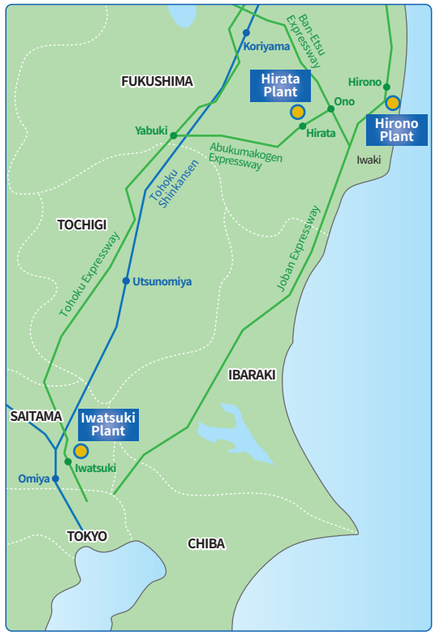
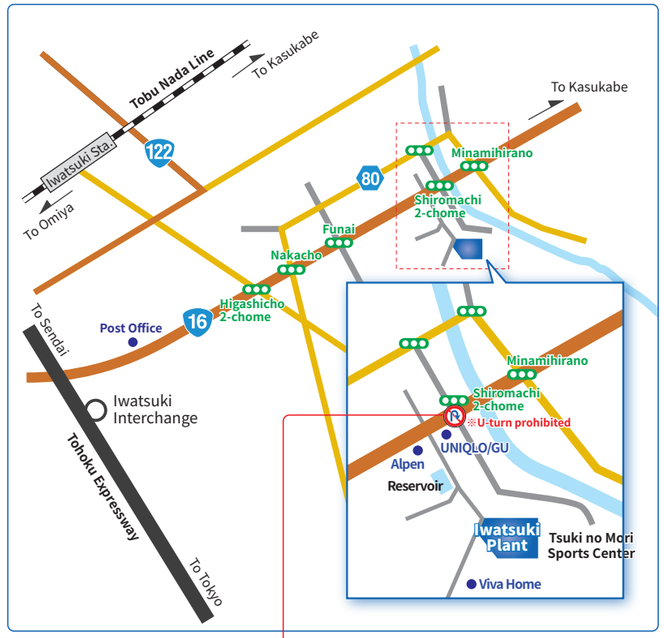
Access to our Plants

●Headquarters, Iwatsuki Plant

3-1-1 Funai, Iwatsuki-ku, Saitama City, Saitama Prefecture, Japan, 339-0042
TEL:048-797-2000

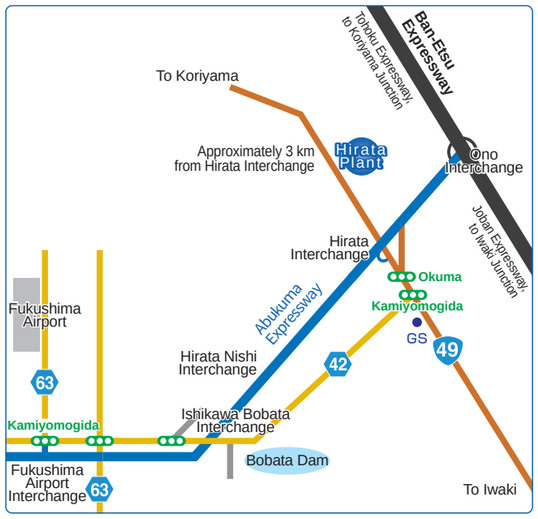




※ If you get off route 16 at the Tohoku Expressway Iwatsuki interchange, you need to turn right off of route 16, but making a right turn between the dividers on the highway is extremely dangerous because there is no traffic light. Instead, proceed to the Shiromachi 2-chome intersection, and then make a right turn there. Thereafter, make a U turn (at the Tsuki no Mori Sports Center) and rejoin route 16. Alternatively, make a left turn at the Nakacho intersection, continue until you come to the Shiromachi 2-chome intersection, and then rejoin route 16.

