

# NACHI

COMPANY PROFILE

# 2016

NACHI-FUJIKOSHI CORP.



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# Message from the President

## Fulfilling aspirations as a manufacturing company

The NACHI-FUJIKOSHI Group is contributing to expansion in the world of manufacturing by capitalizing on our abilities as a comprehensive machine manufacturer with the multifaceted operations and technologies to provide a wide range of solutions to customers in fields such as automotive, industrial machinery, energy, and infrastructure.

We have established our slogan of “Fulfilling aspirations as a manufacturing company” for our 2020 long-term vision strategies. To achieve this, in 2014, we established our 2016 midterm business plan. Aiming to weather the turmoil of the economy, produce high corporate growth, and realize the dreams of our customers, associates, employees, local communities, and other stakeholders, we are revamping management based on the following three policies.

### 1. Fully develop growing markets

Implement major managerial resources and aggressively cultivate business opportunities in markets and industries that are expecting growth in the mid to long term by establishing operational foundations for sales, servicing, and production systems in emerging countries such as China, ASEAN, and India, in addition to Japan, Europe, and America.

### 2. Create new products and new businesses

Expand business opportunities by creating new products and enterprises using our multifaceted technologies, refining existing products, and growing our product lineup. This will enable us to meet the ever-growing number of needs in the manufacturing processes of our customers.

### 3. Bolster and educate human resources

Corporations are people, and people support manufacturing. Therefore, we are educating personnel in Japan and across the globe to bolster manpower. As we focus on business expansion overseas and in emerging markets, it is important that we cultivate global personnel with a strong desire to meet challenges and succeed with an awareness of corporate citizenship.



President Hiroo Honma

本間博夫

# Corporate Philosophy

**Creativity - Business withers without creation.**

Today's dream brings about a better tomorrow. Creation causes some discord. Improvement is assured by conquering such discord.

**Aggressiveness - Tackle your job aggressively.**

Give priority to difficult assignments and never give up when the job is half done.

**Globalism - The globe is your market.**

Win the trust of the people of the world. Supply quality products at reasonable cost. Nurture the competitiveness of your products.

**Appreciative minds - Always be appreciative of what people around you do for you.**

Thank your parents for having given birth to you. Thank elders for their guidance. Serve the community in order to reciprocate its hospitality toward you.

**Human assets - How to make the company prosper is to find and use the right person in the right job.**

Quality people are difficult to come by. Be objective. Be health conscious. Be wise. Stick to your words.

Written by the founder, Kohki Imura

# Corporate Mission

Contributing to the progress of the world of product manufacture.

## Origin of the Corporate Name "FUJIKOSHI"

NACHI-FUJIKOSHI CORP. was founded in the city of Toyama in 1928. Kohki Imura, the founder, named the company FUJIKOSHI in order to give concrete expression to his creed that self sufficiency in machine tool supply is indispensable to Japan's economic prosperity. The first two characters "不二" which read "Fuji" were picked from the Buddhist scriptures. A passage in the scriptures says "Justice and injustice appear to be different things. The truth is that they are "Fuji" (not two). They are one and the same". The third Chinese character "越" which reads "Koshi" has the same pronunciation as "高志" which means the general area along the Japan Sea since olden days.

## Origin of the Trademark "NACHI"

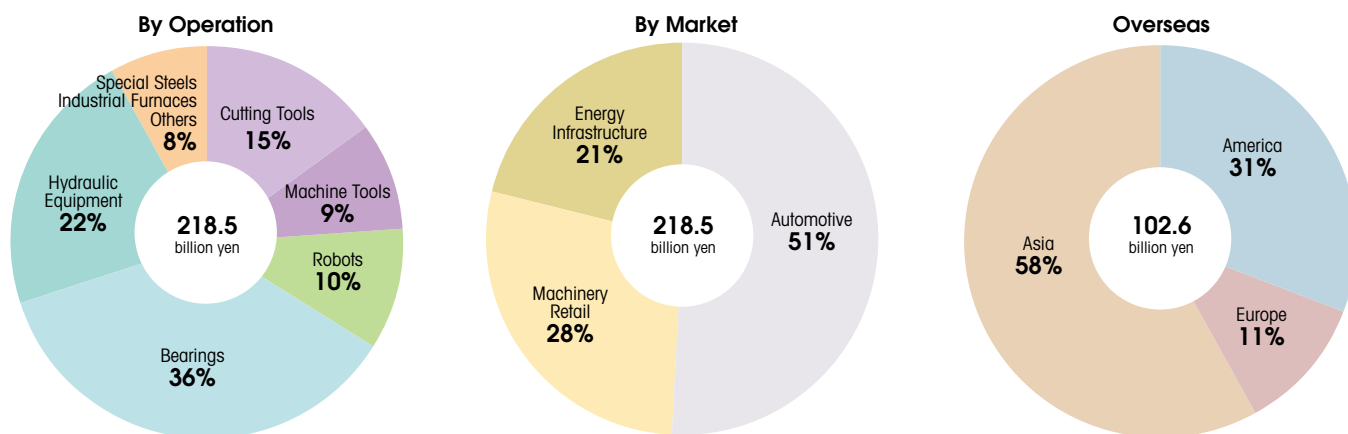
The NACHI brand name comes from "KUMANO-NACHI-TAISHA", the Grand Shrine, that is one of 3 sacred Kumano Sanzan Shrines. It expresses strong entrepreneurial will. In 1929, the Emperor Showa made a tour of the Kansai district to inspect industries as part of the encouragement of domestic production, and personally inspected a FUJIKOSHI hacksaw blade that was on display as an example of an outstanding domestic product at the Osaka Prefectural Office. Overjoyed at the honor of entertaining the Emperor's special attention, founder Kohki Imura decided to name his product NACHI after the name of the latest naval cruiser to be made in Japan, which was also the very same vessel that the Emperor was sailing on for his tour.



# Outline

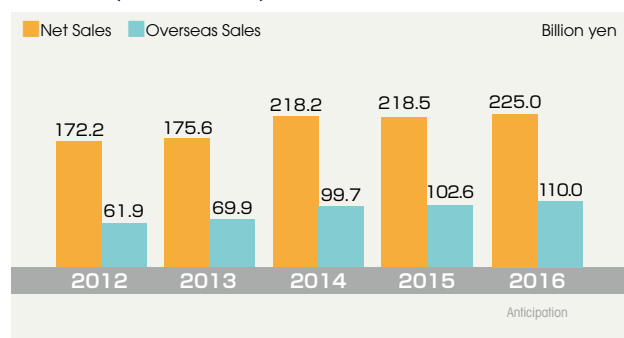
Corporate Name	NACHI-FUJIKOSHI CORP.	
Trademark	NACHI	
Foundation	December 21, 1928	
Account Settled on	November 30	
President	Hiroo Honma	
Head Office, Toyama Plant	1-1-1 Fujikoshi-Honmachi, Toyama 930-8511 Tel : +81-(0)76-423-5111	
Tokyo Head Office	Shiodome Sumitomo Bldg. 17F, 1-9-2 Higashi-Shinbashi, Minato-ku, Tokyo 105-0021 Tel : +81-(0)3-5568-5111	
Capital	16.0 billion yen	
Consolidated Net Sales	218.5 billion yen	(1,779 million dollars)
Overseas Sales	102.6 billion yen	(836 million dollars)
Consolidated subsidiaries	52 companies	(Domestic 23 companies) (Overseas 29 companies)
Consolidated number of employees	6,560 2,850	(53 companies) (Non-Consolidated)
Major Products	Machining	Cutting Tools, Forming Tools, Cutting Saws, Machine Tools, Machining Systems
	Robots	Robots, Robot Systems, Electronic Equipment
	Components	Bearings, Hydraulic Equipment, Automotive Hydraulics, Seismic Isolation System, Filtration System
	Materials	Special Steels, Coating, Industrial Furnaces

## Breakdown of Net Sales

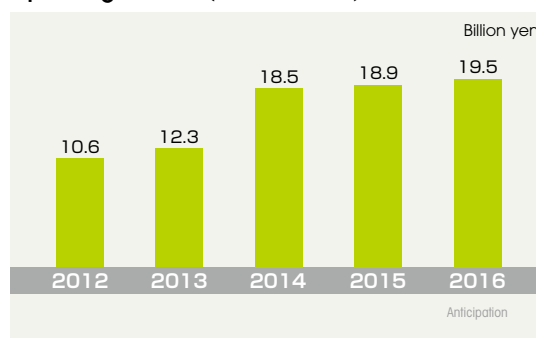


## Fluctuations in Performance

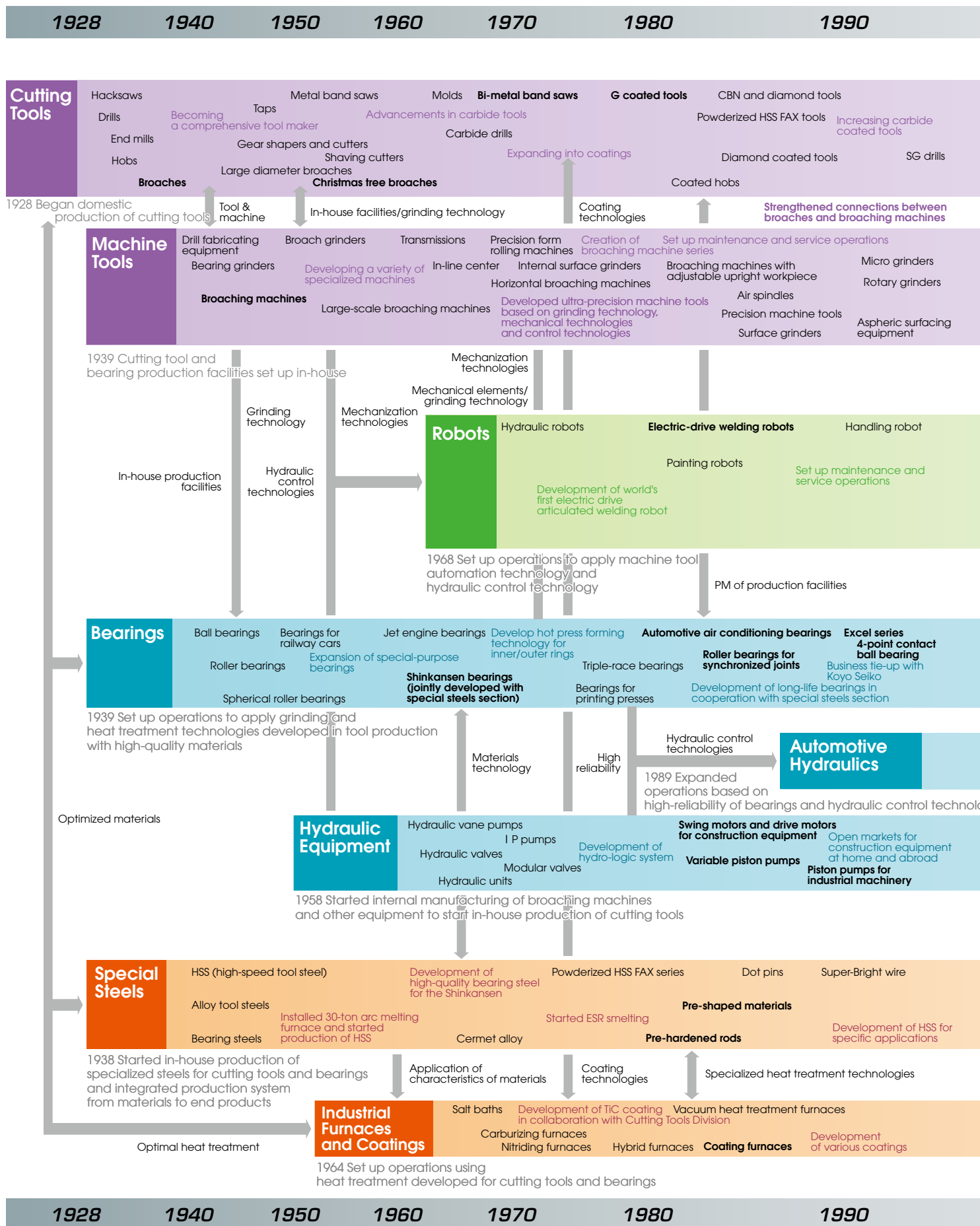
Net Sales (Consolidated)

