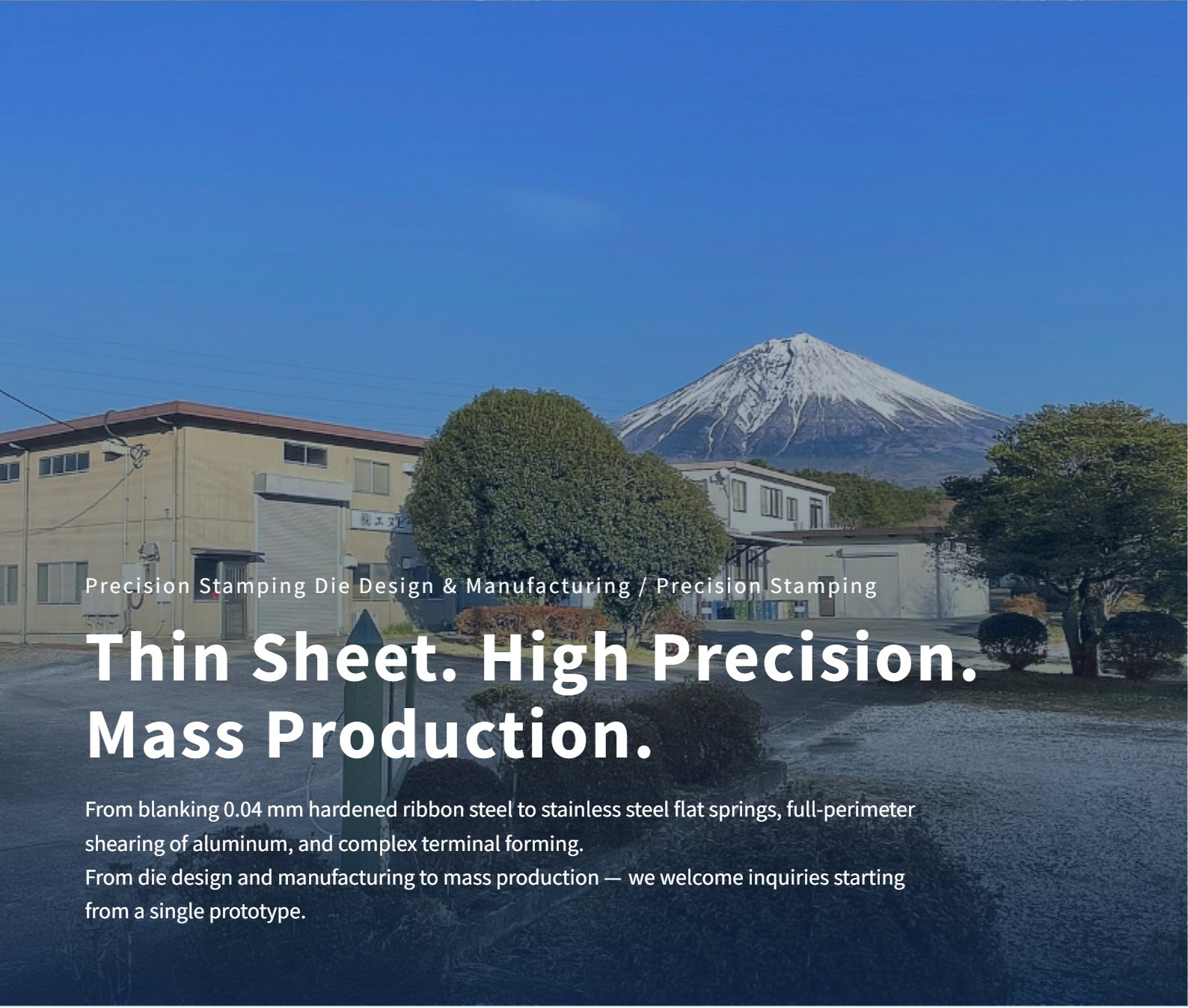




Precision Stamping Die Design & Manufacturing / Precision Stamping

Thin Sheet. High Precision. Mass Production.