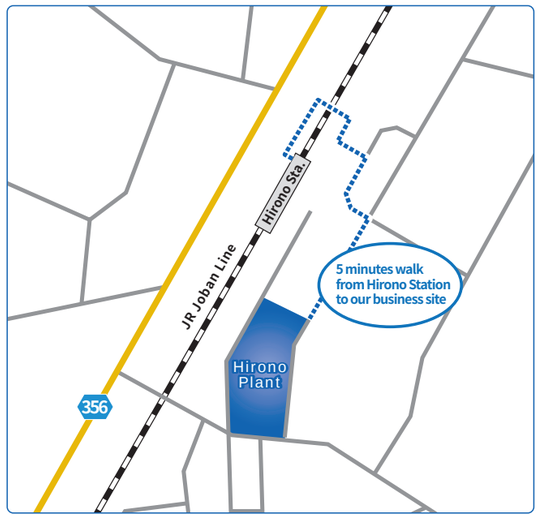
● Hirata Plant

74-3 Okashiwagi Yomogida Shinden, Hirata Village, Ishikawa-gun, Fukushima Prefecture, Japan, 963-8201
TEL:0247-55-3266



● Hirono Plant

100-2 Hironaga Shimoasamigawa Hirono-machi, Futaba-gun, Fukushima Prefecture, Japan, 979-0403



niko
NIKO MANUFACTORY Co.,Ltd.

Prepared June 03, 2025

Spirits53

Pursuit of our own way

niko
NIKO MANUFACTORY Co.,Ltd.

Certified for Nadcap "Welding" and for
JIS Q9100 Quality management for the aerospace industry

We always fulfill our promises.

Our organization and processes under the strict quality control system being in incompliant with applicable standards and being certified to the applicable standards endorse our absolute capability of satisfying your demands, not to mention the high-precision, high-quality processing with high-level requirements for aircraft and marine onboard components.

Total Quality Assurance

From our philosophy of reliability and quality assurance,
we strive to improve the quality of our business to the highest extent.

This high reliability is the result of our extensive knowledge and numerous advanced technologies accumulated over more than 70 years of continuous business, which has led to unqualified praise from our many customers.
Total Quality Assurance is a source of pride for us.
We will continue our unceasing pursuit of Total Quality Assurance for all time.

Leading-edge Welding

On top of MIL and AMS standards, being certified for Nadcap (welding) an international process certification program for the aerospace and defense industries; we practice welding in highest quality meeting the standards applied to aerospace and defense industries.

Nadcap Administered by PRI ACCREDITED
Welding : HIRATA Plant

TIG, Arc, Argon, YAG, Co2
Spot
Electron beam
Fiber laser

MIL Standards Compliant Processes
SPOT: MIL-W-6858D
MELT: MIL-STD-1595A other

AMS Standards Compliant Processes
SPOT: AMS-W-6858A
MELT: AMS-STD-1595A other

See page 6 for Welding

Unceasing pursuit of Total Quality Assurance

Niko Manufactory responds to high-level quality requirements in the aviation, space and defense fields through JIS Q 9100 quality management for the aerospace industry.
More than 70% of all our personnel diligently pursuit excellence and are certified for QC KENTEI.

JQA-AS0028
Iwatsuki Plant/Hirata Plant

See page 8 for Quality Assurance

ISO14001 ISO/IEC27001

For other products, including general civilian products, we have established management systems in accordance with the JIS Q 9100 quality standard, ISO 14001 environmental standard, and ISO 27001 information security standard.

Niko Manufactory's Combined Processing

Niko Manufactory's strength lies in its combined processing capabilities, including welding together sheet metal and machined metal products, beyond separated processes such as sheet metal punching, bending, and pressing, or machining processes such as cutting metal blocks. We offer an integrated metal processing service from design through to assembly.

Technological Strengths

In-house integrated machining is possible of a wide range of products from small to large and including product housings.
We can address a wide range of market needs regardless of quantity.
Services offered extend from design to machining and assembly, and we can also perform special processing such as surface treatment and handle general civilian products as well.
We are active in various defense-related industries including aircraft, marine, and land based equipment and can perform electronic warfare and aviation equipment assembly.
Based on more than 70 years' experience, we can respond to needs for sheet metal machining, high-precision machining operations, and reliable quality assurance.