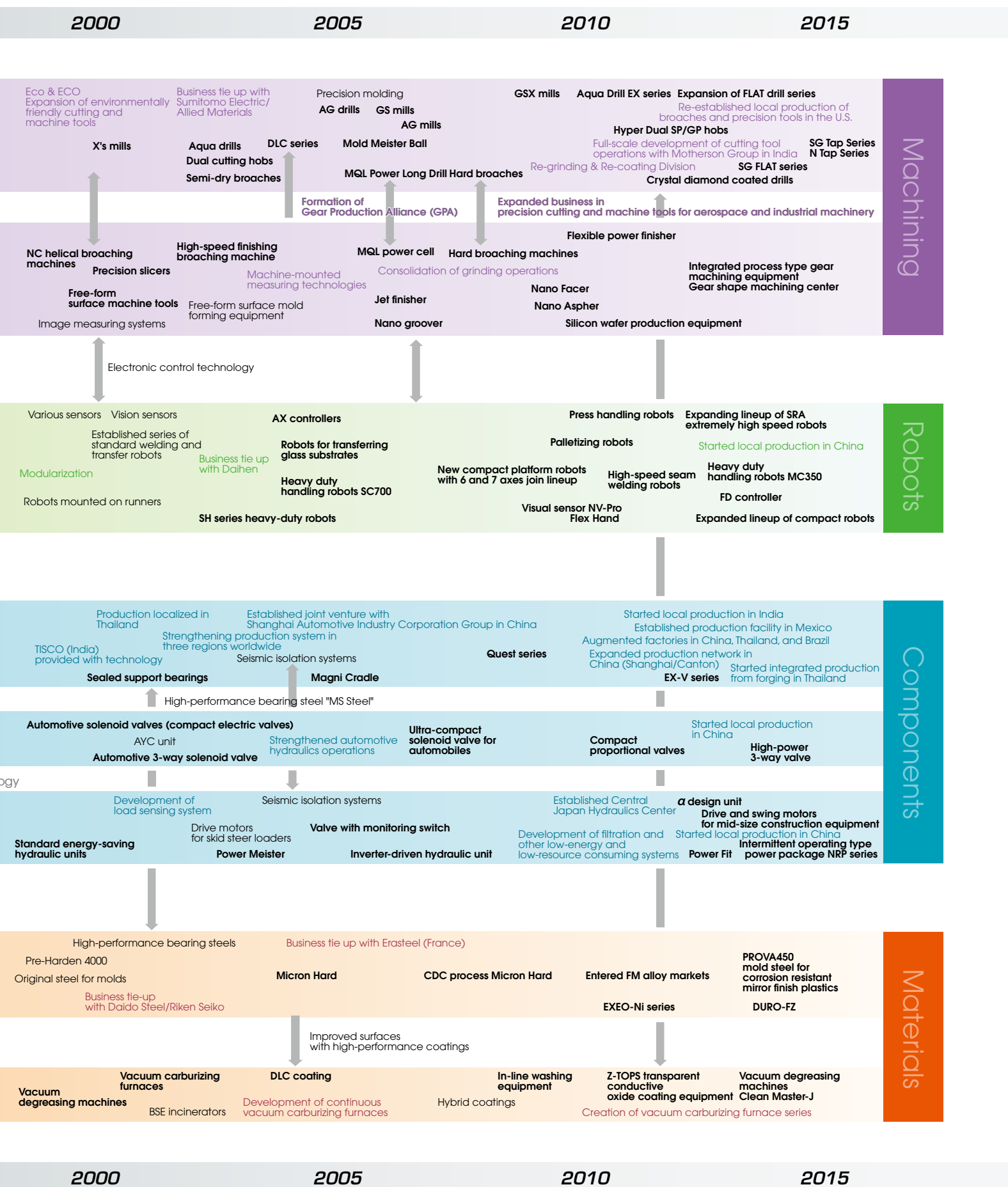


Operating Income (Consolidated)



# Genealogy of Business Operations





# Contributing to the Process of Manufact

## Cutting Tools



HSS drills & carbide drills  
HSS end mills & carbide end drills  
Taps  
Metal Band Saws



Broaches  
Hobs  
Shaving Cutters  
Forming Racks

Regrinding/Recoating for  
Cutting Tools  
Tool Engineering Services

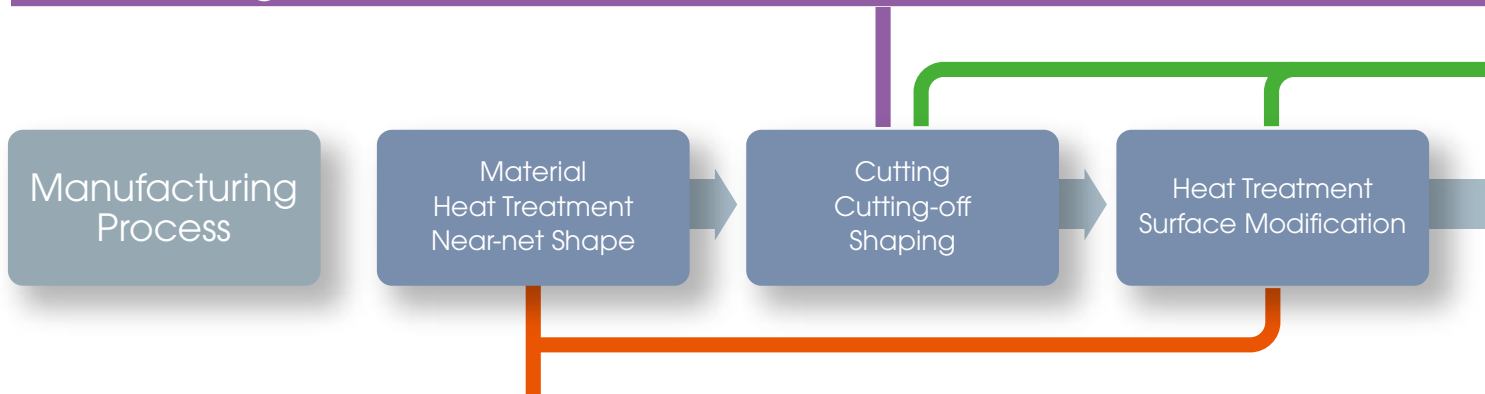


## Machine Tools



Power Finisher

## Machining



## Materials

### Special Steels



Fine Multi-Controlled ALLOY  
Hardened Rods  
Micron Hard

### Industrial Furnaces



Vacuum Carburizing Furnace  
Vacuum Degreasing Washer  
Coating Equipment  
Coating Process



Maintenance of  
Industrial Furnaces Heat Treatment  
and Coating on Consignment

## Components

### Bearings




High-Function Bearings  
for Industrial Machines





Broaching machines  
Precision form rolling machines  
Power cells  
Various Processing Machines

### Robots



Lightweight compact robots

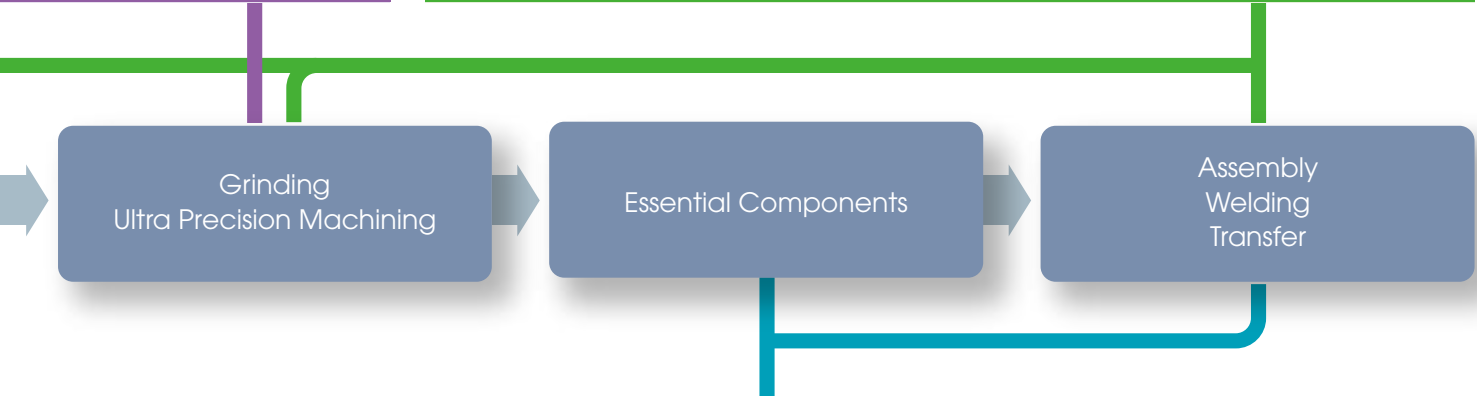
Seven-axis articulated robot


Robot Maintenance, Overhaul  
Robot Operation Training

Welding and General Handling Robots  
Heavy Duty/Payload Handling Robots

Clean Robots


### Robots






High-Function Bearings for Automobiles

### Hydraulic Equipment




High-Function Hydraulic Equipment for Construction Machines and Industrial Machines

### Automotive Hydraulics




Solenoid Valves for Automobiles  
3-way Solenoid Valves  
Linear Solenoid Valves  
Automotive Hydraulic Units




Power-saving high-precision Power Meister

### Energy and Resource Saving Systems



System to solidify and recycle metal chips



Intermittent operating type power package NRP series



# Multifaceted Solutions

## Automobiles

### Engines

Contributing to higher energy efficiency and green processes



**MQL Power Cell**  
MQL Machining System

High-efficiency,  
non step  
deep hole drilling.



**Power Finisher**  
Crankshaft and camshaft lapping.



World's  
**No.1**  
Share

**Double-Row  
Angular Contact Ball Bearings**  
For automobile air conditioners  
resistant to high speeds and  
high temperatures.