From blanking 0.04 mm hardened ribbon steel to stainless steel flat springs, full-perimeter shearing of aluminum, and complex terminal forming.

From die design and manufacturing to mass production — we welcome inquiries starting from a single prototype.

NB Seimitsu Co., Ltd.

PRECISION STAMPING DIES & STAMPING

1974

Founded

t0.04mm

Thin hardened-steel blanking

**Japan &
Thailand**

Two production bases

ISO 9001

Certified in 2019

Head Office & Factory

3831 Kamiide, Fujinomiya, Shizuoka 418-0103, Japan
Tel +81-544-54-2121 / Fax +81-544-54-2120

Thai Factory

NB Precision (Thailand) Co., Ltd.
Rojana Industrial Park Zone 3, Ayutthaya

Since its founding in 1974, NB Seimitsu Co., Ltd. has been dedicated to precision stamping dies and precision stamping.

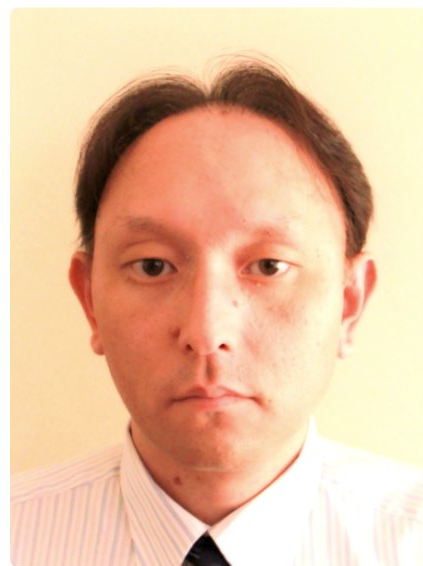
Our technology originates in blanking camera aperture blades: cutting hardened ribbon steel, a hard and thin material, with high precision. Continually refining this technology now supports the manufacture of parts for a wide range of fields, including automotive parts, optical components, and connectors and terminals.

In 1999 we established a production base in Ayutthaya, Thailand, building a system that delivers parts of the same quality from our two bases in Japan and Thailand. By designing and building dies in-house and handling everything through to mass production, we can propose the optimal process for each customer's challenge. This is our strength.

Since becoming President and Representative Director in 2020, I have placed "customer satisfaction" and "technology and quality" at the core of our management, while renewing equipment and passing on our skills. From a single drawing or a single prototype, we will sincerely support your manufacturing.

We look forward to your continued support.

Yosuke Nishimura
President & Representative Director, NB Seimitsu Co., Ltd.



Yosuke Nishimura
President & Representative
Director, NB Seimitsu Co., Ltd.
Managing Director, NB Precision
(Thailand) Co., Ltd.

Graduated from Tokai University,
School of Engineering, Department of
Precision Mechanical Engineering
(1996)

Hobbies: travel and fishing

In addition to managing NB Seimitsu Co., Ltd. in Japan and NB Precision (Thailand) Co., Ltd. in Ayutthaya, Thailand, Yosuke Nishimura remains directly involved in precision stamping die design.

Since its establishment in 1974, NB Seimitsu has accumulated extensive experience in thin-sheet precision stamping, starting with camera aperture blades, and in the design and manufacture of the precision dies that support it.

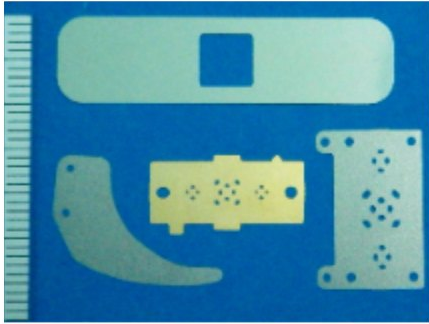
Today, our operations in Japan and Thailand provide an integrated manufacturing system covering die design, die manufacturing, and mass-production stamping, supplying precision stamped parts for automotive, optical, electrical and electronic, and industrial applications.

