

# T-n e w s

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2018 Winter

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## New Year's Message

I would like to extend to you our greetings for a happy New Year.

First of all, I would like to express my deepest gratitude for being able to celebrate this New Year together with everyone.

Looking back on last year, our overall performance was underpinned by the steady demand in Japan throughout the year.

This is entirely because of the continued support of our customers and I would like to take this opportunity to express my gratitude to all of you.

Looking at last year's overseas demand, the demands in Thailand and Vietnam recovered gradually. As for our own overseas activities, we established affiliate companies in Vietnam and Mexico for the purpose of further promoting sales in foreign markets and enhancing our services. Furthermore, through our participation in foreign trade shows and other activities throughout the year, we found good prospects for achieving solid results.

In addition, last year we began to actively promote work-style reforms within our company. We also intend to continue pouring efforts into improving our products and services so that we can provide our customers with *machines that enable work-style reforms* by offering products that improve efficiency, save labor, and reduce costs.

This year we will be celebrating our 70th anniversary.

We have planned private shows and a variety of other activities for this special year as ways to express our appreciation to customers, partner companies, and distributors who have continued to support us over the years. Alongside the implementation of commemorative events, we will also enhance our production capacity by making equipment investments at the earliest time possible.

Last but not least, I wish you good health and success in the coming year and always.

President  
Kiyoshi Takamatsu



## Celebrating Our 70th Anniversary

TAKAMATSU MACHINERY CO., LTD. will celebrate its 70th anniversary in September 2018.

This is entirely because of the continued support of many people including our machine users around the world, our dealers, our partner companies, and our employees. I would like to express my sincere gratitude to everyone.

We will continue to provide *profit making machines* that support our customers' manufacturing activities. We look forward to continue serving our customers and working together with our partners for many more years to come.

To celebrate our 70th anniversary, we will be implementing a variety of activities in 2018. The following are some of the main activities.

- |   |  |
|---|--|
| ●Presenting travel gift vouchers worth 100,000 yen to users (located in Japan) who enter into a contract with us at or above a certain amount | April 2018 to March 2019                                     |
| ●Presenting a certificate of appreciation to high-performing dealers  | Scheduled in May 2018<br>(at the Nationwide Dealers Meeting) |
| ●Special private show in Hiroshima  | Scheduled in June 2018                                       |
| ●Private show at our headquarters (new products launching event and commemoration party)  | September 20 and 21, 2018                                    |
| ●Party for foreign users and dealers  | November 3, 2018   |

※The above dates and contents may change.

■70th anniversary commemoration logo

70<sup>th</sup>  
SINCE 1948



## This year we will propose an even fuller lineup

Full Line Up

\*Some photos show machines with special specifications.

### X series

1-spindle 1-turret

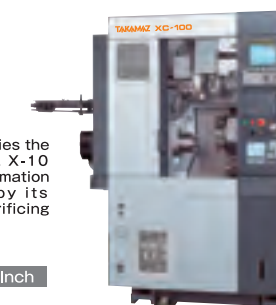


#### XC-100

This is a 6-inch machine that carries the DNA makeup of the TAKAMAZU X-10 model. For a machine with an automation loader, it is characterized by its space-saving design without sacrificing floor space.



6 Inch



#### XC-150

This is an 8-inch class general-purpose lathe. Its 1.85m floor space achieves the same level as previous 6-inch class machines. It is characterized by an angled slide construction and high rigidity.



8 Inch



### Shaft Cutting Machine

#### X-S700

Greatly helps to shorten takt times through simultaneous turning with twin turrets, and supports long workpieces with the servo-driven tailstock. Also improves operability with an approach distance to the spindle of 370mm.



8 Inch (10 Inch)



#### XTT-500

An 8-inch, twin turrets machine specializing in 450mm size shaft machining. Holds a high rigidity capable of heavy duty cutting and maintaining accuracy for an extended period of time. Various options are also available including a tailstock and a steady rest unit.



8 Inch (10 Inch)



#### XTT-500M

This is a compound precision lathe featuring power tools on upper/lower twin turrets as standard. A total of eight power tools can be mounted on the upper and lower turrets, expanding the range of machining. Workpieces with a turning diameter of up to  $\phi 210$ mm and length of up to 400mm can be handled.



8 Inch



#### XL-100

The top of the line, 6-inch general-purpose lathe with a wealth of option specifications, such as tailstock and milling specifications, that carries the DNA makeup of the TAKAMAZU X-10 model.



6 Inch (8 Inch)



#### XL-150

Starting with the highest in the 8-inch class  $\phi 20$ mm milling capability, this machine has the advantage of increased shaft size and increased power capable to shorten cycle times.

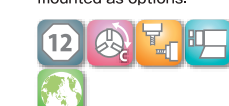


8 Inch (10 Inch)



#### XL-200

8-inch class, achieving heavy cutting + a variety of compound machining for long shaft work to a maximum of  $\phi 340$ mm, and 720mm maximum length. In addition, a 10-inch chuck, sub-spindle, and tail stock can be mounted as options.



8 Inch (10 Inch)





# XD series

2-spindle 1-slide



## XD-8(t) PLUS

This is equipped with two high-precision collets made by TAKAMAZ. The tool slide can be selected from a Gang type and turret type, and it is possible to achieve high-efficiency production states.

5 Inch



## XD-10i

This is a 6-inch chuck lathe that uses a structure with two spindles and one turret, and has a rich history of achieving zero loading time.

6 Inch (8 Inch)



# XY series

Multi-turning



## XY-120 PLUS

This is a 6-inch class machine that can be loaded with sub-spindle, power tools, Y-axis controls, and even sub-turret, achieving compound product machining.