#### Exhaust Valve Material, Wastegate Valve Material EXEO-E900

Demonstrates durability at temperatures exceeding 900°C.  
Withstands high temperatures reached by  
exhaust system components of turbo chargers.



#### AQUA Drill EX Oil-Hole 3 Flutes Series



### Constant Velocity Joints

Quiet and  
smooth rotary transfer.



**Forming Rack**  
Keeping precision high  
in super efficient production.



Precision rolling



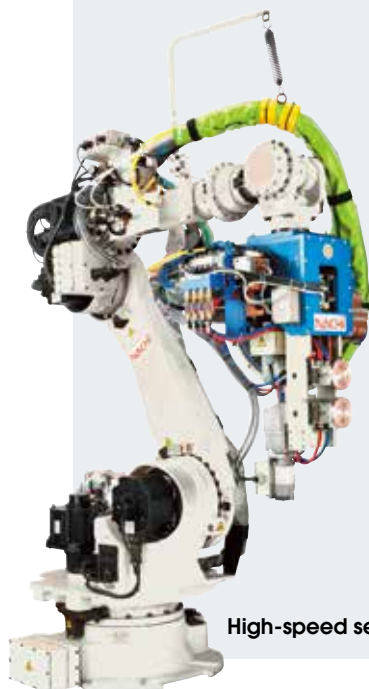
World's  
**No.1**  
Share

**Roller Bearings for  
Constant Velocity Joints**  
High-performance bearings for superb  
operability, comfort and safety in  
automobile driving.

## Body



IN-Trac Cable Management System  
**SRA133HL**



**High-speed seam welding robots**



**Spot Welding Robots  
Heavy-Load Handling Robots**  
Increases productivity.

## Steering

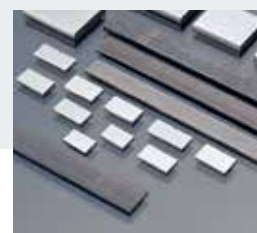
Safe and stable steering.



Broaching of steering racks.



**4-point Contact  
Ball Bearings BX Series**



**Vane Material in  
Power Steering Pumps  
Made from HSS**

## Solenoid Valves for Automobiles

Direct control of transmission clutch with valves.

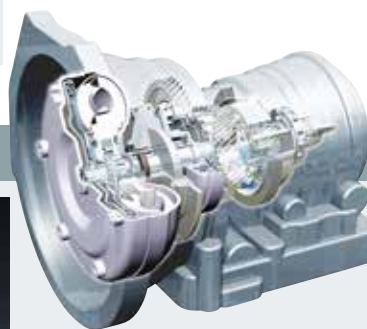


## Transmissions

For responsive and comfortable driving.



**MT21 Steel Bearings  
for transmissions**

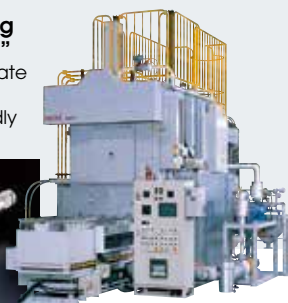


## Vacuum Carburizing Furnace "En-Carbo"

Performs highly accurate carburizing that is environmentally friendly and low in cost.



Vacuum carburizing of transmission gears.



## Helical Broach



High speed hob cutting.



World's  
**No.1**  
Share



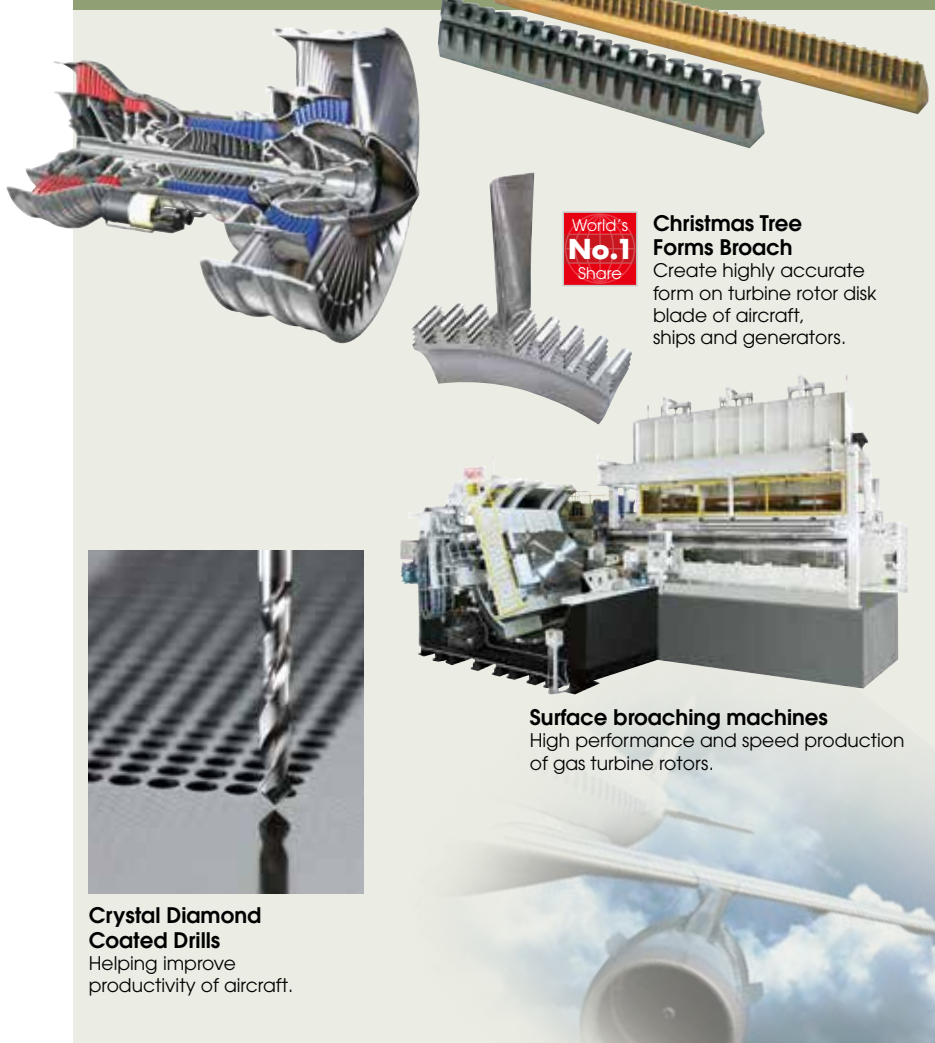
## NC Helical Broaching Machine

Performs highly efficient machining of helical gears for automatic transmission.



## Energy, Infrastructure

### Power Generation, Aircraft



### Railroads



#### Bearings for Wheels

Lightweight and compact bearings for axles capable of withstanding the high speed of the bullet train "Shinkansen".

### Logistics



#### Palletizing Robot "LP130/180"

Enable high-speed/high-precision palletization of cardboard boxes, bags, bottles, and metal products.

### Construction Machines



#### Spherical Roller Bearings

Boasts the world's highest load capacity and service life.

# Industrial Machines, Electrics, Electronics

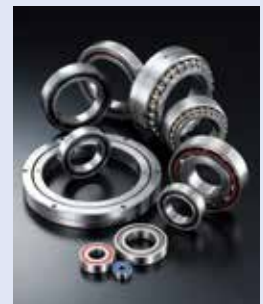
## Industrial Machines



**Energy-Saving Hydraulic Units  
NSPi**  
Achieve energy saving through inverter drive system.



**AQUA Drill EX  
FLAT series**  
Burr-less drilling is possible at angles and in intersecting holes.



**Precision bearings**  
Improves precision in machinery.



**SG Tap Series**  
High grade powder HSS and SG coating promotes longer tool life.



**PZH high-pressure variable piston pump**  
Enables high power and downsizing of machines.

**New EXEO Series Materials for Functional Components**  
Perfect for injection molding machines.



**MC20**  
Six-axis articulated robot.

## Electrics, Electronics

Fulfilling the need for automated manual labor  
**Expanded compact robot series**  
Help improve productivity in every workplace with picking, wrapping, and assembling.



**MZ07**  
the World's Fastest, Lightweight Compact Robot



**MZ04**  
Compact and super fast robot

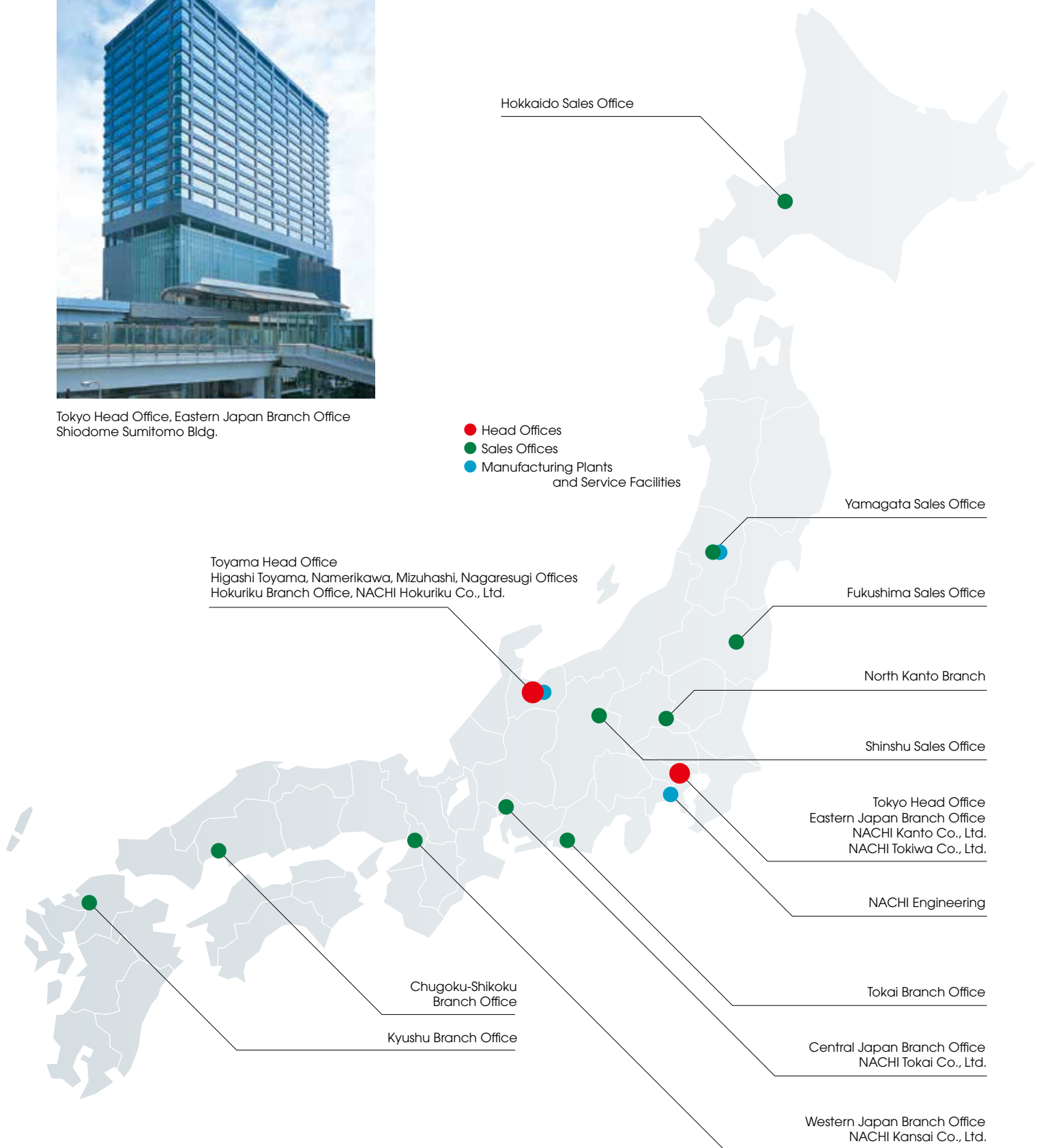


**EZ03**  
Compact SCARA Robot

# Plants and Offices in Japan



Tokyo Head Office, Eastern Japan Branch Office  
Shiodome Sumitomo Bldg.