We place particular emphasis on feeding actual production results back into die design. Based on "dies that can actually achieve stable mass production," we work to improve precision, quality, cost and supply stability.

Three Reasons to Choose NB Seimitsu

02

WHY NB SEIMITSU



REASON 01

Precision Blanking of Thin, Hard Materials

A technology refined since our founding through blanking camera aperture blades. Blanking of hardened ribbon steel t0.04–0.05 mm, stainless steel (SUS301CSP / SUS304CSP) flat springs, and full-perimeter shearing of aluminum A5052P to minimize burrs and dents — the more difficult the material, the more we can offer.



REASON 02

Integrated Production from Die to Mass Production

We design and build our dies in-house and feed mass-production results back into the next design. Stamping, cleaning, surface treatment, caulking and simple assembly, and inspection with vision measuring systems are all managed in-house. From a single prototype to mass production.



REASON 03

Same Quality in Japan and Thailand

Our production base in Ayutthaya, Thailand, was established in 1999. It performs 15–200 ton stamping and die manufacturing to the same quality standards as Japan. We can advise whether production in Japan or Thailand suits your needs.

Feeding Production Results Back into Die Design

We perform die design, die manufacturing, and mass-production stamping under one roof.

By feeding actual production results back into die design, we build dies that achieve stable, reliable mass production, while improving precision, quality, cost, and supply stability.

Industries We Serve

Automotive Parts

Terminals, brackets, flat springs, etc.

Optical Components

Aperture blades, aperture cams, spacers

Connectors & Terminals

Combined hemming, curling and coining

Industrial & Electrical Equipment

Flat springs, small precision parts

From Inquiry to Delivery

STEP 01

Send Drawings

With material, thickness and quantity, a single drawing is enough to start.

STEP 02

Proposal & Quote

We propose single-stage or progressive dies and compare production in Japan and Thailand.

STEP 03

Die Design & Build

Designed and built in-house, with mass production in mind.

STEP 04

Prototype & Evaluation

We check dimensions and quality on prototypes and refine as needed.

STEP 05

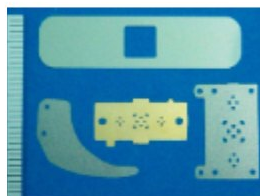
Mass Production & Delivery

We deliver mass-produced parts of stable quality from Japan or Thailand.

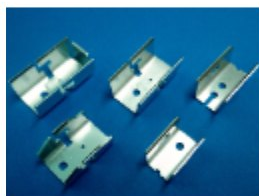
Precision Blanking of Hard, Thin Materials

Our origin is blanking camera aperture blades. Since our founding, we have refined the technology to blank hardened ribbon steel, a hard and thin material, with micron-level precision. Applying this technology, we also handle SUS (SUS301CSP / SUS304CSP) flat springs, full-perimeter shearing of aluminum, and combined hemming, curling and coining of terminals. We design and build our dies in-house and feed mass-production results back into die design.

Process	Material	Thickness	Features
Thin-sheet blanking	Hardened ribbon steel, phosphor bronze, brass	0.03–0.05 mm	Combines die precision and press precision
Aluminum full-perimeter shearing	A5052	0.5–0.8 mm	Suppresses burrs and dents; low-scratch degreasing
Terminal processing (various)	Brass / copper alloys (tin-plated), SUS430	0.4–0.8 mm	Combined hemming, curling and coining
SUS flat springs & small electrical device parts	SUS301CSP, SUS304CSP	0.03–0.8 mm	Fine, intricate shapes
Drawing & bending	SPCC-SD, SUS304CP	0.3–0.8 mm	Combination of drawing and bending



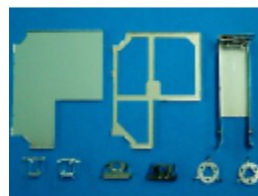
Thin-sheet blanking



Aluminum full-perimeter shearing



Terminal processing



SUS flat springs & small electrical parts



Drawing & bending

* As a thin-sheet record, we have blanked SUS material at t0.01 mm (prototype level; please consult us about mass production).