Combined Processing

Design

Design relating to sheet metal, machining, pressing, and assembly	2D/3D CAD: CATIA V5, solid works, sheet works, PTC Creo, other

Precision sheet metal machining

Punching	NC turret punch press (up to 3,050×1,525 mm) and laser machining tool (up to 3,070×1,550×100 mm), SUS 304: up to 20 mm
Pressing	Pressure (up to 300 t) and ram (1,800×1,200 mm)
Bending	Pressure (up to 300 t), length (up to 4,300 mm) and depth (up to 700 mm)

Precision machining

Machining Operations	5-axis machining center (650 dia. ×500 mm, 550×1,000×500 mm, main axis 50–14,000 rpm) Machining center (1,500×780×750 mm)

Welding

Special machining (certification for welding aircraft parts has been obtained from a number of certifying bodies)

Spot welding	MIL-W-6858D, AMS-W-6858A, AWS-D17.2/D17.2M：2013
Melt welding	MIL-STD-1595, AMS-STD-1595A ,other

Surface treatment (at partner company)

Heat treatment	**Coating**	Coating (baking, powder, electrodeposition, and others)
Plating		Special Processing (MIL-DTL-55 41, AMS-QQ-P-35, and others)

Assembly

Machine parts	**Electronic components**	Extensive experience with general civilian components, electronic warfare equipment and aviation equipment assembly

Quality Assurance

Dimensions	**Surface treatment**	**Exterior**
Materials analysis	**Radioscopy**	**Circuits**

Other

Products Handled

For Airplanes
- Airplane onboard parts
  - MIL-STD-1595A certification acquired (melt welding)
  - MIL-W-6858D certification acquired (spot welding)

For Ships
- Radar consoles for ships
- Machined sheet metal parts for ship radar
- Antennas (7 feet to 14 feet) for ships
- Machined sheet metal parts for ship BS antennas
- Equipment parts for naval vessel deployment
- VTS (radar) cases and mechanism parts

Other
- Control boxes, parts, and assemblies of construction vehicles
- Cases, assemblies, and mechanism parts of equipment for bank paperwork
- Cases, parts, and assemblies of controllers for machine tools
- Cases, parts, and assemblies ofOA equipment
- Cases and mechanism parts of industrial measuring instruments
- Parts of communication equipment
- Various other cases
- POS
- Deep drawing (maximum press of 300 tons)
- A variety of precision sheet metal machining
- Precision manufacturing by machine tool

Precision sheet metal machining

Wide range of machines feasible long size material even of 4,000 mm

Sheet Metal Machining Equipment

- Integrated NC turret punch press and fiber laser machine
- Integrated NC turret punch
- Fiber laser processing apparatuses
- Press
- Robot bender
- Bender
- Servo bender

Machining Materials Handled

- Hot rolled steel sheet SPHC、SPHD、SPHE
- Cold rolled steel sheet SPCC、SPCE、SPCD
- Galvanized sheet iron SPG
- Colored galvanized sheet iron SCG
- Electro galvanized steel sheet SECC、SEHC、SEHD
- Lightweight shaped sheet for general construction SSC
- Stainless steel sheet SUS
- Cold rolled silicon steel sheet S
- Tough pitch steel sheet TCuP
- Brass sheet BsP
- Nickel silver sheet NSP
- Aluminum
- Permalloy PC、PB
- Titanium Ti-6Al-4V
- Hastelloy, Other

Punching

Integrated NC turret punch press and fiber laser machine

Fiber laser processing apparatuses

Bending

Pressure (up to 220 t), length (up to 4,000 mm) Bender

Pressure (up to 100 t), length (up to 3,015 mm) Robot bender

Pressure (up to 300 t), length (up to 3,000 mm) Bender

Pressure (up to 130 t), length (up to 3,000 mm) Servo Bender

High speed and high accuracy press brake with dual servo press (DSP) drive mechanism

