREO, Unigraphics NX-2, Solid Works, AUTO CAD, MICRO CAD Analysis: HyperX, Abaqus, Nastran, HyperWorks, Apex, Patran, Femap, ADAMS, Marc, Fluent, NASGRO

· Additive Manufacturing Facilities (Partner Company)

3D Printer: EOS M290, M400-4 (250mm×250mm×325mm, 400mm×400mm×400mm)

#### ■ OUR STRENGTH

- We are the only design company in Japan that is strong in the field of aircraft structural design analysis and is capable of high-speed structural sizing using HyperX. Sizing more than 10 times faster than conventional methods can significantly reduce costs and schedules.
- We are strong in Additive Manufacturing Engineering. We can support the whole process from selection of parts suitable for Additive Manufacturing to design proposal of new shape using topology optimization, and prototype manufacturing and evaluation.













High Speed Structure Stress Sizing by Using "HyperX"

Topology Optimization + Biomimetics Generation New Structure Design for Non Conventional Aircraft Optimization

Conventional Product Topology Optimization DfAM (Design for AM) From Topology Optimization & DfAM to AM Production

# ■ NEEDS WE CAN CORRESPOND/BUSINESS PARTNERS WE WANT

- · Customers who want Design and Analysis for Aerospace Vehicle.
- Customers who want Aerostructure Stress Sizing.
- Customers who want Additive Manufacturing Engineering Solutions.
- · Customers who want Design and Manufacture prototype by Additive Manufacturing.

#### ■ OFFICE & PLANTS

- · Head Office (Tokyo)
- · Office (Yokohama, Nagoya, Komaki, Fukuoka, U.S.A.)
- · R&D Center (Komaki)

# ELECTROIMPACT, INC.



Address	1-8-9 Meiko, Minato Ward, Nagoya City, Aichi
Tel	+81-803-502-9553
Email	rafael.dantas@electroimpact.com
Website	https://electroimpact.co.jp/
Contact Person	Dantas Rafael, Director
Capability Category	Assembly, Ground Facilities, Research & Development
Representative	Bahr Isaac
Capital	5.000.000 JPY
Employees	8
Established	March 31, 2020

## **■ BUSINESS OVERVIEW**

We are a global leader in automation solutions for the aerospace industry, and our proud clients are some of the world's leading aerospace manufacturers, including Boeing, Airbus, and Tier 1 suppliers. With over 20 years of experience in Asia, we opened an office in Nagoya in 2020 to further strengthen our support network in the region. Electroimpact is committed to providing the highest standards of engineering design and support, and is characterized by its technology-driven management structure.

## ■ PRODUCTS/MATERIALS/PART SIZE/FACILITIES & EQUIPMENT

Composites / Automated layup Automated drilling / Fastening Turnkey / Assembly line

## ■ OUR STRENGTH

Automated equipment for aerospace manufacturing

## ■ OFFICE & PLANTS

Headquarters: Washington State, USA

Japan: 1-8-9 Meiko, Minato Ward, Nagoya City, Aichi Prefecture

# KOUWA TEC CO., LTD. Knuwa

Address	13-1 Nunouchi, Tomitsuka, Ama, Aichi 490-1202, Japan
Tel	+81-52-442-0113
Email	pr-marketing@kouwa-tec.co.jp
Website	https://www.kouwa-tec.co.jp
Contact Person	Rika Hayashi
Capability Category	<ul><li> Precision processing</li><li> Prototype</li><li> Difficult-to-cut material (Titanium and Inconel, etc.)</li></ul>
Representative	President and CEO: Toshinobu Hayashi
Capital	US \$100,000
Employees	30
Established	1965
Certification	<ul><li>JISQ9100</li><li>Customer QMS Approval Certificate</li><li>SBTi (Science-based target)</li></ul>
Major Customers	Kawasaki Heavy Industries, Ltd. MITSUBISHI HEAVY INDUSTRIES, LTD. SUBARU Corporation Shinmaywa Industries, Ltd. Nippi Corporation Sumitomo Precision Products Co., Ltd.

## ■ OFFICE & PLANTS

HEAD OFFICE: 13-1 Tomitsuka, Nunouchi, Ama-shi, Aichi 490-1202, Japan







# **■ BUSINESS OVERVIEW**

#### Aerospace

- · Rib parts for aircraft wings
- · Components for satellites and rockets
- · Defense and helicopter parts

#### Semiconductor

- · Cleanroom robot components
- · Sensor bodies and chambers for gas systems

#### Medical Devices

· Spinal implant components

#### Others

• Precision parts for hydrogen and drones (from prototype to mass production)

### ■ PRODUCTS/MATERIALS/PART SIZE/FACILITIES & EQUIPMENT

#### [Materials Handled]

- · Aluminum (e.g., 5052, 7075)
- · Difficult-to-machine materials (e.g., Titanium Ti-6Al-4V, Inconel 718, 15-5PH, SUS316)
- · Others: Plastics, Aluminum Bronze, etc.
- · Castings and Forgings