## Head Offices

<b>Toyama Head Office</b>	1-1-1 Fujikoshi-Honmachi, Toyama 930-8511	Tel:+81-(0)76-423-5111	Fax:+81-(0)76-493-5211
<b>Tokyo Head Office</b>	Shiodome Sumitomo Bldg.17F 1-9-2 Higashi-Shinbashi, Minato-ku, Tokyo 105-0021	Tel:+81-(0)3-5568-5111	Fax:+81-(0)3-5568-5206
URL : <a href="http://www.nachi-fujikoshi.co.jp/">http://www.nachi-fujikoshi.co.jp/</a>			

## Sales Offices

<b>Eastern Japan Branch Office</b>	Shiodome Sumitomo Bldg. 17F, 1-9-2 Higashi-Shinbashi, Minato-ku, Tokyo 105-0021	Tel:+81-(0)3-5568-5280	Fax:+81-(0)3-5568-5290
<b>Hokkaido Sales Office</b>	Hon-cho 1 Jo 10 Chome 4-10, Higashi-ku, Sapporo, 065-0041	Tel:+81-(0)11-782-0006	Fax:+81-(0)11-782-0033
<b>Yamagata Sales Office</b>	130-1, Yachi Azamaki, Kahoku-cho, Nishimurayama-gun, Yamagata 999-3511, c/o Nachi Tohoku Seiko Co., Ltd.	Tel:+81-(0)237-71-0321	Fax:+81-(0)237-72-5212
<b>Fukushima Sales Office</b>	One Bridge Bldg. 2F, 2-33-1 Kuвано, Koriyama-shi, Fukushima 963-8025	Tel:+81-(0)24-991-4511	Fax:+81-(0)24-935-1450
<b>North Kanto Branch</b>	26-2 Hama-cho, Ota-shi, Gunma 373-0853	Tel:+81-(0)276-46-7511	Fax:+81-(0)276-46-4599
<b>Shinshu Sales Office</b>	248-3 Kamishiojiri, Ueda-shi, Nagano 386-0042	Tel:+81-(0)268-28-7863	Fax:+81-(0)268-21-1185
<b>Central Japan Branch Office</b>	Nachi Nagoya Bldg., 2-120-3 Takayashiro, Meitou-ku, Nagoya 465-0095	Tel:+81-(0)52-769-6811	Fax:+81-(0)52-769-6830
<b>Tokai Branch Office</b>	1-20-17 Ebisuka, Naka-ku, Hamamatsu 432-8033	Tel:+81-(0)53-454-4160	Fax:+81-(0)53-454-4845
<b>Hokuriku Branch Office</b>	Nachi Hokuriku Bldg., 2-3-60 Ishigane, Toyama 930-0966	Tel:+81-(0)76-425-8013	Fax:+81-(0)76-492-4319
<b>Western Japan Branch Office</b>	Sumitomo Nakanoshima Bldg. 5F, 3-2-18 Nakanoshima, Kita-ku, Osaka 530-0005	Tel:+81-(0)6-7178-5111	Fax:+81-(0)6-7178-5110
<b>Chugoku-Shikoku Branch Office</b>	Nihonseimei Hiroshima Hikarimachi Bldg. 8F, 1-10-19 Hikarimachi, Higashi-ku, Hiroshima 732-0052	Tel:+81-(0)82-568-7460	Fax:+81-(0)82-568-7465
<b>Kyushu Branch Office</b>	1-10-30 Sanno, Hakata-ku, Fukuoka 812-0015	Tel:+81-(0)92-441-2505	Fax:+81-(0)92-471-6600
<b>Nachi Logistics Center</b>	3-5-1 Yoneda-machi, Toyama 931-8511	Tel:+81-(0)76-438-4481	Fax:+81-(0)76-438-4454

## Engineering Companies

NACHI Robot Engineering Co., Ltd.	Shiodome Sumitomo Bldg. 17F, 1-9-2 Higashi-Shinbashi, Minato-ku, Tokyo 105-0021 Ayase, Ota, Osaka, Toyoda, Hamamatsu, Hiroshima, Okuyama, Fukuoka, Toyama, Sendai	Tel:+81-(0)3-5568-5180	Fax:+81-(0)3-5568-5185
NACHI Machinery Engineering Co., Ltd.	1-1-1 Fujikoshi Honmachi, Toyama 930-8511, c/o Fujikoshi Toyama Office	Tel:+81-(0)76-492-0708	Fax:+81-(0)76-493-5255
NACHI Tool Engineering Co., Ltd.	1-1-1 Fujikoshi Honmachi, Toyama 930-8511, c/o Fujikoshi Toyama Office Ayase	Tel:+81-(0)76-423-5337	Fax:+81-(0)76-493-5258

## Sales Companies

NACHI Kanto Co., Ltd.	Shiodome Sumitomo Bldg. 17F, 1-9-2 Higashi-Shinbashi, Minato-ku, Tokyo 105-0021 Ayase, Utsunomiya	Tel:+81-(0)3-5568-5190	Fax:+81-(0)3-5568-5195
NACHI Engineering NACHI-TOKIWA CORP.	2696-15 Hayakawa, Ayase-shi, Kanagawa 252-1123 Shiodome Sumitomo Bldg. 17F, 1-9-2 Higashi-Shinbashi, Minato-ku, Tokyo 105-0021 Ota, Ueda, Utsunomiya, Hadano, Suzuka, Hamamatsu, Osaka, Kumamoto, Guangzhou China, Ohio USA, Indonesia, and Mexico	Tel:+81-(0)467-71-5111 Tel:+81-(0)3-6252-3677	Fax:+81-(0)467-71-5116 Fax:+81-(0)3-6252-3678
NACHI Tokai Co., Ltd.	Nachi Nagoya Bldg., 2-120-3 Takayashiro, Meitou-ku, Nagoya 465-0095 Yokkaichi	Tel:+81-(0)52-769-6911	Fax:+81-(0)52-769-6913
NACHI Hokuriku Co., Ltd.	Nachi Hokuriku Bldg., 2-3-60 Ishigane, Toyama 930-0966	Tel:+81-(0)76-424-3991	Fax:+81-(0)76-492-4319
NACHI Kansai Co., Ltd.	Sumitomo Nakanoshima Bldg. 5F, 3-2-18 Nakanoshima, Kita-ku, Osaka 530-0005 Kakogawa	Tel:+81-(0)6-7178-2200	Fax:+81-(0)6-7178-2201

# Plants and Offices in Toyama

## Toyama Head Office, Toyama Plant



Products:Cutting Tools, Machinery, Robots and Bearings  
Site Scale:353,000m<sup>2</sup> Building:224,000m<sup>2</sup>



Internal broaches factory



Automotive air conditioner bearings factory



Large-sized robots factory



Precision bearings factory

## Higashi-Toyama Plant



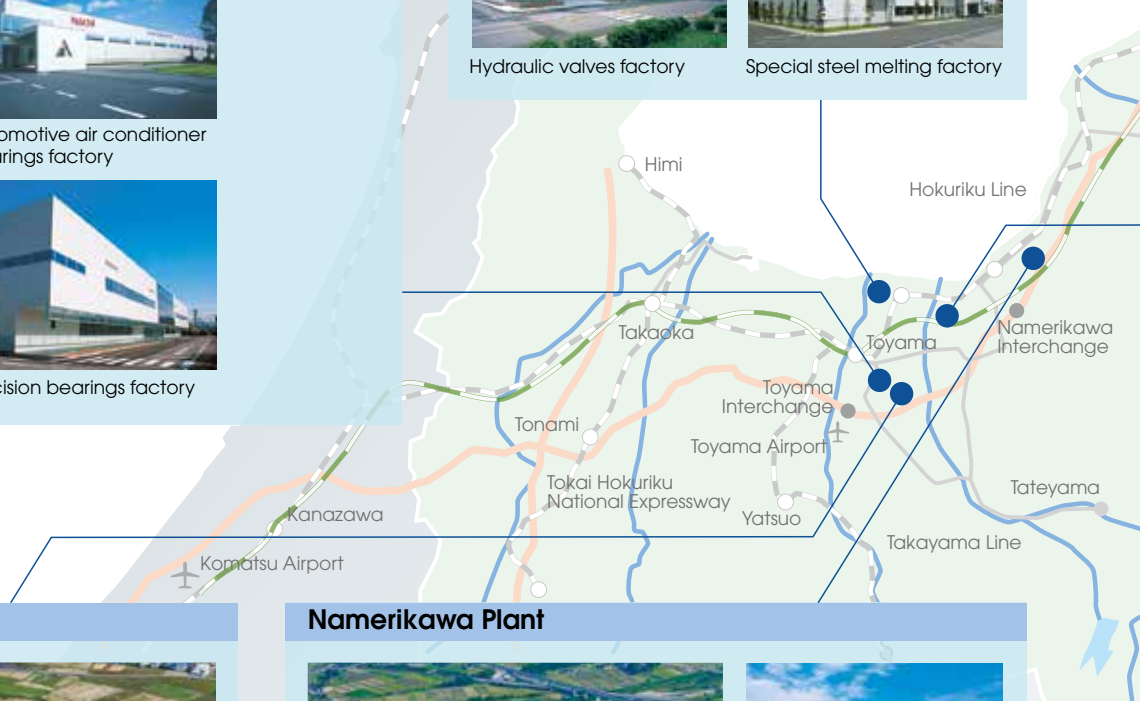
Products:Special Steels and Hydraulic Equipment  
Site Scale:227,000m<sup>2</sup> Building:126,000m<sup>2</sup>



Hydraulic valves factory



Special steel melting factory



## Nagaresugi Plant



Products:Cutting Tools, Machinery and Bearings  
Site Scale:55,000m<sup>2</sup>  
Building:28,000m<sup>2</sup>



Parts processing factory

## Namerikawa Plant



Products:  
Hydraulic Equipment, Automotive Hydraulics,  
Machining Equipment, Coating Processes,  
and Industrial Furnaces  
Site Scale:195,000m<sup>2</sup>  
Building:69,000m<sup>2</sup>



Hydraulic wheel drive motors factory



Automotive hydraulic factory



## Mizuhashi Plant



Products: Bearings  
Site Scale: 65,000m<sup>2</sup>  
Building: 22,000m<sup>2</sup>



Bearing  
heat-treatment factory

Hokuriku National  
Expressway

Unazuki Onsen

## Service Companies

FUJIKOSHI Information Systems Co., Ltd.