Main: 6 Inch Sub: 5 Inch



## XY-2000 PLUS

Capable of bar work up to Max.  $\phi 65$ mm and of performing compound machining driving 24 power tools with combined #1 and #2 turrets.

#1-2 spindle: 8 Inch



# GSL series

1-spindle 1-turret



## GSL-10H

This is a 6-inch machine pursuing the ultimate in cost performance. Its compact design takes up little floor space, with a machine width of 1,610mm and depth of 1,390mm. It combines a "practicality" and "durability" that can be used with confidence, even overseas. (Only the hollow chuck cylinder specifications are available.)

6 Inch



## GSL-15 PLUS

This is an 8-inch lathe in the acclaimed GSL series that realizes excellent cost performance. With more thorough rationalization than previous models, it achieves even greater compactness. In addition to improved operability and maintainability, it is also possible to keep tabs on machine information using IoT.

8 Inch



# Skiving Machine

1-spindle 1-turret



## SKV-8

This machine specializes in skiving, which achieves a high quality surface finish. The benefits of both cycle time reduction and machine integration can be attained by eliminating the grinding process with this innovative machine. Machine rigidity is heightened to enable skiving, and parts up to  $\phi 180$ mm in size and 370mm in length can be machined.

Limited exclusively to domestic sales in Japan



## TAKAMAZ original collet chucks

We are manufacturing collet chucks developed in-house as the TAKAMAZ brand in a dedicated plant with an integrated system that has rationalized the processes from machining to heat treatment. We offer a reliable product to everyone by setting a TAKAMAZ standard that exceeds the JIS standard for collet runout accuracy.



# XG series

1-spindle 1-slide (Gang type)



## XG-4

A 4-inch built-in motor equipped spindle is installed as a standard feature to achieve higher accuracy and shorter spindle acceleration/ deceleration time. The machine width is only 780mm, which makes the loader transfer distance short and therefore the line width short, contributing to the reduction of installation space and cycle time. (Machine width without loader: 1,308mm)

4 Inch



# WAVE series

1-spindle 1-slide (Gang type)



## J-WAVE PLUS

A gang type lathe which is a remodeled version of J-WAVE. Highly effective when machining with short takt times.

4 Inch



# USL series

1-spindle 1-slide (Gang type)



## USL-480

This is a super-slim lathe with a machine width of 480mm. It can be effectively used with 1/3 of the space of conventional machines.

3 Inch



# TURN series

1-spindle 1-slide (Gang type)



## TOP-TURN II

This uses a Gang type table structure and has the flexibility to mount a grinding unit.







# Local Area Introduction / Hamamatsu Sales Office Shizuoka-Pref

Let's be active  
throughout  
this New Year!



Navigator

Hamamatsu Sales Office  
Hiroshi Furukawa

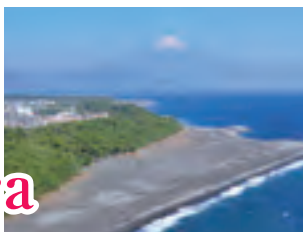
A prefecture enthusiastic about sports, Shizuoka is home to the YAMAHA Jubilo Rugby Football Club that plays in the Japan Rugby Top League and many soccer teams that play in the J. League including Jubilo IWATA, Shimizu S-Pulse, and Fujieda MYFC. In particular, Shizuoka City, which is the capital city of Shizuoka Prefecture, established the Shizuoka City Sports Promotion Plan and has been making city-level efforts to promote sports activities. The prefecture also has many wonderful tourist attractions including Mt. Fuji, Fuji Safari Park, and hot springs on the Izu Peninsula. Furthermore, in the field of manufacturing, the prefecture is known for the production of transportation equipment, musical instruments, and products for the optoelectronics industry.



Mt. Fuji in winter viewed from Lake Tanuki located at the foot of Mt. Fuji on the west side.

Recommended  
Spot

## Miho-no-Matsubara



Miho-no-Matsubara is a scenic spot located at the eastern shore of the Miho Peninsula which sticks out into Suruga Bay. More than 50,000 pine trees cover about 7km of the coastline. The grand view of Mt. Fuji, the green pine forest, and the white waves is like a gorgeous painting. This scenic spot has been selected as a World Heritage Site by UNESCO and one of the New Three Views of Japan. The Robe of Feathers Pine Tree, famous for the legend of the Celestial Maiden's Robe of Feathers, is located in this pine forest.

Recommended  
Eats

## Shizuoka Oden\*



The flavor of the *Oden* served by food stands in the vicinity of Shizuoka Station shortly after the end of WWII became the standard flavor of Shizuoka's *Oden*. The ingredients are simmered day after day while adding broth. What is unique about Shizuoka *Oden* is that all ingredients are skewered. Also, the ingredients include a Shizuoka-specific ingredient called black *hanpen* (processed fish cake). Made by processing sardines and jack mackerel including the bones, this fish cake has a unique texture and flavor. \**Oden* is a one pot winter dish consisting of processed fishcakes, vegetables, boiled eggs, and many other ingredients that are stewed in a light, soy sauce-flavored fish broth.

# TAKAMAZ

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## Famous Car Collection

Mazda  
Cosmo Sport Prototype



This sports car was the world's first mass-produced two-door coupe with a rotary engine. When it debuted at the Tokyo Motor Show in 1963, people were astonished by its beautiful appearance with smooth curving lines and its excellent performance. It was released for sale to the general public in 1967. This masterpiece performed very well in international car races with its astounding specs including a total displacement of 491cc x 2, maximum power output of 110PS, maximum speed of 185km/h, and a quarter-mile (400 meter) time of 16.3 seconds.