Integrated In-House Scope



Our Approach to Quality

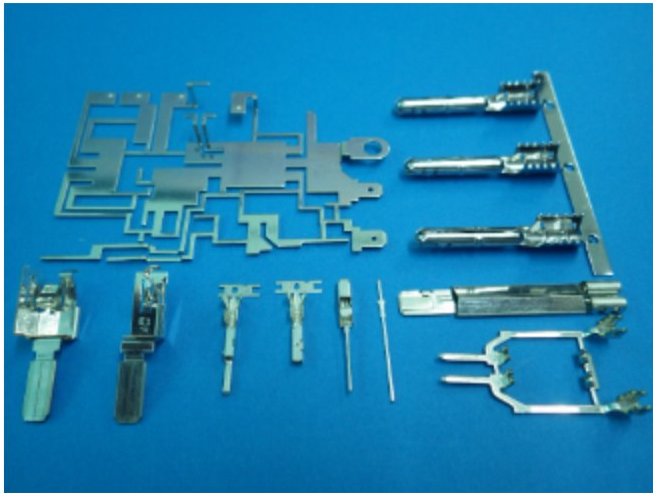
We operate a quality management system based on ISO 9001:2015 (certified in October 2019). Measurement with vision measuring systems minimizes inspector-dependent variation. See page 6 for our main measuring equipment.

Products

04

PRODUCT EXAMPLES

Representative products we have manufactured. Feel free to consult us about materials, thickness and processes.



Connectors & Terminals

Finished with combined hemming, curling and coining. Complex shapes are welcome.

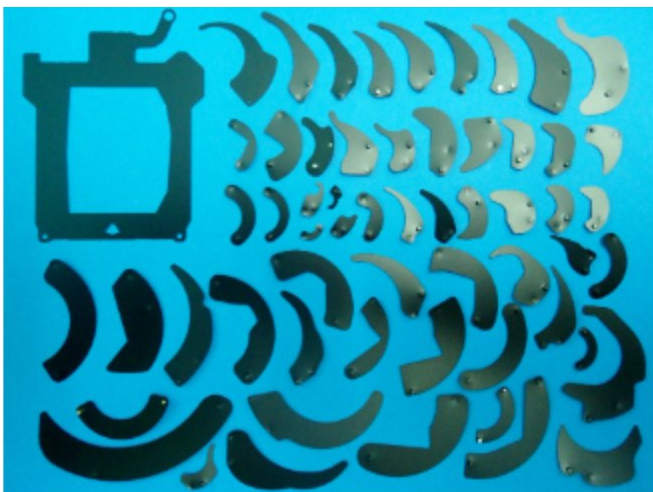
- Material: brass / copper alloy (tin-plated) t0.5–0.8 mm
- Material: SUS430 t0.4 mm



Optical Components

Small parts such as aperture cams, spacers and wave washers, from small lots to mass production. Stamping, machining and coating are managed in-house. Our full-perimeter shearing of aluminum aperture cams is highly regarded.

- Aperture cam: A5052 t0.5–0.8 mm
- Wave washer: SUS301CSP t0.4 mm



Camera Aperture Blades

Aperture blades made from thin hardened ribbon steel. Stamping, coating and dowel caulking are managed in-house. Blanking thin, hard materials is the technology we have refined since our founding.