Information Systems

Tel: +81-(0)76-493-0980 Fax: +81-(0)76-493-2671

NACHI Logistics Co., Ltd.

Transportation, Storage, Insurance

Tel: +81-(0)76-425-0262 Fax: +81-(0)76-493-8676

FUJIKOSHI Com Service Co., Ltd.

Receptions, Facilities Management, Security

Tel: +81-(0)76-423-5042 Fax: +81-(0)76-493-5208

## Plants

Toyama Plant	1-1-1 Fujikoshi-Honmachi, Toyama 930-8511	
Tools	Tel: +81-(0)76-423-5100	Fax: +81-(0)76-493-5221
Machine Tools	Tel: +81-(0)76-423-5140	Fax: +81-(0)76-493-5242
Robots	Tel: +81-(0)76-423-5135	Fax: +81-(0)76-493-5251
Bearings	Tel: +81-(0)76-423-5120	Fax: +81-(0)76-493-5231

Higashi-Toyama Plant	3-1-1 Yoneda-machi, Toyama 931-8511	
Materials	Tel: +81-(0)76-438-4411	Fax: +81-(0)76-438-6313
	3-2-1 Nakata, Toyama 931-8453	
Hydraulic Equipment	Tel: +81-(0)76-438-8970	Fax: +81-(0)76-438-8978

Namerikawa Plant	176 Ogake, Namerikawa-shi, Toyama 936-0802	
Hydraulic Equipment	Tel: +81-(0)76-471-2046	Fax: +81-(0)76-471-2673
Automotive Hydraulics	Tel: +81-(0)76-471-2320	Fax: +81-(0)76-471-2324
Machine Tools	Tel: +81-(0)76-471-2101	Fax: +81-(0)76-471-2824
Coating	Tel: +81-(0)76-471-2985	Fax: +81-(0)76-471-2989
Industrial Furnaces	Tel: +81-(0)76-471-2981	Fax: +81-(0)76-471-2988

Mizuhashi Plant	201-1 Iseya Mizuhashi, Toyama 939-3524	
Bearings	Tel: +81-(0)76-479-1780	Fax: +81-(0)76-479-1781

Nagaresugi Plant	160 Nagaresugi, Toyama 939-8032	
Tools	Tel: +81-(0)76-425-2695	Fax: +81-(0)76-425-9091
Machine Tools	Tel: +81-(0)76-495-1341	Fax: +81-(0)76-495-1359
Bearings	Tel: +81-(0)76-424-8848	Fax: +81-(0)76-424-8832

## Manufacturing Companies

NACHI Seiko Co., Ltd.

Precision Cutting Tools Tel: +81-(0)76-425-2695 Fax: +81-(0)76-425-9091

NACHI Tool Genesis Co., Ltd.

Metal Band Saws Tel: +81-(0)76-425-2281 Fax: +81-(0)76-424-3183

NACHI Tool Technology Co., Ltd.

Taps Tel: +81-(0)76-456-2556 Fax: +81-(0)76-471-2632

NACHI Bearing Manufacturing Co., Ltd.

Bearings Tel: +81-(0)76-478-2098 Fax: +81-(0)76-479-1081

NACHI Nihonkai Bearing Co., Ltd.

Bearings Tel: +81-(0)76-478-2171 Fax: +81-(0)76-478-2173

Hokuriku Kinzoku Co., Ltd.

Bearings Tel: +81-(0)76-451-5217 Fax: +81-(0)76-451-9203

NACHI Toyama Bearing Co., Ltd.

Bearings Tel: +81-(0)76-467-2201 Fax: +81-(0)76-467-2203

NACHI Yatsuo Bearing Co., Ltd.

Bearings Tel: +81-(0)76-454-2627 Fax: +81-(0)76-454-4343

NACHI Tateyama Bearing Co., Ltd.

Bearings Tel: +81-(0)76-424-8848 Fax: +81-(0)76-424-8832

NACHI Tohoku Seiko Co., Ltd.

Hydraulic Equipment and Printing Press Parts Tel: +81-(0)23-686-2116 Fax: +81-(0)23-686-2119

NACHI Hydraulics Co., Ltd.

Hydraulic Equipment Tel: +81-(0)76-469-3829 Fax: +81-(0)76-469-3823

Toyama Atsuen Co., Ltd.

Special Steels Tel: +81-(0)76-437-5806 Fax: +81-(0)76-438-9270



FUJIKOSHI Technical High School



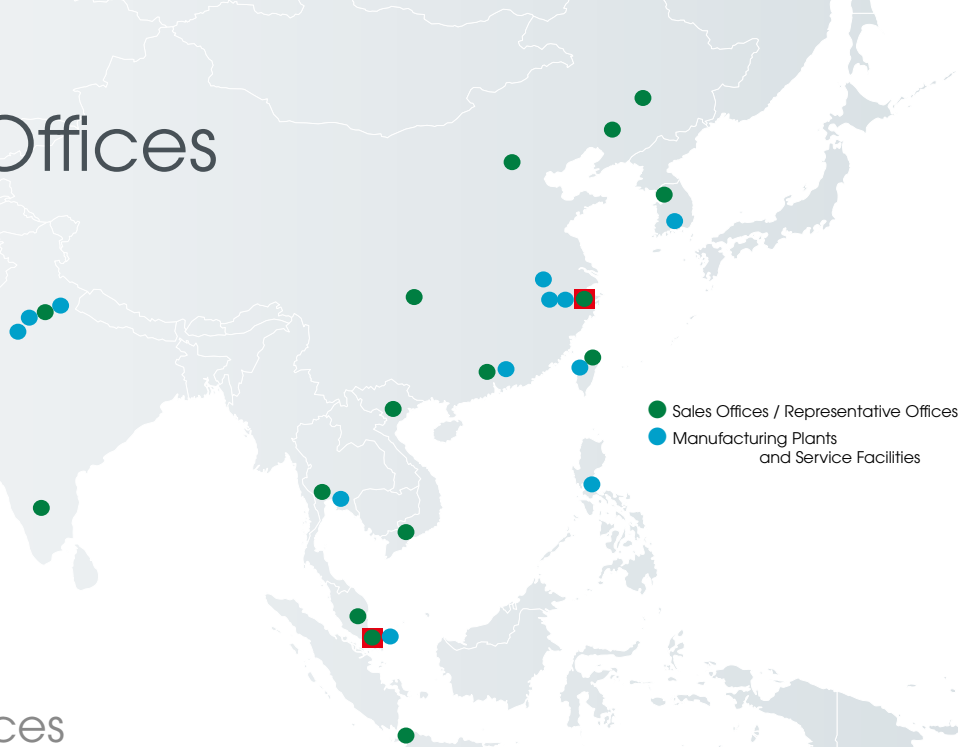
FUJIKOSHI Hospital



FUJIKOSHI Guesthouse "Muhenkaku"

# Plants and Offices Worldwide

## Asia & Oceania



## Sales Offices and Representative Offices

### ●NACHI SINGAPORE PTE. LTD.

No.2 Joo Koon Way, Jurong Town,  
Singapore 628943, SINGAPORE  
Tel : +65-65587393  
Fax : +65-65587371

### ●VIETNAM REPRESENTATIVE OFFICE (HANOI)

6FL., PV Phu Tho Tower, 148 Hoang  
Quoc Viet, Cau Giay, Hanoi, VIETNAM  
Tel : +84-4-3767-8605  
Fax : +84-4-3767-8604

### ●VIETNAM REPRESENTATIVE OFFICE (HO CHI MINH)

4FL., Yoco Bld., 41 Nguyen Thi Minh Khai  
St., Dist. 1, Ho Chi Minh, VIETNAM  
Tel : +84-8-3822-3919  
Fax : +84-8-3822-3918

### ●FUJIKOSHI-NACHI (MALAYSIA) SDN. BHD.

No.17, Jalan USJ 21/3, 47630 UEP  
Subang Jaya, Selangor Darul Ehsan, MALAYSIA  
Tel : +60-(0)3-80247900  
Fax : +60-(0)3-80235884

### ●PT.NACHI INDONESIA

TEMPO PAVILION I, 7FL JL. HR Rasuna  
Said Kav. 10-11 Setiabudi Jakarta Selatan  
DKI Jakarta -12950 INDONESIA  
Tel : +62-21-527-2841  
Fax : +62-21-527-3029

### ●NACHI (SHANGHAI) CO., LTD.

11F Royal Wealth Center, No.7 Lane 98  
Danba Road, Putuo District, Shanghai,  
200062, CHINA  
Tel : +86-(0)21-6915-2200  
Fax : +86-(0)21-6915-5427  
URL : <http://www.nachi-china.com.cn/>

### ●BEIJING BRANCH

Room 1111, Kuntai international Mansion,  
Building O, Yi No.12 Chao Wai Street, Chao  
yang District, Beijing 100020, CHINA  
Tel : +86-(0)10-5879-0181 Fax : +86-(0)10-5879-0182

### ●CHONGQING BRANCH

Room 1506, Building C, Sincere Center  
No.68 Yanghe Road, Jiangbei District,  
Chongqing 400020, CHINA  
Tel : +86-(0)23-8816-1967 Fax : +86-(0)23-8816-1968

### ●SHENYANG BRANCH

Room304, No.1 Yuebin Street, Shenhe  
District, Shenyang 110000, CHINA  
Tel : +86-(0)24-3120-2252 Fax : +86-(0)24-2250-5316

### ●GUANGZHOU BRANCH

101, Building 1, Science&Technology  
Park, No.1 Kehui, Kexue Road, Luogang  
District, Guangzhou 510662, CHINA  
Tel : +86-(0)20-8200-6163 Fax : +86-(0)20-8200-6163

### ●CHANGCHUN OFFICE

Room1810, Minghan International  
Building, No.3333 Jingyang Road,  
Changchun City, Jilin Province, 130062,  
CHINA  
Tel : +86-(0)431-8939-5595 Fax : +86-(0)431-8939-5595



### ●NACHI (AUSTRALIA) PTY. LTD.

Unit 1, 23-29 South Street, Rydalmere,  
N.S.W. 2116, AUSTRALIA  
Tel : +61-(0)2-9898-1511  
Fax : +61-(0)2-9898-1678  
URL : <http://www.nachi.com.au/>

### ●MELBOURNE OFFICE

38 Melverton Drive, Hallam, Victoria,  
3803, AUSTRALIA  
Tel : +61-(0)3-9796-4144  
Fax : +61-(0)3-9796-3899

### ●BRISBANE OFFICE

7/96 Gardens Drive Willawong  
Queensland 4110, AUSTRALIA  
Tel : +61-(0)7-3272-4714  
Fax : +61-(0)7-3272-5324  
URL : <http://nachirobotics.com.au/>



### NACHI SINGAPORE PTE. LTD.

Established : 1975 Products : Cutting Tools,  
Bearings and Hydraulic Equipment

### NACHI INDUSTRIES PTE. LTD.

Established : 1979 Products : Cutting Tools



### NACHI (SHANGHAI) CO., LTD.

Established : 2004

Products :

