

**NACHI**

那智不二越(江苏)精密机械有限公司

NACHI (JIANGSU) INDUSTRIES CO.,LTD.

# 致辞

随着中国经济持续增长，汽车，建筑机械，机床等各领域取得了飞速的发展。那智不二越集团作为拥有多元化技术事业的综合机械企业，通过提供多样化商品，服务和解决方案，为中国市场的制造业作出了贡献。

那智不二越（江苏）精密机械有限公司作为株式会社不二越拓展中国事业的核心基地，位于长江三角洲的要塞之地张家港市。公司以精密刀具，液压机器，机器人，汽车电磁阀的制造为主，针对中国市场的需要，除了商品的开发，改良以外，还提供售后服务。源自日本和在世界各地广泛使用的NACHI品牌的产品也已在生产，并作为中国NACHI产品将不断提高客户满意度，增加信赖感。

## Message

In line with the expansion in China's economy, we are experiencing remarkable growth in automotive, construction equipment, machine tool and a variety of other fields.

The Nachi Group is contributing to expansion in the manufacturing world by providing a variety of products, services, and solutions to China's markets as a comprehensive machine manufacturer with multifaceted operations and technologies.

Nachi (Jiangsu) Industries was established in Zhangjiagang, Jiangsu Province, in the strategically important Yangtze (River) Delta area as the Nachi Group's key production facility in China.

We meet demands in the Chinese markets with product development, modification, and after-sales services as a manufacturer in areas such as precision cutting tools, hydraulic equipment, industrial robots, and automotive solenoids.

Created in Japan and used around the world, Nachi brand products are now being manufactured in China. We are maintaining the trust and increasing the satisfaction of customers with Nachi products from China.

# 公司简介

公司名称	那智不二越 (江苏) 精密机械有限公司
地址	江苏省张家港市经济技术开发区 (南区) 南园路39号
邮编	215618
电话	0512-3500-7616
传真	0512-3500-7615
经营内容	精密刀具, 液压机器, 工业机器人, 汽车电磁阀及相关零部件的开发, 生产, 销售及售后服务
注册资本	2,100万美元
设立	2012年3月 (2013年2月投产)
用地面积	约54,000平方米



## Company overview

Company name	NACHI (JIANGSU) INDUSTRIES CO., LTD.
Address	39 Nanyuan Road, Economic and Technological Development Zone (South), Zhangjiagang, Jiangsu, China (Zip 215618)
Telephone	0512-3500-7616
Fax	0512-3500-7615
Products	Product development, design, manufacture, sales, and after-sales services for precision cutting tools, hydraulic equipment, industrial robots, automotive solenoids and related parts
Capital	USD 21 million
Established	March 2012 (In production February 2013)
Site size	Approx. 54,000m <sup>2</sup>



# 产品

## 精密刀具

那智不二越作为切削刀具的综合生产厂家, 业务范围广泛, 涉及钻头, 立式铣刀, 拉刀, 齿轮刀具等多种行业。我们从加工方法的拟定, 刀具的选型, 再研磨, 到刀具使用寿命的维持等各个环节精益求精, 以满足客户的加工需求。

敝公司主要从事汽车零部件等生产过程中不可或缺的刀具...拉刀和搓齿板的再研磨及表面涂层修复工作。我们作为专业的刀具生产厂家, 可充分发挥技术专长, 将其打造成新品般的快刀利刃。

### Precision cutting tools

As a comprehensive manufacturer of cutting tools, Nachi Fujikoshi handles a wide variety of tools from drills, endmills, broaches, and gear cutting tools to support the machining needs of customers throughout the lifecycle of their tools, including instructions on machining methods, the selection of tools, and regrinding. We regrind broaches and forming racks, which are essential to the production of automotive parts and other products. By capitalizing on our knowledge of manufacturing as a cutting tool manufacturer, we sharpen tools so they are as good as new.

