



## Greetings from the president

**Increasing precision, brushing up the speed,  
responding to the trust.**

**This is what we are PROUD of.**

Established in March 2013 in Ayutthaya, Thailand, Kyowa NT (Thailand) Co., Ltd. is a joint venture between Kyowa Kogyo Co., Ltd. and National Tool Co., Ltd. in Japan. Kyowa Kogyo is a manufacturer of automotive and electronic parts that has been supporting "manufacturing" of Japanese high-quality products for more than 60 years, whereas National Tool is well known for precision machining that fully utilizes special tools developed in-house. With three unique and distinctive techniques from both companies, which are Kyowa Kogyo's machining center techniques, National Tool's NC lathing techniques and special tools, our mission is to provide Japanese quality products rapidly and in a reasonable price to makers that expanded their business to South East Asia. All of our staffs strive to meet and exceed the expectations of our customers. I do hope that you give us further guidance and support.



## Parent Companies in Japan



Name	Kyowa Kogyo Co., Ltd.
Address	631-1 Ipponmatsu, Numazu, Shizuoka TEL : (+81) 55-966-1205
Establishment	June 1957
Capital	10,000,000 Yen (Authorized Capital 50,000,000 Yen)
Representative	President : Mr. Masatoshi Hayashi
Employee	97 Persons
Main Business	Precision machining by machining center, lathe and finishing
Product Line	Automotive parts etc.



Name	National Tool Co., Ltd.
Address	11400-238 Tamagawa, Chino-shi, Nagano TEL : (+81) 266-70-1400
Establishment	October 1987
Capital	40,500,000 Yen
Representative	Managing Director : Mr. Masaaki Morozumi
Employee	100 Persons
Main Business	Producing and selling special tools, precision machining by lathe and finishing
Product Line	Special cutting tools and automotive parts
Web Site	www.n-tool.co.jp



## Company Information

Name	Kyowa NT (Thailand) Co., Ltd.
Address	1/85, 1/87 Moo 5, Rojana Industrial Park, Rojana Rd., T. Kanharm, A. U-Thai, Ayutthaya 13210 THAILAND (TEL) +66 35-330-431 (FAX) +66 35-330-433
Establishment	March 2013
Capital	62,200,000 THB
Representative	President : Mr. Masaaki Morozumi
Employee	200 Persons
Main Business	Precision machining and finishing by CNC lathe/machining center
Product Line	Automotive parts, electronic parts, aerospace parts and other machining parts in general
Web Site	www.kwnt.co.th



## Machine List

CNC Auto Lathe (66 m/c)	B0205-II, 206-III BS20B-V B020F BM165 SR-32J II Type A SR-20J Type C SB-20R/G, /GB SR-10J Type C BL-12V K16, K16E -VIIP C-16VII A20-VIPL A20-3F7, 3F7C A25-3F7 B20 L25E-2M9	7 TSUGAMI 7 TSUGAMI 4 TSUGAMI 2 TSUGAMI 5 STAR 5 STAR 10 STAR 3 STAR 2 CITIZEN CINCOM 3 CITIZEN CINCOM 1 CITIZEN CINCOM 3 CITIZEN CINCOM 4 CITIZEN CINCOM 5 CITIZEN CINCOM 1 CITIZEN CINCOM 4 CITIZEN CINCOM
NC Lathe (22 m/c)	X-10i X-10 Hi server GSL-15, 10H QTN-150/500 BND-20S5 TC-200	5 TAKAMAZ 2 TAKAMAZ 10 TAKAMAZ 1 MAZAK 3 MIYANO 1 TAKISAWA
Machining Center (27 m/c)	Robodrill α-D14MiA Robodrill α-T21iFe Robodrill α-T14iFse EV360T, BE130 TC-S2C-0, S2B-0 TC-S2A R450X1	6 FANUC 4 FANUC 5 FANUC 2 ENSHU 5 BROTHER 1 BROTHER 4 BROTHER
[Other]		
General Purpose Lathe	TAL-450	1 TAKISAWA
ID Grinding Machine	C220(X)	1 TSUGAMI
Centerless Grinder	MD-450-RT OC-20BR-200	1 MICRON 1 OHMIYA
Centerless Grinder(In-Feed Type)	MEC-450	1 MICRON
Semi Auto Buffing Machine	BUFA-01	1 KYOWA KOGYO
Manual Buffing Machine	TFO-FK(MOTOR)	3 KYOWA KOGYO
Auto Washing Machine	WAA-01	1 KYOWA KOGYO
Hydrocarbon Washing Machine	FVH2-3040CV MVH1-3040	1 CLEANVY 2 CLEANVY
Wire Cut Machine	SP43	1 MAKINO
[Measuring Machines]		
Image Dimension Measuring System	IM Series	2 KEYENCE
Surface and Contour Measuring Instrument	Surfcom 1910SD3 Series Surfcom 5000SD-T	2 ACCRETECH 1 ACCRETECH
Roundness and Cylindrical Profile Measuring Instrument	Rondcom 43C-S Rondcom 44SD3	1 ACCRETECH 1 ACCRETECH
3D Coordinate Measuring Machine	XYZAX nju NEX-C4	1 TOKYO SEIMITSU
Digital Measuring Microscope	SVP-2010, iMS-2010	3 ARCS
Residual Measuring Machine	DY300, GR-200, UP2	1 YAMATO SCIENTIFIC A&D Company Limited
Automatic Measuring Machine		2 F-1 Tools, TGK