#### [Supported Sizes]

Rectangular: up to 2000 mm

Round: up to Φ800

## [Main Equipment]

- · 3-axis / 4-axis / 5-axis machining centers
- · CNC lathes
- · Electrolytic polishing machine
- · 3D measuring instruments
- · Surface roughness instruments
- · 3D CAD/CAM

# ■ OUR STRENGTH

- · Capable of supporting from the prototyping stage
- From one piece to 1,000 units per month
- · Expertise in high-precision machining of difficult materials such as titanium and Inconel
- · One-stop service from material procurement to machining, surface treatment, and inspection
- · Shorter lead times achieved through jig-free and process-optimized production

#### ■ NEEDS WE CAN CORRESPOND/BUSINESS PARTNERS WE WANT

- · For companies seeking a reliable supplier offering stable delivery and consistent quality
- · For companies needing high-precision machining of difficult-to-cut materials
- · For companies looking for end-to-end support from prototyping to mass production

# KURIMOTO CO., LTD. KURIMOTO

Address	6 Terada, Kitajima, Iwakura, Aichi 482-0017, Japan
Tel	+81-587-66-8801
Email	y.kato@kmkogyo.co.jp
Website	http://www.kmkogyo.co.jp/corporate/index.html
Contact Person	Yoshiharu Kato, Corporate Officer/Sales Department General Manager
Capability Category	Automotive parts, aircraft parts, robots, energy, housing equipment, etc. Metal parts (AM, precision cutting, sheet metal pressing, etc.) Resin parts (AM, cutting, casting, molds, etc.)
Representative	Hidetoshi Kurimoto, Representative Director and President
Sales Amount	approx. USD 25.8 million
Capital	approx. USD 0.54 million
Employees	167 (as of July 2025)
Established	September 1990
Certification	ISO9001 / ISO14001 / JISQ9100
Group Name	ONTEC CO., LTD. / SANRITSU Inc.
Major Customers	Automobile manufacturers, Parts manufacturers, Aircraft parts manufacturers

# ■ SALES OFFICES

Utsunomiya / Yokohama / Hamamatsu / Hiroshima



# **■ BUSINESS OVERVIEW**

Kurimoto Co., Ltd. is headquartered in Iwakura City, Aichi Prefecture, Japan. Since our founding, we have been investing in the latest equipment and improving our technical capabilities. As a result, we are able to produce prototypes and mass-produced products with high quality, short delivery times, and low cost.

Recently, we have installed several of the latest 3D printers. In addition to manufacturing, we also sell 3D printer equipment.

#### ■ PRODUCTS/MATERIALS/PART SIZE/FACILITIES & EQUIPMENT

- Resin 3D printer: 23 units (3D systems eos Stratasys ASPECT Carbon D-MEC CMET)
- Metal 3D printer: 4 units (GF Machining Solutions Factory 500 / Flex 350)





## ■ OUR STRENGTH

- Multiple units of 3-axis and 5-axis metal processing machines
- Metal 3D printers (500×500×500mm: 1 unit / 275×275×420mm: 3 units)
- Multiple measuring instruments (contact type, non-destructive)
- Kurimoto manufactures parts with an integrated system that covers everything from mold manufacturing to parts production.

This makes it possible to produce a wide variety of products in small quantities.

#### ■ CUSTOMER NEEDS WE CAN MEET / BUSINESS PARTNERS WE SEEK

- · A broad range of 3D printing-based solutions.
- Flexible support for high-mix, low-volume production, including final products and various jigs (inspection, processing, masking, anti-vibration, etc.).
- Resin substitution for metal parts with in-house support from mold design to molding.
- · Proposals centered on metal additive manufacturing (AM) and precision cutting.

# OKAYA & CO., LTD. OKAYA

Address	2-4-18 Sakae, Naka-ku, Nagoya City, Aichi Prefecture, Japan
Tel	+81-90-9336-9502
Email	yamadasy@okaya.co.jp
Website	https://www.okaya.co.jp/en/index.html
Contact Person	Sayuri Yamada
Representative	Takehiro Okaya, President
Sales Amount	Consolidated: 1.1217 trillion yen; unconsolidated: 600.8 billion yen (year ended February 2025)
Capital	9 billion 128 million yen
Employees	Consolidated: 6,477; unconsolidated: 732 (year ended February 2025)
Established	1669
Certification	ISO9001 ISO14001 AS9120
Major Customers	MHIAEL, MHI, KHI, IHI



#### **■ BUSINESS OVERVIEW**

OKAYA & CO., LTD. engages in the Japan-based sale, exporting, and importing (including three-country transactions) of products in a multifaceted manner via the global network of the Okaya Group. These products include iron and steel, special steel, non-ferrous metals, electrical and electronic parts, chemical products, machinery and tools, piping and housing equipment, construction-related items, and food products.