拉刀  
Broaches



搓齿板  
Forming racks

拉刀的再研磨  
Regrinding a broach



## 液压设备

在中国, 与住宅, 水利等城镇化相关的公共基础设施建设正在快速发展, 小型以下的液压工程挖掘机的需求正在扩大。那智不二越在6吨以下的迷你型挖掘机拥有世界第一的市场份额, 充分发挥其小型, 节能的特性而被越来越多的大型挖掘机厂家所采用。

另外, 被称为工作母机的机床, 如今在中国的需求量也是第一, 对机械的精度, 效率以及低能耗等性能都有要求。在机床等产业机械领域中被广泛使用的那智NSP系列液压泵站, 以其丰富的升级性能以及超低能耗广博好评。

现在在敝公司已将这些建筑机械用的液压机器与液压泵站开始实现本地化生产。

### Hydraulic Equipment

The infrastructure for urbanization in China (such as for housing and water management) is growing, which means demand is increasing for hydraulic excavators in the smaller classes. Nachi Fujikoshi has the largest share of the market for hydraulic equipment for mini excavators (under six tons). Because of its energy efficiency, manufacturers in the mid-class are using our equipment even more.

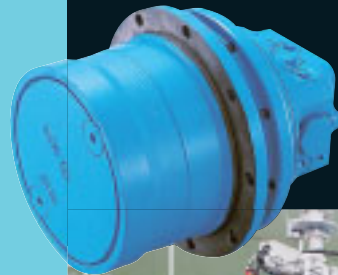
On the other hand, the highest demand in the world for machine tools, also known as mother machines, is now in China, where customers demand machinery that is precise, efficient, and consumes little energy.

Nachi Fujikoshi's NSP series of hydraulic units, which are used for production machinery and many other machine tools, are very popular because of their energy savings and extensive lineup. We are producing these hydraulic units and hydraulic products for construction equipment.

NSP系列  
超低能耗液压泵站  
NSP series energy-saving  
hydraulic units



行走马达  
Drive motors



回旋马达  
Rotation motors



行走马达的组装与性能检查  
Assembly and performance  
inspections of drive motors



# 机器人

那智不二越不仅于1979年首次开发出全世界第一台电动型多关节机器人，还在重型搬运；7轴机器人等机器人行业中起着引领技术发展的作用。今后随着中国经济的高速发展，劳动力不足问题会不断深化，人工作业自动化·机器人化将成为发展主流。敝公司及时应对客户需要，生产世界上动作最快的SRA系列及码垛用LP等系列机器人，并领先其它制造厂家率先在中国境内进行生产。

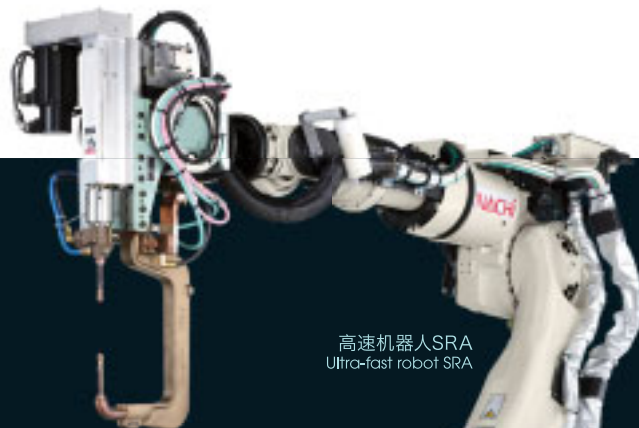
此外，敝司不仅生产机器人，并建有指导机器人安装及使用的机器人学校，各种售后服务等一套让客户放心使用的服务体系。

## Robots

Nachi Fujikoshi developed the world's first electric-drive, articulated welding robot in 1979 and then continued with heavy lifting, 7-axis, and other robots, blazing trails in the industrial robot industry.

In the future in China, the need for automation and robotization of manual work is expected to increase as it has been said that the fast economic expansion will cause a shortfall in the labor pool. To respond to customer needs in a timely manner, our company began production in China before other manufacturers. We are manufacturing our flagship SRA series called the "Robots that are all for speed" and our LP series of palletizing robots, making high-speed palletizing possible. In the future, we will be increasing production models.

We are doing more than just manufacturing robots. By learning to operate robots at our newly opened robot school and by the complete array of after-sales services we provide, we are building a system so our customers can use our products with complete confidence.