- Material: hardened ribbon steel t0.04–0.05 mm



Drawn & Bent Parts

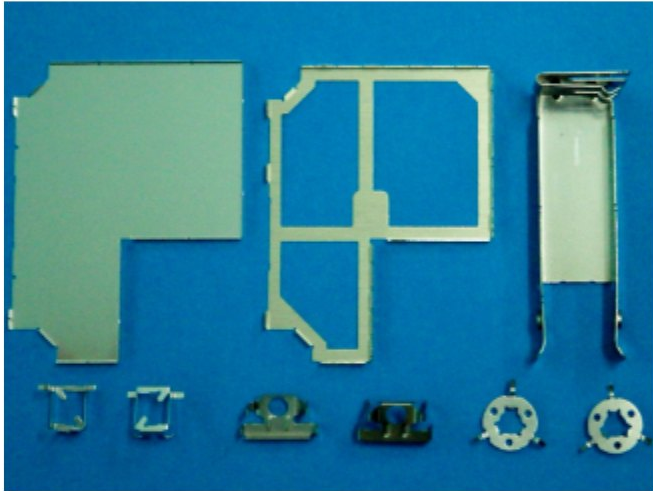
Combined stamped parts that integrate drawing and bending.

- Material: SPCC-SD t0.8 mm (upper photo)
- Material: SUS304CP t0.3 mm (lower photo)

Products

04

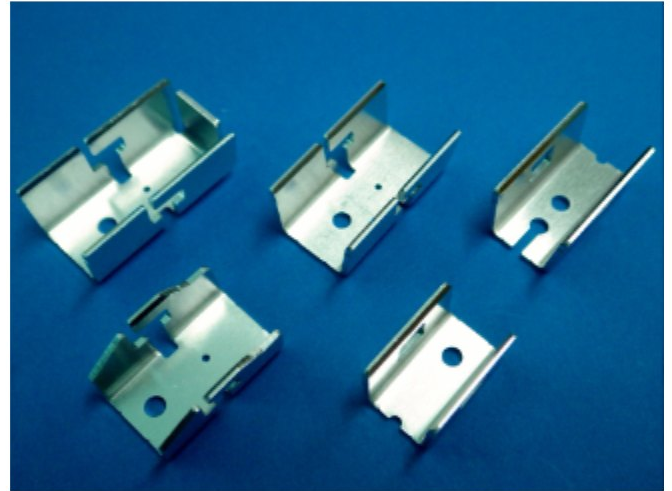
PRODUCT EXAMPLES



Stainless Flat Springs & Small Electrical Parts

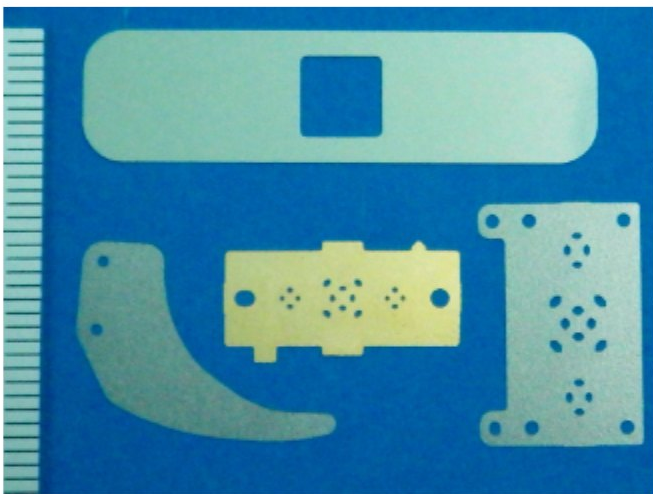
Leave fine, intricate shapes to us.

- Material: SUS301CSP / SUS304CSP t0.1–0.5 mm



Aluminum Stamped Parts

Stamped parts applying the aluminum technology developed for camera aperture cams. Full-perimeter shearing suppresses burrs and prevents dents. Low-scratch degreasing after stamping and anodizing are managed in-house.



Thin-Sheet Blanked Parts

Stamped parts applying our technology for aperture blades (hardened ribbon steel) and adjustment rings (phosphor bronze, brass). Thin-sheet blanking depends on the precision of both the die and the press, and is one of our greatest strengths.