# ■ PRODUCTS/MATERIALS/PART SIZE/FACILITIES & EQUIPMENT

# Shipping Management System (Procurement BPO Management Platform)

This system connects customers, suppliers, and logistics providers, enabling real-time tracking of order status, shipment progress, and product lifecycle information.

Designed specifically for aerospace parts operations, it supports customized workflows tailored to each customer's internal processes.

We would be pleased to discuss your system requirements and explore how we can support your digitalization needs.

#### ■ OUR STRENGTH

We provide comprehensive support across the entire manufacturing value chain, including procurement, processing, logistics, and quality control. In the aerospace and defense sector, we are a trusted AS9120-certified distributor with extensive experience and proven reliability. Beyond distribution, we propose and implement production equipment, process automation, and material handling systems. Through these activities, we have built strong relationships with a wide range of suppliers, enabling us to introduce reliable processing partners tailored to our customers' specific needs.

## ■ NEEDS WE CAN CORRESPOND/BUSINESS PARTNERS WE WANT

Please feel free to consult us regarding any procurement-related needs.

#### ■ OFFICE & PLANTS

Nagoya, Aichi / Tokyo / Osaka

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Address	3-308 Fujimae Minato-ku Nagoya Aichi 455-0855, Japan
Tel	+81-52-301-1801
Email	t-takagi@takagi-steel.co.jp
Website	www.takagi-steel.co.jp
Contact Person	President Tomohide Takagi General Manager of Sales Kazutaka Yamashita
Capability Category	Sales and distribution of Raw Materials, Parts, and Chemical.
Representative	President Tomohide Takagi
Sales Amount	10M USD
Capital	0.5M USD
Employees	32 people
Established	April 8, 1955
Certification	JISQ9100 (Obtained February 2022) ISO9001/14001 (Obtained January 2021)
Major Customers	[Aerospace Market] JAXA, MEIRA, Sojitz Aerospace, Niigata Aerospace, Aero, Toyo Seiko [Non Aerospace Market] DENSO, AISIN, J-TEKT, NIITA, alfa AMANO, FDK, KONICA MINORUTA, YKK, MIWA LOCK, THK NITTO KOGYO

#### **■ BUSINESS OVERVIEW**

With over 70 years of experience, our company has established itself as a trusted supplier of specialty steels and high-performance metals. We specialize in heat-resistant steels and titanium, providing a wide range of ferrous and non-ferrous materials for the aerospace industry. In July 2025, we expanded our business to include the sales of parts and chemical products, in addition to material distribution. This evolution enables us to offer a comprehensive one-stop solution for the procurement of essential materials and components across the aerospace sector. Driven by decades of expertise and reliability, we continue to support our customers with premium materials, technical excellence, and integrated supply capabilities—contributing to the advancement and innovation of the global aerospace industry.

# ■ PRODUCTS/MATERIALS/PART SIZE/FACILITIES & EQUIPMENT

#### (Material)

Provided according to AMS SPEC.

Available in various forms such as bars, plates, sheets, and tubes.

Heat-Resistant Alloys: Inconel 718, Waspaloy, A286

Titanium Alloys: Ti-6Al-4V

Stainless Steels: 17-4PH, PH13-8Mo, 15-5PH

Alloy Steels: 4130, 4140, 4330, 8740 Aluminum Alloys: 2024, 7050, 7075

[Parts]

Specifications: MS, NAS, AN, AS, BAC, DIN, MIL

Manufacturers: ALCOA FASTENER, BRISTOL, SPS, AVIBANK, etc.

Description: Bolt, Nut, Screw, Rivet, Joint, Pin, Pluq, Elbow, Tee, Bushing, Washer, Fitting, Grommet,

Reducer, Cap, etc.

[Chemicals]

Specifications: Military (MIL), BMS, FEDERAL, MIS, etc. Manufacturers: 3M, Loctite, PPG, DOW CORNING, Akzo, etc. Description: Paint, Primer, Adhesive, Sealant, Potting, Ink, etc.

#### ■ OUR STRENGTH

We have a long history of supplying materials to the fastener industry, and we specialize in handling materials that require draw bench processing, particularly A286 heat-resistant steel. Since we maintain stock for both materials and parts, customers can rely on us for stable, longterm supply of components used over extended periods.

## ■ NEEDS WE CAN CORRESPOND/BUSINESS PARTNERS WE WANT

The combined strengths of a Japanese specialty steel distributor and an aerospace trading company have been brought together in our operations.

We welcome inquiries from companies seeking one-stop procurement of materials, parts, and chemicals under the requirements of JIS Q 9100 certification.

# ■ OFFICE & PLANTS

Headquarters TOYOHASHI BRANCH SETO Factory

