

[Company Profile]

Address	5 Arata, Naka-ku, Taka-cho, Taka-gun Hyogo Prefecture 679-1102, Japan
URL	http://www.nittopolygon.com/en.html
E-mail	toiawase@nittopolygon.com
No. of employees	35
Capital	21 million yen
Established	June 1958
Representatives	Koichi Fujisaka, Chairman Go Nishihara, President

[Business Overview]

Manufacture and sales of machine tools such as polygon machines, slotters, oil country lathes, and BTA machines; OEM customization of various machines

[Technology]

Striving to win new customers,
we participate in such exhibitions as Mechatronics Technology Japan (MECT)



Large-scale high-precision slotter



Digitization of hand scraping technique

We at Nitto Polygon Co., Ltd. share our business mission, “To produce creative and reliable products and contribute to the development of an affluent society,” at our offices and on our company profile pages. We also

operate under the motto “benevolence (仁: *jin*), righteousness (義: *gi*), courtesy (礼: *rei*), wisdom (智: *chi*), and trust (信: *shin*).” Our company believes that every employee should excel in all these five values; they should aim to be a “benevolent” person with compassion to others, a worker with a “righteous” mind doing the right thing, someone “courteous” or properly mannered, a “wise” individual with good judgement, and a “trustworthy” employee whom everyone can rely on. Many times, before we introduce our products to the market, we are requested by users to have a polygon machine or slotter perform certain tasks, and every year the level of machining accuracy demanded by customers increases. Yet, in our sales activities, we have never stopped doing our best to satisfy our customers’ needs. To provide them with what they want, we strive hard to adopt equipment that possesses high-precision-machining capabilities, to assemble our own teams of craftsmen capable of performing hand scraping (for precision surfaces) with a high accuracy of 0.001 mm, and to develop products with the help of our highly skilled suppliers.

As employee training and development is indispensable for providing high quality products, we have recently adopted a tutoring system. Under this system, inexperienced younger workers are closely looked after by workers a few years older than them. By experiencing a teacher-apprentice relationship, both the older worker, who gives support, and the younger worker, who has someone to talk to when facing difficulties, can possibly grow and learn. Moreover, since it is essential that all employees share information among each other to secure the high quality of our products, pre-work meetings are held by all work teams every morning. At those meetings, a report on the previous day’s events is presented for every employee to think about how any problems that arise should be solved; every day we make sure that any problems that emerge are dealt with as quickly as possible. That is how we achieve and maintain the high quality of our products.

[History of development]

Our company was originally founded in Yodogawa Ward in Osaka City. In 1991, seeking an environment where more sophisticated manufacturing would be possible, we relocated ourselves to Taka-cho in Hyogo Prefecture, where enough space for large sized equipment was available. It was then that our name was changed to the present name, Nitto Polygon Co., Ltd. In 1996, we developed a process to produce NC pipe benders as an OEM, and many other achievements followed. Fortunately, our solid technological prowess has allowed us to continuously increase our sales. At the same time, with the aim of cultivating new market areas, we have been steadily expanding our product line-up with the addition of BTA machines, which we have continued to produce since 2007, and large-scale CNC slotters, which we have been manufacturing since 2013.

[Originality]

With the aim of founding the basis of a new technology that can incorporate analog manufacturing (traditional craftwork) into digital manufacturing (the application of computer-aided design and manufacturing techniques), we have been cooperating with the University of Hyogo, regional enterprises, and municipalities, to assist the

development of the “Takumi no Waza” (Traditional Craftwork) project, which supports the development of techniques and training of talent suitable for the needs of today’s business world and regional communities. As part of this project, our company has promised to provide technical assistance in the digitization of the hand scraping technique, which belongs to the category of analog manufacturing. If we, in collaboration with the University of Hyogo, succeed in the digitization of hand scraping, then the hand scraping technique may become something much easier to master. For that to happen, we are supporting this project to the best of our abilities.

[Future development]

We have our own space at an exhibition hall run by the Osaka Machine Tool Distributor Co-Operation (OMDC), which is a distribution center in Higashiosaka, a city well-known for being a manufacturing hub. Many small and medium-sized enterprises reserve their spaces there to show their exhibits. Since there is more room available for us, we are thinking about placing more products for exhibition. In addition, to meet the demand of our customers, we are planning to manufacture small and large sized slotters, further expanding our product line-up.

[Corporate History]

- 1950 The first President Waichi Fujisaka originally creates the company in Yodogawa Ward, Osaka City
- 1958 Nitto Koki Co., Ltd. formally established at 5-8-19 Shintaka, Yodogawa Ward, Osaka City
- 1966 Developed polygon machines
- 1991 Relocated to Taka-cho, Hyogo Pref. and renamed Nitto Polygon Co., Ltd.
- 1996 Started the production of NC pipe benders as an OEM
- 2009 Obtained ISO9001 certification
- 2013 Started production of CNC slotters
- 2014 Started production of oil country lathes
- 2016 Junior Managing Director Go Nishihara becomes President
President Koichi Fujisaka becomes Chairman
- 2017 Participated in the “Takumi no Waza” Project organized by University of Hyogo
Certified as a Hyogo “Only-One” Company