Pressing

300 t hydraulic press

Hydraulic presses with compressive force 30 t and over

Press System with Digital Servo Drive 300 t

Press System with Digital Servo Drive 110 t

Precision machining

State-of-the-art machining for any metal

Precision machining Equipment

- 5-axis vertical machining center
- Turning center
- Machining center
- 5-axis machining center
- Wire cutting machine

Machining not limited by material

- Aluminum alloys
- Stainless steel
- Titanium alloys
- Magnesium alloys, Other

Multiple-Surface/Simultaneous 5-axis Machining Center【VARIAXIS i-800T】(Mazak)

Gate type machining center【FJV 5 Face-60/80】(Mazak)

5-axis vertical machining center【D500】(MAKINO)

5-axis machining center【C400】(HERMLE)

5-axis machining center【MAM72-63V】(Matsuura)

Wire electrical discharge machine【α-C800B】(FANUC)

Turning center【INTEGREX i-200】(Mazak)

Welding

Sophisticated technology satisfying the requirements for aircraft welding

Welding Equipment
- Electron beam machining tool (Vacuum furnace welding)
- Fiber laser welding machine (6-axis poly-articulated robot)
- Co2 welding machine
- TIG laser welding machine
- Arc welding machine
- Argon welding machine, other

Approved standards
- Spot welding machine
  - MIL-W-6858D
  - AMS-W-6858A
  - AWS-D17.2/D17.2M:2019
  - MIL-STD-1595A
  - AMS-STD-1595A, Other

Tig, Arc, Argon, Co2

Nadcap Administered by PRI
ACCREDITED
Welding : HIRATA Plant

CERTIFIED JQA MANAGEMENT SYSTEM JIS Q 9100
JQA-AS0028
Iwatsuki Plant/Hirata Plant

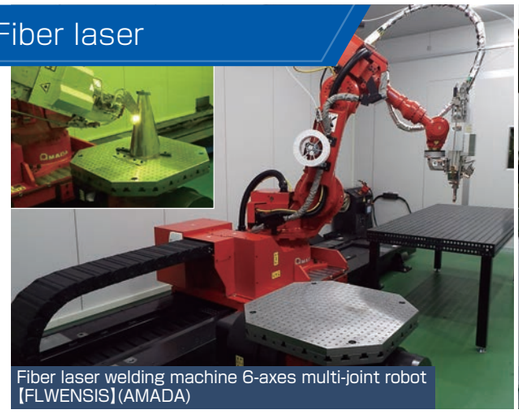
Electron beam

Electron beam machining tool (vacuum furnace welding)

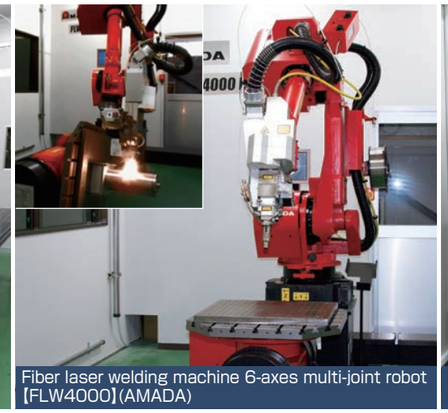
Processes compliant with AMS and MIL Standards

Specialty Process		Applicable Standards	Categories (Type, Class)	Number of Certified Workers
Melt welding workers	Aluminum alloy melt welding	MIL-STD-1595A AMS-STD-1595A AWS-D17.1/D17.1M:2017	GTAW Group Ⅳ, Class B, C Sheet thickness: 0.53 - 20 mm	Number of certified workers : 9
	Stainless steel melt welding	MIL-STD-1595A AMS-STD-1595A	GTAW Group Ⅱa, Ⅱb Sheet thickness: 0.6 - 8.0 mm	Number of certified workers : 6

Fiber laser



Fiber laser welding machine 6-axes multi-joint robot【FLWENSIS】(AMADA)



Fiber laser welding machine 6-axes multi-joint robot【FLW4000】(AMADA)

Fiber laser welding machine【FLW500MT】(AMADA)