Cutting Tools, Bearings, Hydraulic Equipment,  
Special Steels, Machine Tools and Robot



### NACHI (AUSTRALIA) PTY. LTD.

Established : 1970

Products : Cutting Tools, Machine Tools, Robot,  
Bearings and Hydraulic Equipment

## Manufacturing Plants and Service Facilities

### ●NACHI-FUJIKOSHI CORP. TAIPEI REPRESENTATIVE OFFICE

No.109, Kao Young North Rd, Lung-Tan  
Hsin, Tao-Yuan Hsien, TAIWAN  
Tel : +886-(0)3-411-7776  
Fax : +886-(0)3-471-8402

### ●NACHI-FUJIKOSHI CORP. KOREA REPRESENTATIVE OFFICE

BY Center 2F, 56, Seoungsuilro,  
Seongdong-Gu, Seoul, 04782, KOREA  
Tel : +82-(0)2-469-2254  
Fax : +82-(0)2-469-2264

### ●NACHI TECHNOLOGY (THAILAND) CO., LTD. ●BANGKOK SALES OFFICE

Unit 23/109(A), Fl.24 Sorachai Bldg.,  
Sukhumvit 63 Road(Ekamai),  
Klongtonnua, Wattana, Bangkok 10110,  
THAILAND  
Tel : +66-2-714-0008  
Fax : +66-2-714-0740

### ●NACHI KG TECHNOLOGY INDIA PTE. LTD.

●GURGAON HEAD OFFICE  
Unit No.207, 2nd Floor, Sewa Corporate  
Park, MG Road, Iffco Chowk,  
Gurgaon 122001, Haryana, INDIA  
Tel : +91-(0)12-4450-2900  
Fax : +91-(0)12-4450-2910

### ●BANGALORE OFFICE

F-11 Asha Chamber, No2, Venkata  
Swami Raju Road, Kumara Park West,  
Bangalore-560020, INDIA  
Tel : +91-(0)80-3920-8701  
Fax : +91-(0)80-3920-8700

### ●NACHI TECHNOLOGY (THAILAND) CO., LTD.

5/5 M, 2, Rojana Industrial PARK Nongbua,  
Ban Khai, Rayong, 21120, THAILAND  
Tel : +66-38-961-682  
Fax : +66-38-961-683

### ●NACHI INDUSTRIES PTE. LTD.

No.2 Joo Koon Way, Jurong Town,  
Singapore 628943, SINGAPORE  
Tel : +65-68613944  
Fax : +65-68611153  
URL : <http://www.nachinip.com.sg/>

### ●NACHI PILIPINAS INDUSTRIES, INC.

1st Avenue, Manalac Compound, Sta. Maria  
Industrial Estate, Bagumbayan, Taguig,  
Metro Manila, PHILIPPINES  
Tel : +63-(0)2-838-3620  
Fax : +63-(0)2-838-3623

### ●NACHI KG TECHNOLOGY INDIA PTE. LTD.

Plot No. Sp-86, Nic(M)Neemrana, Riico  
Industrial Area, Alwar-301705,  
Rajasthan, INDIA  
Tel : +91-(0)14-9467-1300  
Fax : +91-(0)14-9467-1310

### ●NACHI MOTHERSON PRECISION PTE. LTD.

179, Sector4, IMT Manesar, District,  
Gurgaon-122 050, Haryana, INDIA  
Tel : +91-124-4936-000  
Fax : +91-124-4936-022

### ●NACHI MOTHERSON TOOL TECHNOLOGY LTD.

D-59-60, Sector-6, Noida 201301, Distt.  
Gautam Budh Nagar, U.P. INDIA  
Tel : +91-120-425-8372  
Fax : +91-120-425-8374

### ●NACHI (JIANGSU) INDUSTRIES CO., LTD.

39 Nanyuan Road, Economic and  
Technological Development Zone (South),  
Zhangjiagang, Jiangsu 215618, CHINA  
Tel : +86-512-3500-7616  
Fax : +86-512-3500-7615

### ●DONGGUAN NACHI C.Y. CORP.

Dangyong Village, Hongmei Town  
Dongguan City, Guangdong 523160,  
CHINA  
Tel : +86-(0)769-8843-1300  
Fax : +86-(0)769-8843-1330

### ●SHANGHAI NACHI BEARINGS CO., LTD.

Yitong Industry Zone  
258, Fengmao Rd. Malu Town, Jiading,  
Shanghai 201801, CHINA  
Tel : +86-(0)21-6915-6200  
Fax : +86-(0)21-6915-6202

### ●SHANGHAI NACHI SAW CO., LTD.

1F, 5Building,33Forward Road,  
Malu Town, Jiading,  
Shanghai 201818, CHINA  
Tel : +86-(0)21-6915-5899  
Fax : +86-(0)21-6915-5898

### ●NACHI C.Y. CORP.

No.109, Kao Young North Rd, Lung-Tan  
Hsin, Tao-Yuan Hsien, TAIWAN  
Tel : +886-(0)3-471-7651  
Fax : +886-(0)3-471-8402

### ●DAESUNG-NACHI HYDRAULICS CO., LTD.

289-22, Yusan-Dong, Yangsan-Si  
Gyeongnam 626-230, KOREA  
Tel : +82-(0)55-371-9700  
Fax : +82-(0)55-384-3270



**NACHI TECHNOLOGY (THAILAND) CO., LTD.**

Established : 1999  
Products : Bearings, Cutting Tools,  
Hydraulic Equipment and Robot



**NACHI (JIANGSU) INDUSTRIES CO., LTD.**

Established : 2012  
Products : Cutting Tools, Hydraulic Equipment,  
Automotive Hydraulics and Robot



**NACHI KG TECHNOLOGY INDIA PTE. LTD.**

Bearing production and sales/  
production start July 2013



**SHANGHAI NACHI BEARINGS CO., LTD.**

Established : 2004 Products : Bearings



**DONGGUAN NACHI C.Y. CORP.**

Established : 2001 Products : Bearings



# America & Europe

- Sales Offices / Representative Offices
- Manufacturing Plants and Service Facilities

## Sales Offices

### ●NACHI AMERICA INC. HEADQUARTERS

715 Pushville Road, Greenwood, Indiana,  
46143, U.S.A.  
Tel : +1-317-530-1001  
Fax : +1-317-530-1011  
URL : <http://www.nachiamerica.com/>

#### ●WEST COAST BRANCH

12652 E. Alondra Blvd. Cerritos,  
California, 90703, U.S.A.  
Tel : +1-562-802-0055  
Fax : +1-562-802-2455

#### ●MIAMI BRANCH -LATIN AMERICA DIV.

2315 N.W. 107th Ave., Doral, Florida,  
33172, U.S.A.  
Tel : +1-305-591-0054/0059/2604  
Fax : +1-305-591-3110

### ●NACHI CANADA INC.

89 Courtland Ave., Unit No.2, Concord,  
Ontario, L4K 3T4, CANADA  
Tel : +1-905-660-0088  
Fax : +1-905-660-1146  
URL : <http://www.nachicanada.com/>

### ●NACHI ROBOTIC SYSTEMS INC.

42775 West 9 Mile Road Novi, Michigan,  
48375, U.S.A.  
Tel : +1-248-305-6545  
Fax : +1-248-305-6542  
URL : <http://www.nachirobotics.com/>

#### ●TORONTO BRANCH OFFICE

89 Courtland Ave., Unit No.2, Concord,  
Ontario, L4K 3T4, CANADA  
Tel : +1-905-760-9542  
Fax : +1-905-760-9477

#### ●MEXICO BRANCH

Calle Tequisquiapan 2, Aerotech  
Industrial Park, Localidad Galeras,  
Municipio de Colon, Queretaro,  
C.P.76295, MEXICO  
Tel : +52-442-161-0639

### ●NACHI MEXICANA, S.A. DE C.V.

Calle Tequisquiapan 2, Aerotech Industrial  
Park, Localidad Galeras, Municipio de Colon,  
Queretaro, C.P.76295, MEXICO  
Tel : +52-442-161-0639

### ●NACHI BRASIL LTDA. ●SAO PAULO BRANCH

Av. Paulista 453, Primeiro Andar,  
Cerqueira Cesar, Sao Paulo-SP, CEP :  
01311-000, BRASIL  
Tel : +55-11-3284-9844  
Fax : +55-11-3284-1751  
URL : <http://www.nachi.com.br/>

#### ●BUENOS AIRES SALES OFFICE

Juncal 1268, B1714 MFD, Ituzaingo,  
Buenos Aires, ARGENTINA  
Tel : +54-911-15-3593-2828



#### NACHI AMERICA INC.

Established : 1962  
Products : Cutting Tools, Machine Tools, Bearings,  
Hydraulic Equipment and Special Steels

#### NACHI TECHNOLOGY INC.

Established : 1974 Products : Bearings

#### NACHI TOOL AMERICA INC.

Established : 2005 Products : Cutting Tools



#### NACHI CANADA INC.

Established : 1989  
Products : Cutting Tools and Bearings



#### NACHI EUROPE GmbH

Established : 1967  
Products : Cutting Tools, Machine Tools,  
Robots, Bearings,  
Hydraulic Equipment and Special Steels

- Sales Offices / Representative Offices  
● Manufacturing Plants and Service Facilities

## Manufacturing Plants and Service Facilities

### ●NACHI EUROPE GmbH

Bischofstrasse 99, 47809, Krefeld,  
GERMANY  
Tel : +49-(0)2151-65046-0 Fax : +49-(0)2151-65046-90  
URL : <http://www.nachi.de/>

### ●SOUTH GERMANY OFFICE

Pleidelsheimer Strasse 47, 74321,  
Bietigheim-Bissingen, GERMANY  
Tel : +49-(0)7142-77418-0 Fax : +49-(0)7142-77418-20

### ●SPAIN BRANCH

P.I. EL MONTALVO III c/Segunda, 6.  
Portal 1-2ª, Oficina 5 37188-Carbayosa  
de La Sagrada Salamanca - Espana,  
SPAIN  
Tel : +34-(0)923-197-837 Fax : +34-(0)923-197-758

### ●CZECH BRANCH

Obchodni 132, 251 01 Cestlice, Prague  
CZECH  
Tel : +420-(0)255-734-000 Fax : +420-(0)255-734-001

### ●U.K. BRANCH

Unit 3, 92, Kettles Wood Drive Woodgate  
Business Park, BIRMINGHAM B32 3DB,  
U.K.  
Tel : +44-(0)121-423-5000 Fax : +44-(0)121-421-7520

### ●TURKEY BRANCH

Ataturk Mah. Mustafa Kemal Cad. No:  
10/1A 34758 Atasehir / Istanbul,  
TURKEY  
Tel : +90-(0)216-688-4457 Fax : +90-(0)216-688-4458

### ●NACHI TECHNOLOGY INC.

713 Pushville Road, Greenwood, Indiana,  
46143, U.S.A.  
Tel : +1-317-535-5000  
Fax : +1-317-535-8484  
URL : <http://www.nachitech.com/>