高速机器人SRA  
Ultra-fast robot SRA



码垛机器人  
Palletizing robot LP

# 汽车用液压组件

敝公司生产的汽车电磁阀用于汽车自动变速器(AT,CVT)，通过控制变速离合器和供给压力等实现变速无振动；流畅、舒适的驾驶感觉。那智的汽车液压阀是通过在建筑机械和产业机械领域培育出的高压，高精度液压技术，与汽车轴承培育出的高信赖性和量产技术融合一体的产品。在高精度、高应答性的基础上追求小型化和轻量化，积极开发出了业界最小型的电磁阀等。

## Automotive solenoid valve

The automotive solenoid valves we produce are used in automatic transmissions (AT and CVT) where they make driving smooth and comfortable by controlling the line pressure and clutch pressure when changing speeds. Nachi Fujikoshi's automotive hydraulic products emerged through a fusion of the high reliability and mass production technology developed for manufacturing automotive bearings and the high pressure and excellent precision hydraulic technology developed in the fields of construction and production equipment. We are already making advances as we develop solenoid valves that are the smallest in the industry as we work for lighter, smaller, higher responsiveness, and greater precision.



超小型三向阀  
Compact proportional valves



小型比例阀  
Compact proportional valves

使用机压油对全部性能项目实施确认检查  
Using transmission oil for complete performance tests





# 技术中心

## 研究开发中心

那智不二越多数的产品在日本开发、设计。但是，在中国扎根的生产公司将吸收中国市场的需求，同日本总公司携手进行产品的改良，开发，给客户提供适应中国市场的商品。为此设置了可评价产品性能并进行耐久试验等的研究开发中心。

## R&D center

Nachi Fujikoshi develops and designs most products in Japan. However, as a China based manufacturer, we are working to satisfy demand in the Chinese market. We are cooperating with the main office to improve and develop products so we can supply to customers with products that suit the Chinese market. To do this, we built our own R&D center and facilities to test durability and evaluate the performance of our products.



## 展示厅、公开演示厅

那智不二越的产品涉及多领域，不在敝公司生产的商品也很多。为了介绍那智不二越集团的全貌，在介绍那智不二越集团概要的同时，使那智产品集聚一堂，根据各领域的需要设置了展示厅。由于仅靠展示厅还不足以让人理解和明白，故而设置了机器人实际演示，刀具和机床实际加工的演示区域，从而能更直观地确认机器的运转状态。我们还准备了多个可容纳近200人的会议室，TV会议室及多功能厅。

## Showroom and demonstration area

Nachi Fujikoshi has a wide variety of products, some of which we do not produce. We have built a showroom to exhibit all the Nachi Fujikoshi products gathered together according to the field in which they are used, in addition to brief explanations of the Nachi Group. We have also built demonstration areas where cutting tools and machine tools are operated and robots are used because they are easier to understand when people can see them in action. Our range of meeting rooms can handle groups of up to 200 people and can also provide video conferencing.



# 那智不二越集团的主要事业

## 机床刀具事业

### 刀具

钻头, 立式铣刀, 丝锥, 金属锯条, 拉刀, 滚刀, 剃刀, 小齿轮切削刀具, 搓齿板

### 机床

拉刀研磨机, 搓齿机, 光整加工机床, 电动机, 磨床

### 超精密加工机械

非球面加工机, 精密切片机, 平面磨床



## 功能部件事业

### 轴承

汽车轴承, 工业机床轴承

### 液压机器

建筑机械用液压机器, 工业机械用液压机器

### 汽车液压零件

汽车电磁阀 (三向阀, 比例阀), 汽车液压装置



## 材料事业

### 特种钢

高功能超合金, 预硬棒材, 极细硬质线材

### 工业炉

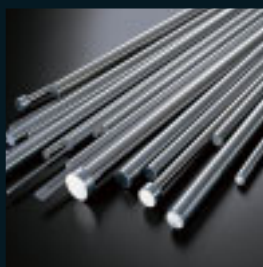
真空渗炭炉, 真空脱脂净化装置, 表面涂层



## 机器人事业

### 机器人

焊接·搬运机器人, 超大型·重物搬运机器人, 无尘室用机器人



## Machine & Cutting Tools

### Cutting tools

Drills, endmills, taps, metal band saws, broaches, hobs, shaving cutters, gear shaper cutters, forming racks

### Machine tools

Broaching machines, forming machines, power finishers, power cells, grinders

### Precision Machinery

Aspheric generators, precision slicing machines, surface grinders



## Components

### Bearing

Automotive bearings, industrial machinery bearings

### Hydraulic equipment

Hydraulic equipment for construction equipment, hydraulic equipment of production machinery

### Automotive hydraulics

Automotive solenoid valves (3-way valves and proportional valves), automotive hydraulic units