Spot

Spot welding machines

Processes compliant with AMS and MIL Standards

Specialty Process		Applicable Standards	Categories (Type, Class)	Number of Certified Devices
Spot welding equipment & processing	Aluminum alloy spot welding	MIL-W-6858D AMS-W-6858A AWS-D17.2/D17.2M:2019	Group 1, Class B Sheet thickness: 0.5 - 3.2 mm	Number of certified devices : 5
	Iron spot welding	MIL-W-6858D AMS-W-6858A	Group 2, Class B Sheet thickness: 0.8 - 3.2 mm	Number of certified devices : 2
	Stainless steel spot welding	MIL-W-6858D AMS-W-6858A	Group 2, Class B Sheet thickness: 0.2 - 3.0 mm	Number of certified devices : 4

Surface treatment

Blast Machine【Neuma Blaster: SGK-4LDS-401-J899】(Fuji Manufacturing Co., Ltd.)

Degreasing washer for metal parts【DASSY400】(AMADA)

Alkaline Cleaning System

Quality Assurance

Practical and matured inspection system for Total Quality Assurance

Inspection Equipment

- Coordinate measuring machine
- X-ray fluorescence spectrometer (Component analysis)
- Roundness measuring instrument
- Compression tester
- Blank measuring instrument (infrared red ray)
- X-ray inspection system
- Surface contact resistance measuring instrument
- Digital pressure gauge for leak testing, Other

Measuring Apparatuses

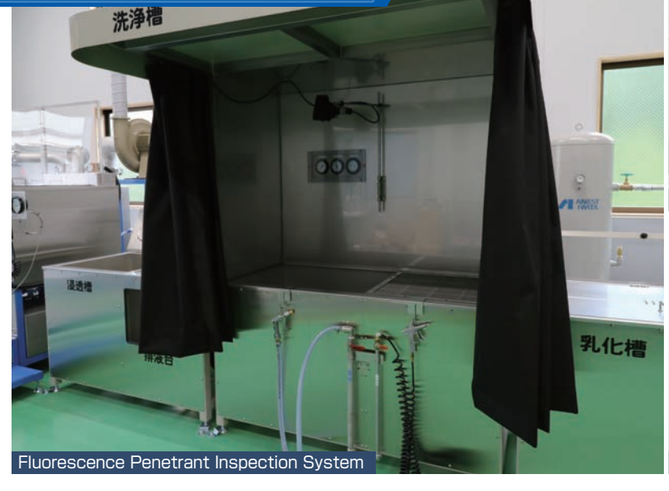
High-sensitivity 3D CNC coordinate measuring machines fitted with non-contact sensors, suitable for use with computer aided verification
XYZAX AXCEL 12/25/10 RDS
XYZAX AXCEL 9/10/6 RDS

Wide area three-dimensional coordinate measuring machine

Roundness/cylindricity measuring system

Virtek infrared measuring instrument

Non-destructive Inspection



Fluorescence Penetrant Inspection System

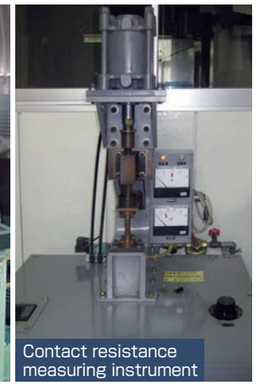
X-ray fluorescence spectrometer

Toshiba X-ray inspection system

Other Inspection Equipment

Digital pressure gauge for leak testing

Compression tester

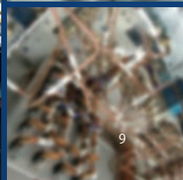


Contact resistance measuring instrument

Assembly

Content of assembly

- Extensive experience with general civilian components
- Electronic warfare equipment
- Aviation equipment assembly (Machine parts, Electronic components)



Company Overview

Trade name: NIKO Manufactory Co., Ltd.