### ●NACHI TOOL AMERICA INC.

717 Pushville Road, Greenwood, Indiana,  
46143, U.S.A.  
Tel : +1-317-535-0320  
Fax : +1-317-535-0983

### ●NACHI ROBOTIC SYSTEMS INC.

●INDIANA SERVICE CENTER  
715 Pushville Road, Greenwood, Indiana,  
46143, U.S.A.  
Tel : +1-502-517-1553  
Fax : +1-317-535-3659

### ●SOUTH CAROLINA SERVICE CENTER

1310 Garlington Road, Suite L,  
Greenville, SC 29615, U.S.A.  
Tel : +1-864-458-8000  
Fax : +1-864-458-8256

### ●NACHI MEXICANA, S.A. DE C.V. ●ENGINEERING CENTER

Calle Tequisquiapan 2, Aerotech  
Industrial Park, Localidad Galeras,  
Municipio de Colon, Queretaro,  
C.P.76295, MEXICO  
Tel : +52-442-161-0639

### ●NACHI TECHNOLOGY MEXICO, S.A. DE C.V.

Calle Tequisquiapan 2, Aerotech Industrial  
Park, Localidad Galeras, Municipio de Colon,  
Queretaro, C.P.76295, MEXICO  
Tel : +52-442-153-2424

### ●NACHI BRASIL LTDA.

Avenida João XXIII, No.2330, Jardim São  
Pedro, Mogi das Cruzes, S.P., CEP  
08830-000, BRASIL  
Tel : +55-11-4793-8800  
Fax : +55-11-4793-8870  
URL : <http://www.nachi.com.br/>

### ●NACHI CZECH s.r.o.

Prumyslova 2732, 440 01 Louny, CZECH  
Tel : +420-415-930-930  
Fax : +420-415-930-940



### NACHI TECHNOLOGY MEXICO, S.A. DE C.V.

Products : Bearings  
Production to start Autumn 2016

### NACHI MEXICANA, S.A. DE C.V.

Established : 1982  
Products : Bearings and Cutting Tools



### NACHI BRASIL LTDA.

Established : 1972  
Products : Bearings and Cutting Tools



### NACHI CZECH s.r.o.

Established : 2003  
Products : Bearings

# Exhibition and Related Facilities

## NACHI "MONOZUKURI" Center

We exhibit and demonstrate our products, technological seeds and the linkage between our operations as "NACHI Brand".



Showroom



### NACHI History Museum

The exhibition shows the history of the company from its foundation.



### Quality Assurance Dept.

Our Quality Assurance Dept. is equipped with a three-dimensional measurement room and a precision measurements room.

### ROBOT FA Exhibition Hall

Exhibits of many examples of automated production lines.



## NACHI-FUJIKOSHI Museum



## NACHI-FUJIKOSHI Selva

NACHI-FUJIKOSHI Selva is a recreation center with accommodation facilities, where we offer our dealers and customers around the world opportunities to get together and hold workshops and other functions.





# Management

## Directors

<b>President</b>	<b>Hiroo Honma</b>	General Manager of Sales Strategies Headquarters and Chairman of Compliance Committee
<b>Managing Director</b>	<b>Kenji Susukida</b>	General Manager of Corporate Planning Department, Deputy General Manager of Sales Strategies Headquarters, in charge of Robot Division, China, Compliance Promotion, Legal Affairs
<b>Managing Director</b>	<b>Isao Hori</b>	In charge of Technology Development, Quality Assurance
<b>Managing Director</b>	<b>Hidenori Hayashi</b>	Deputy General Manager of Sales Strategies Headquarters, in charge of Sales in Central Japan, North, Central and South America, Japanese Sales Administration
<b>Managing Director</b>	<b>Masayuki Kobayashi</b>	In charge of Finance & General Affairs, Sales in Hokuriku, Risk Management
<b>Director</b>	<b>Kazuo Tsukahara*</b>	
<b>Director</b>	<b>Toru Inoue</b>	Chairman of NACHI AMERICA INC.
<b>Director</b>	<b>Tetsu Furusawa</b>	Deputy General Manager of Sales Strategies Headquarters, Deputy General Manager of Corporate Planning Department, in charge of Human Resources & Training, ASEAN, Korea, Taiwan and India, Overseas Sales Administration
<b>Director</b>	<b>Tadataka Hori</b>	In charge of Procurement
<b>Director</b>	<b>Shinichi Urata</b>	General Manager of Technology Development
<b>Director</b>	<b>Yutaka Tsukamoto</b>	General Manager of Cutting Tools Division, Deputy General Manager of Sales Strategies Headquarters, in charge of Sales in West Japan
<b>Director</b>	<b>Masatoshi Akagawa</b>	General Manager of Robot Development
<b>Director</b>	<b>Akira Kunisaki</b>	General Manager of Robot Division

## Auditors

<b>Full-Time Corporate Auditor</b>	<b>Hiroshi Yamada</b>
<b>Full-Time Corporate Auditor</b>	<b>Masashi Hori</b>
<b>Full-Time Corporate Auditor</b>	<b>Masakazu Yamazaki*</b>
<b>Corporate Auditor</b>	<b>Eiichi Fukushima*</b> (Attorney-at-Law, NISHIMURA & ASAH, Of Counsel)

\*Outside director or outside corporate auditor



## Corporate Officers

<b>Hideaki Hara</b>	Director of Robot Business Center, NACHI (SHANGHAI) CO., LTD.
<b>Shigeru Togashi</b>	President of NACHI (SHANGHAI) CO., LTD., President of NACHI C.H. DONGGUAN CORP
<b>Yusabourou Nomura</b>	General Manager of Eastern Japan Branch Office, in charge of Business Operations in Tokyo
<b>Satoshi Hamamoto</b>	President of NACHI (JIANGSU) INDUSTRIES CO., LTD.
<b>Tetsuo Koshihama</b>	General Manager of Material Division, Director of Higashi Toyama Plant
<b>Tsutomu Kurosawa</b>	General Manager of Bearing Division
<b>Noboru Miura</b>	Deputy General Manager of Sales Strategies Headquarters
<b>Kouichi Watanabe</b>	Fellow, Chief Engineer of Bearing Division
<b>Yukihiro Shoji</b>	Deputy General Manager of Technology Development
<b>Ryohei Nobetani</b>	General Manager of Machine Tools Division
<b>Noritsugu Sasaki</b>	General Manager for Promotion of Overseas Sales Strategies of Bearings CH (Asia), Sales Strategies Headquarters, Sales Manager for East Asia

# Financial Highlights

NACHI-FUJIKOSHI CORP. and Subsidiaries Years ended November 30, 2011, 2012, 2013, 2014 and 2015

## Consolidated Financial Summary

	Millions of yen					Thousands of U.S.dollars
	2011	2012	2013	2014	2015	2015
Net sales	166,023	172,259	175,697	218,225	218,535	\$1,779,311
Domestic sales	101,914	110,283	105,739	118,461	115,910	943,738
Overseas sales	64,109	61,976	69,957	99,763	102,624	835,564
Overseas sales ratio	38.6%	36.0%	39.8%	45.7%	47.0%	47.0%
Operating income	14,643	10,639	12,338	18,574	18,945	154,250
Ordinary income	12,913	9,111	11,698	18,419	17,316	140,986
Net income	10,016	4,585	6,706	9,934	11,593	94,390
Net income per share (yen)	40.29	18.44	26.98	39.98	46.9	38.19¢
Cash dividend per share (yen)	6.0	6.0	6.0	8.0	10.0	8.14¢
Total assets	179,791	187,181	207,916	255,680	268,112	2,182,966
Shareholders' equity	58,198	61,900	77,121	91,545	109,306	889,969
Equity ratio	32.4%	33.1%	37.1%	35.8%	38.3%	38.3%

## Consolidated Balance Sheets

Assets						Thousands of U.S.dollars
	Millions of yen					2015
	2011	2012	2013	2014	2015	2015
Current assets	89,443	92,704	101,135	127,328	126,695	\$1,031,550
Notes and accounts receivable	38,192	38,612	39,896	49,906	48,584	395,570
Inventories	32,790	33,611	35,448	44,345	45,879	373,546
Fixed assets	90,347	94,476	106,780	128,351	141,416	1,151,408
Property, plant and equipment	76,235	78,295	82,354	94,566	103,606	843,559
Intangible assets	391	448	716	932	1051	8,557
Investments and advances	13,720	15,732	23,709	32,852	36,758	299,283
Total assets	179,791	187,181	207,916	255,680	268,112	\$2,182,966

Liabilities and Net Asset Value						Thousands of U.S.dollars
	Millions of yen					2015
	2011	2012	2013	2014	2015	2015
Current liabilities	75,377	66,154	79,292	103,331	98,407	\$801,229
Notes and accounts payable	36,758	33,979	38,918	47,483	41,988	341,866
Bonds & short-term debt	25,216	18,595	23,795	32,765	37,827	307,987
Long-term liabilities	43,456	55,802	47,263	54,779	60,398	491,760
Bonds and long-term debt	30,556	42,189	31,328	31,392	35,026	285,181
Total liabilities	118,834	121,956	126,556	158,111	158,805	1,292,989
Shareholders' equity	58,198	61,900	77,121	91,545	102,554	834,994
Common stock	16,074	16,074	16,074	16,074	16,074	130,874
Additional paid-in capital	11,560	11,561	11,561	11,561	11,650	94,854
Retained earnings	40,218	43,312	48,527	56,970	67,118	546,474
Profit on valuation of stock	2,074	2,700	7,094	8,656	10,475	85,287
Translation adjustments	△10,173	△10,468	△4,744	753	△1,070	△8,711
Minority interests	2,758	3,324	4,238	6,023	6,752	54,974
Total net assets	60,957	65,224	81,360	97,569	109,306	889,969
Total liabilities and net assets	179,791	187,181	207,916	255,680	268,112	\$2,182,966

U.S.dollar amounts are converted for convenience only at ¥122.82 per U.S.dollar, the rate prevailing on November 30, 2015



## Consolidated Sales by Operation

	Millions of yen					Thousands of U.S.dollars
	2011	2012	2013	2014	2015	2015
Cutting Tools	25,775	27,126	28,037	32,337	33,623	\$273,758
Machine Tools	19,283	24,381	22,632	24,319	20,600	167,725
Robots	10,361	10,875	13,155	18,201	21,274	173,212
Bearings	64,171	63,616	64,566	81,189	77,906	634,310
Hydraulic Equipment	31,430	31,913	33,655	44,407	48,573	395,481
Special Steels	14,017	13,352	12,646	16,643	15,485	126,078
Others	982	993	1,004	1,125	1,071	8,720
Total	166,023	172,259	175,697	218,225	218,535	\$1,779,311

## Capital Expenditures

	Millions of yen					Thousands of U.S.dollars
	2011	2012	2013	2014	2015	2015
Non-Consolidated	7,900	6,900	4,800	9,900	11,400	\$92,000
Consolidated	10,100	13,300	12,600	20,600	23,200	188,000

## Number of Associates

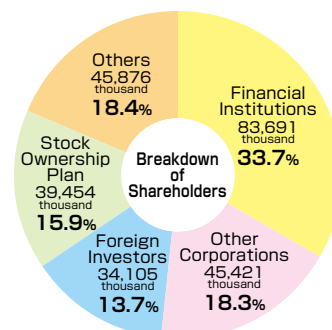
	Persons				
	2011	2012	2013	2014	2015
Non-Consolidated	2,600	2,670	2,760	2,800	2,850
Domestic Subsidiaries	1,600	1,550	1,520	1,520	1,540
Overseas Subsidiaries	1,450	1,630	1,790	1,980	2,170
Consolidated	5,650	5,850	6,070	6,300	6,560

## Shareholder Information

Shareholder Information	Major Shareholders	Shares(thousand)	Ratio(%)
Issued Stock : 249,193 thousands shares (as of the end of Nov. 2015) (Of which, 645 thousands are common shares for treasury)	NACHI WANEI Stockholding	19,392	7.80
	Employees Stock Ownership Plan	13,186	5.31
	TOYOTA MOTOR CORPORATION	13,182	5.30
	The Bank of Tokyo-Mitsubishi UFJ, Ltd.	11,888	4.78
Number of Shareholders : 24,285	The Hokuriku Bank, Ltd.	8,659	3.48

Note: Common shares for treasury (645 thousands shares) were excluded when calculating ownership of shares.