Send Us Your Drawing

Tell us the material, thickness and quantity, and we will propose a process and a quotation.

Tel +81-544-54-2121 (Mon–Fri 9:00–17:00 JST)

Main equipment at our head office factory (as of October 2026).

Production Equipment

Equipment	Maker	Model	Qty
High-speed press	Mitsui Seiki	BSTA-18	3
High-speed press	Mitsui Seiki	BSTA-30	2
Servo press	Amada	SDE-8018	1
Servo press	Aida	NC1-800D	1
AC servo press	Komatsu	H1F110-2	1
Direct-drive digital servo press	Hoden Seimitsu	ZENFormer nano MPS410UD	1
Double link-motion press	Amada	TPWL-110	1
Link-motion press	Amada	TPL-60Si	1
Crank press	Amada	TP-80C etc.	9
Medium/high-speed press	Amada	TPH-60S etc.	3
Precision leveler	Zerostar	ZSD-125 etc.	6
Caulking machine	Copal	CRM-50	1
Vibratory barrel finisher	Chipton	CL-50	1
Rotary barrel finisher	Tokumitsu	TM-4 etc.	6
Bench lathe	Kitamura	KL-16	1
Hydrocarbon cleaning system (NS100)	Tosei	THC-4522	1
Automatic hydrocarbon cleaning system (NS100)	Cleanvy	FVH2-3550CV	1
Air compressor	Mitsui Seiki	ZV22ASi-R	1

Measuring Equipment

Equipment	Maker	Model	Qty
Vision measuring system (Quick Vision)	Mitutoyo	QV-ELF250-PRO	2
Vision measuring system (Quick Scope)	Mitutoyo	QS-200Z	2
High-precision image dimension measuring system	Keyence	LM-1000/1100	1
Image measuring system	Keyence	IM-6500	1
Profile projector	Topcon	BP-30 etc.	3
Surface roughness tester	Mitutoyo	SJ-401	1

Die-Making Equipment

Equipment	Maker	Model	Qty
CAD/CAM	Camtas	SPEEDY-MILL 2D	3
Automatic drafting system	JAM	CAD MASTER APD	1
Ultra-high-precision wire EDM	Mitsubishi Electric	MP2400	2
High-precision wire EDM	Mitsubishi Electric	PA-20M	1
Small-hole EDM	Mitsubishi Electric	MEMH-8 etc.	2
Sinker EDM	Mitsubishi Electric	EA-12V	1
Vertical machining center	Okuma	MB-66VB	1
Vertical machining center	Okuma	MB-46VA	1
Jig milling machine	Iwashita	NK-2RB	1
Surface grinder	Okamoto	PSG64SA1	1
Profile grinder	Mitsui	MSG-200M etc.	3
Lathe	Washino	LPT-35C	1
Bench lathe	Kitamura	KL-16	1
Upright drilling machine	Ashina	AUD-500	1
Hardness tester	Akashi	APK-B	1
Electric furnace	Thermal	NO-2	1
Contour band saw	Amada	V-400	1
Air compressor	Mitsui Seiki	ZV15S-R	1

Company Profile

06

COMPANY

Company name	NB Seimitsu Co., Ltd.
Representative	Yosuke Nishimura, President & Representative Director
Address	3831 Kamiide, Fujinomiya, Shizuoka 418-0103, Japan
TEL / FAX	+81-544-54-2121 / +81-544-54-2120
Established	June 21, 1974
Capital	JPY 45 million
Employees	27 (as of October 2026)
Directors	Yosuke Nishimura (Representative Director), Ryota Ayukawa (Senior Managing Director), Masumi Okamura (Managing Director), Akane Sano (Director & General Manager)
Business	Design and manufacture of precision stamping dies; precision stamping (automotive, industrial equipment, optical equipment, connectors & terminals, etc.)
Certification	ISO 9001:2015 (certified October 2019)
Main bank	Shizuoka Bank, Fujinomiya Branch
Affiliate	NB Precision (Thailand) Co., Ltd. (Ayutthaya, Thailand)