Company established: November 20,1953

Established: July 19, 1955

Business operations:
【Precision sheet metal machining, Press machining,
Machining operations, Design, Assembly】
Aerospace Equipment, Defense equipment,
Communications equipment,Currency changing machine,
Various types of OA equipment,
Precision sheet metal machining such as for ship radar

Locations: 【Headquarters, Iwatsuki Plant】
3-1-1 Funai, Iwatsuki-ku, Saitama City,
Saitama Prefecture, Japan, 339-0042
TEL：048-797-2000 ／ FAX：048-791-7715
E-mail：info.n@nikoss.co.jp

【Hirata Plant】
74-3 Okashiwagi Yomogida Shinden, Hirata Village,
Ishikawa-gun, Fukushima Prefecture, Japan, 963-8201
TEL：0247-55-3266 ／ FAX：0247-55-3267
E-mail：hirata@nikoss.co.jp

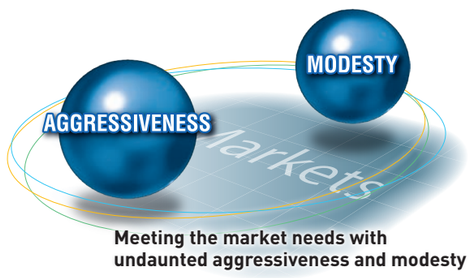
【NIKO MANUFACTORY Co.,Ltd. Welding Technology HIRONO】
100-2 Hironaga Shimoasamigawa Hirono-machi, Futaba-gun,
Fukushima Prefecture, Japan, 979-0403

URL: http://www.nikoss.co.jp

Founding principle

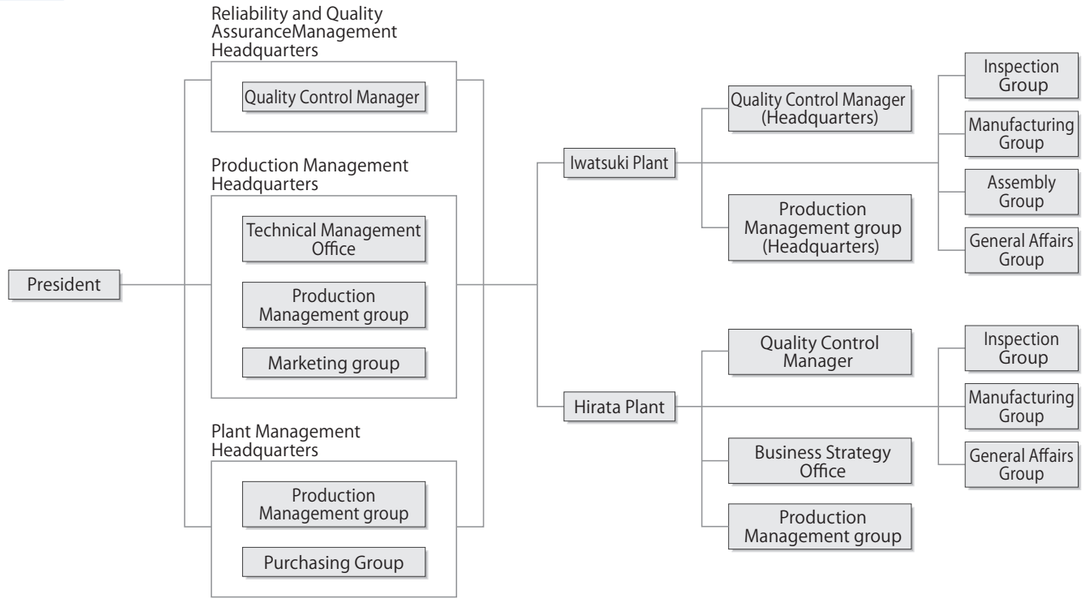
We always fulfill
our promises.

Keep a Promise.
Since 1953



**Meeting the market needs with
undaunted aggressiveness and modesty**

Organizational Diagram



Iwatsuki Plant (steel frame): 3,242.59 m²
site area : 4,567.78 m²

Hirono Station East Side Industrial park

Hirata Plant (steel frame): 1,200 m² site area : 30,000 m²

Conceptual image of the completed Hirono Factory

Hirono Plant (steel frame): 909.6 m² site area : 5,438.9 m²