Breakdown of Shareholders	Number of Shareholders	Ratio(%)	Shares (thousand)	Ratio(%)
Financial Institutions	135	0.56	83,691	33.67
Other Corporations	329	1.35	45,421	18.28
Foreign Investors	192	0.79	34,105	13.72
Stock Ownership Plan	4	0.02	39,454	15.87
Others	23,625	97.28	45,876	18.46
Total	24,285	100.00	248,548	100.00



## Major Banking Relationships

The Bank of Tokyo-Mitsubishi UFJ, Ltd.  
The Hokuriku Bank, Ltd.  
Sumitomo Mitsui Trust Bank, Limited  
Mitsubishi UFJ Trust and Banking Corporation  
Mizuho Bank, Ltd.

# History of NACHI-FUJIKOSHI

**NACHI-FUJIKOSHI was founded with the express aim of becoming a domestic manufacturer of cutting tools and machine tools in the trend towards industrial modernization. The Company's business activities expanded greatly in the first 20 years since its founding.**

- 1928** FUJIKOSHI STEEL INDUSTRY CO., Ltd. was founded in Toyama City by the founder, Kohki Imura.
- 1929** NACHI hacksaw blades were chosen as a superior example of Japanese manufacturing technology and were personally inspected by the Emperor Showa.  
The NACHI trademark was adopted from the name of the Emperor's ship.
- 1934** The company gained recognition as an all-round domestic manufacturer of precision cutting tools. installed the latest European and American machinery.
- 1937** established FUJIKOSHI Technical High School.
- 1938** Higashi-Toyama Steel Mill started operation.  
established integrated manufacturing system covering materials through to final production.
- 1939** began production of bearings.  
established Machine Tools Dept. to supply own company plants with internally manufactured machinery.
- 1940** Business further expanded to 18 plants in Japan and number of employees increased to 36,000.  
established FUJIKOSHI Hospital.

**NACHI-FUJIKOSHI attained the position of a "total machinery manufacturer" as the result of an active management policy during the high economic growth period in the 1950's to 1960's**

- 1945** expanded product line-up to include hand tools, food industry machinery, bicycles, and motorcycles.
- 1953** developed Christmas tree type broaches for jet engines.
- 1955** began marketing with large OEM customers in Europe and America.
- 1958** began production of hydraulic equipment.
- 1962** Company restructured along divisional lines (cutting tools, bearings, machine tools and special steels).  
established NACHI AMERICA INC.
- 1963** changed Company name to NACHI-FUJIKOSHI CORP.  
developed bearings and its materials for the Bullet Train "Shinkansen".

**NACHI-FUJIKOSHI is aiming at becoming a mechatronics manufacturer in keeping with technical innovation and internationalization.**

- 1964** began production of industrial furnaces.
- 1967** opened office in Germany.
- 1969** developed hydraulic industrial robots.  
established Machine Tools Division and Hydraulic Equipment Division.
- 1972** began local production in Brazil.
- 1975** opened offices in Australia, United Kingdom, Singapore, and Canada.
- 1976** began local production in U.S.A. and Spain.
- 1979** developed first motor-driven robots for spot welding in the world.  
began local production in Singapore.
- 1984** established Robot Division and Precision Machinery Division.  
awarded the PM (Productive Maintenance) Prize.
- 1988** opened FUJIKOSHI Guesthouse "Muhenkaku" to commemorate the Company's 60th anniversary.  
began local production in Korea and Taiwan.
- 1989** established NACHI TECHNOLOGY INC., U.S.A.
- 1990** began production of handling robots.
- 1991** acquired National Broach & Machine Co. (brand name Red Ring).  
awarded the Deming Application Prize.

**NACHI-FUJIKOSHI has been steadily promoting the NACHI Business in keeping with globalization and changes in the industrial structure.**

- 1993** Masamichi Honda was appointed as President.  
management restructured due to Japan's deflationary economic environment and appreciating yen.
- 1994** cooperated with Koyo Seiko., Ltd. in the area of bearings.
- 1997** obtained ISO 9001 certification in 1995 for each division and overseas plant.
- 1998** Kensuke Imura was appointed as President. setup new corporate brand mark at the 70th anniversary.  
established NACHI Techno Square in the Toyama plant.
- 1999** set up new management system in keeping with the philosophy "Prospective Selection and Integration".  
changed eight-division structure to three main manufacturing divisions and three strategic divisions.  
concluded technical assistance agreement with TISCO (India) for the manufacture of bearings.  
comprehensive business tie-up with Sumitomo Electric Industries, Ltd. in the area of cutting tools.
- 2000** expanded overseas supply systems (Thai plant and others) to enhance sales bases.  
cooperated with Daido Steel Co., Ltd. in the material field.
- 2001** announced mid-term management plan "NACHI Business Plan 03".  
built a new factory for broaches, high speed steel wire materials, and hydraulic pumps.  
cooperated with Daihen Corporation in the robotic field. obtained ISO14001 Certification.  
introduced Meister system.
- 2002** established Marketing Strategy Headquarters and Development Headquarters.  
formed Gear Production Alliance in the gear-processing field.  
cooperated with Erasteel S.A. (France) in the high speed steels field.  
introduced performance-based salary system. expanded stock Ownership Plan.
- 2003** The 75th anniversary. built QA Lab, Kohki Hall and Development Office in NACHI-BUSINESS Galaxy.  
created a mid-term management plan, "Prospect of NACHI Business 2006".  
formed a joint venture with Shanghai Automotive Industry Corp. in bearing business.



Founder, Kohki Imura



Hacksaw blades  
the Company's first product/1929



The first published catalog of  
cutting tools in Japan/1933



developed first bearings/1939



Emperor Showa visits factory/1958



Bearings for the Bullet Train  
"Shinkansen"/1963



developed first motor-driven robots  
for spot welding in the world/1979



Coated end mill put onto  
the market/1984



Japan's first piecework  
adjustable  
broaching machine/1985

## Promoting expansion of domestic and international production and sales systems with penetration of the NACHI brand in world markets.

- 2004** moved Tokyo Head Office to Shiodome, Tokyo. increased the share capital.  
built new bearings factories in the Toyama Plant (Japan), Czech and China.  
consolidated hydraulic equipment business into the Higashi-Toyama Plant and established a new hydraulic valves factory.  
divided manufacturing of hydraulic equipment with DAESUNG-NACHI HYDRAULICS CO., LTD.  
entered into the field of seismic isolator business.
- 2005** renewed the NACHI-FUJIKOSHI Museum and Café Across (2004), and expanded NACHI COMPLEX with NACHI-BUSINESS Galaxy.  
organized business locations in America, Europe and ASEAN respectively.  
built a new factory for large-sized robots.
- 2006** launched a new HR project encouraging each employee to improve their skills.  
set up NACHI Major Dealers Meeting. strengthened the business for industrial machines.  
founded a rep.office in India.  
established a new broaches factory and a new materials factory.
- 2007** expanded the engineering business for machining in both domestic and overseas market.  
set up International Trade Headquarter, expanded overseas business.  
formed a business alliance with Sankyo Tateyama Aluminium, Inc. in magnesium business.  
built a new gear cutting tools factory, machine parts processing factory, hydraulic motor factory and YAMAGATA factory. established "R&D Material". developed the business on the industrial machinery sector by releasing the new platform robot.
- 2008** set up ASEAN Business Center in Thailand.  
built three new factories for precision bearings, bearing heat-treatment, automotive solenoid valves.  
focused on environmental and energy saving business.  
expanded the engineering business. integrated production of bearings in Europe into Czech.  
introduced anti-takeover measures.
- 2009** Hiroo Honma was appointed as President.  
started up the internal control system. integrated production of tools in the US into Indiana.  
expanded the bearing factories in Thailand and Brazil.  
assigned a representative in Turkey and expanded the business in emerging countries.
- 2010** established Central Japan Hydraulic Center to penetrate the energy and infrastructure markets.  
shifted dynamically to emerging countries. set up Robot Business Center in China.  
enhanced the structure for production, sales and services in China, ASEAN, India and South America.  
enhanced the structure for development.  
introduced the palletizing robots and penetrated the distribution infrastructure markets.  
developed transparent conductive oxide coater and high speed seam welding robots together with the alliance companies.

## Aim for long-term growth with new markets, business areas and management structure in this era of change.

- 2011** announced 2020 long-term vision and 2013 midterm business plan. revised corporate philosophy, corporate mission, and operating principles. introduced executive management system.  
revamped and strengthened manufacturing operations from four to eight divisions according to products.  
established production network in India, expanded full-scale into machinery production business.  
global simultaneous launch of extremely high speed spot welding robot in Japan and abroad.
- 2012** established production network as the core of operations for China in Jiangsu Zhangjiayang China.  
bolstered sales, production, and procurement systems in China, and advanced entrance into automotive and industrial machinery markets.  
established bearing production facilities in India, accelerated entrance into industrial machinery and automotive markets.  
introduced integrated process type gear machining equipment to the market and entered industrial machinery market.
- 2013** fully started production of tools, hydraulics, automotive hydraulics, and robots in China.  
expanded lineup of high-performance drills and enlarged market share,  
world's fastest lightweight compact robot MZ07 released simultaneously around the world.
- 2014** established 2016 midterm business plan as a milestone in 2020 long-term vision.  
established Production Technology Headquarters to develop overseas factories and integrate production technologies.  
established Sales Strategies Headquarters to plan and promote sales strategies globally.  
re-established local production of broaches and precision tools in the U.S.
- 2015** established production of round tools, such as carbide drills, in the U.S.
- 2016** established new bearing production facility in Mexico.  
newly established the forging of bearings and turning factories in Thailand to achieve an integrated production system.



AQUA drill series perform highly efficient machining under both dry and wet conditions



DH524 MQL power cell is perfect for crankshaft production lines



EX-V Series Spherical Bearings for vibration environments



Hyper Dual SP and GP Hobs



World's fastest lightweight compact robot MZ07



Energy-saving hydraulic systems Power Fit