History

Jun. 1974	Founded NB Seimitsu in Saiwai-ku, Kawasaki, Kanagawa
Apr. 1976	Incorporated as NB Seimitsu Co., Ltd.
Aug. 1985	Built a new factory in Tsurumi-ku, Yokohama, and relocated
Aug. 1989	Built a new die factory in Fujinomiya, Shizuoka
Aug. 1994	Added a stamping plant to the Fujinomiya factory and consolidated the head office and all departments there
May 1999	Established NB PRECISION (THAILAND) CO., LTD. in Thailand
Oct. 2014	Introduced Mitsubishi MP2400 ultra-high-precision wire EDM
Oct. 2019	Obtained ISO 9001:2015 certification
Mar. 2020	Yosuke Nishimura appointed President & Representative Director
Nov. 2020	Moved the Thai factory to a new plant in Rojana Industrial Park Zone 3
Jan. 2022	Introduced Keyence LM-1000/1100 high-precision image dimension measuring system
Feb. 2024	Introduced Komatsu H1F110-2 AC servo press
Jun. 2024	50th anniversary of founding

Corporate Philosophy

Motto: Enriching everyone's life through our technology

By striving to improve our technology every day, we meet our customers' requirements and contribute to the development of society.

Basic Management Policies: Customer satisfaction / Respect for people / Technology and quality / Compliance / Social contribution

Management Goals

Expand our core technologies with all employees. We call "core technologies" the technologies that support our business and allow us to continuously meet customer needs.

Taking on cutting-edge processing technologies / Continuous practice of ISO and 5S activities / Building an organization that does what it says / Close cooperation with customers and partner companies

Environmental Policy

Compliance with environmental laws / Efficient use of resources and energy / Building, operating and improving our environmental system / Communication and disclosure / Green procurement (established March 20, 2020)

Thailand Base

07

NB PRECISION (THAILAND) CO., LTD.



Our production base established in Thailand in 1999. In November 2020 it moved to a new factory in Rojana Industrial Park Zone 3, Ayutthaya. We supply parts of the same quality from Japan and Thailand.

Company name	NB Precision (Thailand) Co., Ltd.
Established	May 1999
Address	88/1 Moo 1 T.Banchang A.Uthai Ayutthaya 13210 (Rojana Industrial Park Zone 3)
Business	Precision stamping (15–200 ton); design, manufacture and sales of single-stage and progressive dies
Main equipment	25 presses (10 progressive, 15 single-stage), 2 ultra-high-precision wire EDMs, 4 vision measuring systems and 1 3D profile measuring system
BOI approval	1999: stamping / 2002: die manufacturing

Because dies are designed and built based on our own production results, we can reliably supply both mass-produced parts and dies. Automatic measurement with vision systems minimizes inspector-dependent variation in quality assurance.

Head Office & Factory

NB Seimitsu Co., Ltd.

3831 Kamiide, Fujinomiya, Shizuoka 418-0103, Japan

About 15 km from Fujinomiya Station (approx. 25 min by car)

About 19 km from Shin-Fuji IC (approx. 30 min by car)

Thai Factory

NB Precision (Thailand) Co., Ltd.

88/1 Moo 1 T.Banchang A.Uthai Ayutthaya 13210

(Rojana Industrial Park Zone 3)

Tel +66-35-721-707

Send Us Your Drawing

Tell us the material, thickness and quantity, and we will propose a process and a quotation.

Tel +81-544-54-2121

Fax +81-544-54-2120 / Mon–Fri 9:00–17:00 JST

E-mail sales [at] nb-sj.co.jp

Web <https://www.nb-sj.co.jp/en/>

In Thailand: NB Precision (Thailand) Co., Ltd. Tel +66-35-721-707

Website