## Materials

### Special steels

High-performance alloys, pre-hardened rods, Micron Hard

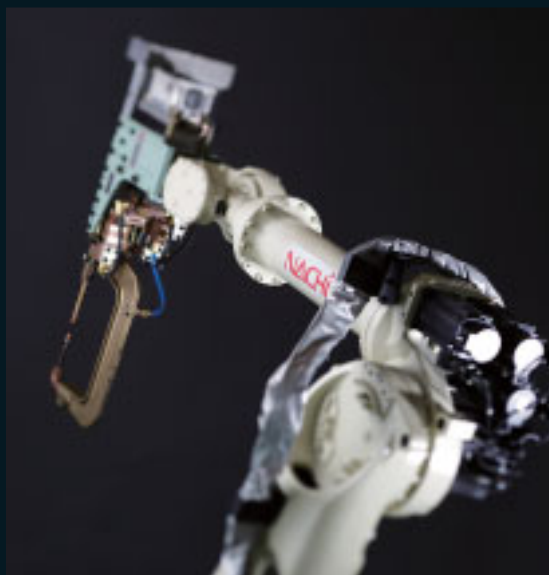
### Industrial furnaces

Vacuum carburizing furnaces, vacuum degreasing equipment, and coatings

## Robots

### Robots

Robots for welding and loading, robots for super large and heavy loads, robots for clean rooms





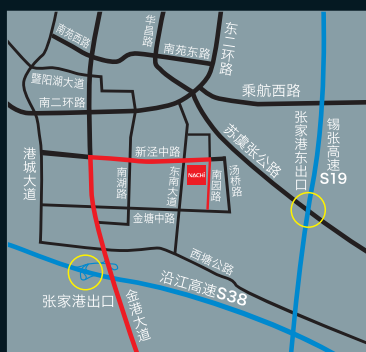
## 那智不二越(江苏)精密机械有限公司

地址: 江苏省张家港经济技术开发区(南区)南园路39号

总机	TEL: 0512-3500-7616	
管理部	TEL: 0512-3500-7611~7613	FAX: 0512-3500-7615
精密工具制造部	TEL: 0512-3500-7622	FAX: 0512-3500-7632
液压器制造部	TEL: 0512-3500-7620	FAX: 0512-3500-7631
机器人制造部	TEL: 0512-3500-7624	FAX: 0512-3500-7636
汽车液阀门制造部	TEL: 0512-3500-7617~7619	FAX: 0512-3500-7629

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

39 Nanyuan Road, Economic and Technological Development Zone (South), Zhangjiagang, Jiangsu, CHINA (Zip 215600)  
Tel: +86-512-3500-7616 Fax: +86-512-3500-7615



张家港出口下, 驾车6分钟到本公司  
張家港東出口下, 驾车10分钟左右到本公司



## 那智集团在中国

### 营业基地

#### 那智不二越(上海)贸易有限公司

销售: 工具, 轴承, 液压器, 特殊钢, 机床, 机器人  
上海市普陀区丹巴路98号龙裕财富中心11层  
Tel: 021-6915-2200 Fax: 021-6915-5427

### 生产, 服务基地

#### 东莞建越精密轴承有限公司

轴承的制造  
广东省东莞市洪梅镇洪梅大道汇景酒店对面  
Tel: 0769-8843-1300 Fax: 0769-8843-1330

#### 上海不二越精密轴承有限公司

轴承的制造  
上海市嘉定区马陆镇丰茂路258号 易通工业园邮编 201801  
Tel: 021-6915-6200 Fax: 021-6915-6202

#### 耐锯(上海)精密刀具有限公司

带锯余的制造  
上海市嘉定区马陆镇丰茂路258号 易通工业园 邮编201801  
Tel: 021-6915-5899 Fax: 021-6915-5898

## Other NACHI Group Companies in China

### Sales Company

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

Cutting Tools, Bearings, Hydraulic Equipment, Special Steels, Machine Tools and Robot  
11F Royal Wealth Center, No.7, Lane98, Danba Road, Putuo District,  
Shanghai 200062, CHINA  
Tel: +86-(0)21-6915-2200 Fax: +86-(0)21-6915-5427

### Manufacturing Companies

#### DONGGUAN NACHI C.Y. CORPORATION

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

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

Bearings  
Yitong Industry Zone258, 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.

Band saw blades  
Yitong Industry Zone258, Fengmao Rd, Malu Town, Jiading,  
Shanghai 201801, CHINA  
Tel: +86-(0)21-6915-5899 Fax: +86-(0)21-6915-5898