## Main Customers

JATCO (THAILAND) CO.,LTD.  
HITACHI METALS (THAILAND) LTD.  
BOSCH DIESEL LTD. (CZ)  
NABTESCO AUTOMOTIVE PRODUCTS (THAILAND) CO.,LTD.  
NIDEC TOSOK (VIETNAM) CO., LTD.  
CKD THAI CORPORATION LTD.  
FORTUNE CROSS (THAILAND) CO.,LTD.  
LINEX PRECISION (THAILAND) CO.,LTD.  
NATIONAL TOOL CO., LTD.  
KYOWA KOGYO CO., LTD.



**Kyowa NT (Thailand) Co., Ltd.**

## Company Profile





## CNC Machining Technique

### Machining of difficult-to-cut material by combined machining.

Kyowa NT has both swiss-type automatic lathe and NC lathe machines. By developing excellent combined machining techniques and building the latest production line, we supply aluminum, brass, steel and stainless-steel parts to major automobile manufacturers.

An automobile is a block of high-tech developed from cutting-edge technologies and high safety is always expected. For this reason, our products are inspected by highly skilled inspectors giving us the confidence in the quality of our products and we have been supporting comfortable and safe car society behind the scenes.

By utilizing special tool' s techniques cultivated over the years by the parent company, National Tool, Kyowa NT aims to produce products with high difficulty by designing efficient machining process and maintaining high precision.



### Our Strength: Synergy Circle

Kyowa NT inherits NC machining techniques that use special tools from National Tool and machining center techniques from Kyowa Kogyo. As a joint venture company, Kyowa NT has a unique characteristic developed from countless experiences and technologies cultivated over the years by both companies enabling us to demonstrate a great synergistic effect.

We are able to perform machining of difficult-to-cut materials that might be challenging for other companies, and of course, combined and complex machining by machining center + NC lathe is also our strength.

What supports good reputation of Japanese quality today is the high level of technology embedded in each product. Also, especially in automobile which is considered to be a block of high-tech developed from cutting-edge technologies, high safety is always expected. We have the confidence in the quality of our products and able to respond to our customers' trusts.

### Machining Center Machining Technique of KYOWA KOGYO

### NC Lathe Machining Technique of NATIONAL TOOL

### Special Cutting Tools of NATIONAL TOOL

## Machining Center Machining Techniques

### Technique that utilizes cutting-edge functions to create various shapes.

Machining centers are widely used in manufacturing and these machines have an automatic tool changing function which can perform different kinds of machining such as milling, boring and tapping all in one machine. To expand range of machining, Kyowa NT utilizes machining centers in order to produce products with high precision and high complexity that cannot be done just by combined machine or NC lathe machine. Various shapes can be cut out by machining center, from heavy cutting parts to fine machined parts, and high rotating speed widens machining range, from fine hole to oblique hole machining with high difficulties. Moreover, by adding machining center process, higher efficiency may be acquired compared to finishing cut by lathe only.

We carefully select appropriate machines using the techniques cultivated by one of the parent companies, Kyowa Kogyo, to produce products efficiently. This can lead to short lead time and low costs to satisfy our customer' s needs.



## Our Products



## Quality Policy

For quality control, we brought in various measuring equipment, such as Image Measuring Machine, Roughness and Contour Measuring Machine, Roundness Measuring Machine, Digital Measuring Microscopes, 3D Coordinate Measuring Machine and Residual Measuring Machine. Quality status in the production process is constantly being inspected and monitored by sampling inspection and we strive for thorough quality control with the goal of "Zero quality claims" and "100% delivery on time".



## IATF16949, ISO9001 Certified

In September 2018, in order to strengthen our Quality Management System, we have acquired IATF16949:2016 and ISO9001:2015 certifications. Kyowa NT strives to improve service continuously and upgrade the level of QMS to ensure stable supply of safe high-quality products that comply with international standards.

