

Archive period Nov. 27 (Fri.) 5:00 (JST) - Dec. 11 (Fri.) 5:00 (JST), 2020 Organizers: Japan Machine Tool Builders' Association / Tokyo Big Sight Inc.

http://www.jimtof.org/online/en/index.html

# Greetings

Japan Machine Tool Builders' Association and Tokyo Big Sight Inc. held JIMTOF 2020 Online from Monday, November 16 through Friday, November 27, 2020, as the exhibition period and from Friday, November 27 through Friday, December 11, 2020, as the archive period.

We would like to express our profound gratitude to the exhibitors and the visitors as well as the many people involved with the manufacturing industry led by concerned ministries, government offices, and other groups for the cooperation and support.

JIMTOF 2020 Online, the first such online exhibition by JIMTOF, featured 403 booths by a total of 394 companies representing nine countries and regions from around the world, and attracted 112,124 visitors (multiple visits included) during the exhibition period.

The online exhibition had, in addition to product introduction using videos, various functions unique to an online event such as a business card exchange function, questionnaire survey function, and a chat function, which promoted communication between the exhibitors and visitors. The online seminars featured diverse lectures on topics such as AI, autonomous driving, and 5G, and we also held Top Seminar by Machine Tool Builders for students.

While the exhibitors and visitors acknowledged the convenience of not being affected by time or place such as being able to gather information without time constraints or the need of travelling, or to listen to seminars whenever convenient and as many times as one wants, many also expressed the desire to gather information and communicate with exhibitors at a physical exhibition citing reasons that they were not able to look at the actual exhibits and that it was not easy to inquire in detail about the products in the online format.

The next exhibition, JIMTOF 2022 (the 31st Japan International Machine Tool Fair), will be held over six days from Tuesday, November 8 through Sunday, November 13, 2022 using the entire Tokyo Big Sight facility.

The Fair Management Office will strive to further enhance the physical exhibition by leveraging the experience of the online exhibition. We look forward to your continued support and guidance and are eagerly waiting to see you at Tokyo Big Sight.

February 2021

JIMTOF Fair Management Office

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# **Outline of the Fair**

Name of Exhibition: JIMTOF 2020 Online

Organizers : Japan Machine Tool Builders' Association/Tokyo Big Sight Inc.

Supporting Organizations Cooperating Organizations : Ministry of Foreign Affairs/Ministry of Economy, Trade and Industry/Tokyo Metropolitan Government/The Japan Chamber of Commerce and Industry : Japan Machine Tool Importers' Association/Japan Forming Machinery

Association/Japan Precision Machine Association/Japan Cutting & Wear-resistant Tool Association/Japan Machine Accessory Association/Japan Precision Measuring Instruments Manufacturers Association/Japan Grinding Wheel Association/Industrial Diamond Association of Japan/Japan Optical Measuring Instruments Manufacturers' Association/Japan Fluid Power Association/Japan Testing Machinery Association/Japan Gear Manufacturers

Association

**Purpose** : For the contribution to the development of industry and trade promotion

through increased international transactions and technical exchanges of

machine tools and their related equipments.

Date : November 16 (Mon.) 10:00 a.m. (JST)- November 27 (Fri.) 5:00 p.m. (JST), 2020

\*Archive period: November 27 (Fri.) 5:00 p.m. (JST) - December 11 (Fri.) 5:00 p.m. (JST), 2020

Opening Hours : All day

\*Core time: 10:00 a.m.- 5:00 p.m. (JST) (November 16 (Mon.)- November 27 (Fri.), 2020)

Management cooperation: Nikkei Events Pro Co., Ltd.

Number of : 394

**Exhibitors** (Counted as one company even if the exhibitor had booth pages in multiple categories)

**Participating**: 9 Countries and Regions (alphabetical order)

Countries/Regions Austria, China, India, Italy, Japan, Korea, Switzerland, Taiwan, U.S.A.

**Exhibits**: Machine tools (Metal cutting, Metal forming)/Machine tool accessories/

Tools for machines (Cutting tool & wear-resistant tool)/Diamond, CBN tools/ Grinding wheels and abrasives/Gears and Gear Devices/Oil hydraulic, water hydraulic and pneumatic machinery/Precision measuring machines and instruments/Optical measuring instruments/Testing machinery/Controller and related software (CAD/CAM etc.)/Other associated machinery and

equipment, raw materials, technologies and publications

**Admission** : All visitors are requested to register (for free).

Date (JST)	Website status	Note
November 16 (Mon.) 10:00 a.m. ~November 27 (Fri.) 5:00 p.m.	During JIMTOF 2020 Online	Core time: 10:00 a.m. ~ 5:00 p.m. (JST)(including weekend and Japanese national holiday)
November 27 (Fri.) 5:00 p.m. ~December 11 (Fri.) 5:00 p.m.	Archive period	Core time: Nothing / Chat function and questionnaire is not in use.

# **Exhibition Status**

#### **■ JIMTOF 2020 Online Number of Exhibitors**

Domestic	Overseas	Total
370	24	394

<sup>\*</sup>Counted as one company even if the exhibitor had booths in multiple categories

#### ■ JIMTOF 2020 Online Exhibitor's Classification

Category	Number of exhibitors by category	%
METAL MACHINE TOOLS	133	33.0
MACHINE ACCESSORIES	60	14.9
TOOLS FOR MACHINES	52	12.9
PRECISION MEASURING / OPTICALMEASURING / TESTING MACHINE & INSTRUMENT	30	7.4
CONTROLLER, COMPUTER SYSTEM	27	6.7
DIAMOND TOOLS / GRINDING WHEEL	17	4.2
METAL FORMING MACHINE	15	3.7
HYDRAULIC & PNEUMATIC EQUIPMENTS / GEARS & GEAR SPEED REDUCER	14	3.5
OTHERS	55	13.7
Total	403	100

<sup>\*</sup>Number of exhibitors by category includes those participating in multiple categories

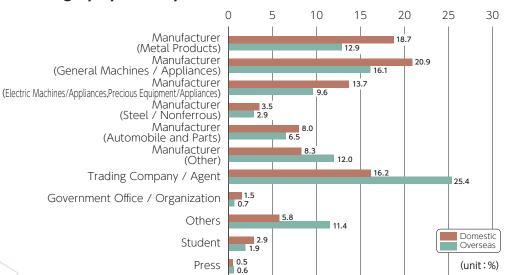
# **Visitors**

#### Number of visitors

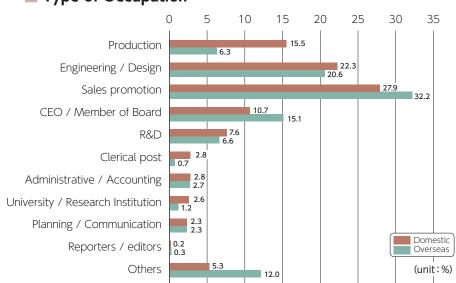
Fubilities seried	Number of Visitors (Total visitors including multiple visits *1)			Number of Visitors (Unique visitors *2)		
Exhibition period	Domestic	Overseas	Total	Domestic	Overseas	Total
Nov. 16 (Mon.)	21,085	944	22,029	21,085	944	22,029
Nov. 17 (Tue.)	15,875	784	16,659	7,897	505	8,402
Nov. 18 (Wed.)	13,108	726	13,834	4,977	399	5,376
Nov. 19 (Thu.)	10,833	677	11,510	3,443	345	3,788
Nov. 20 (Fri.)	9,784	578	10,362	2,774	255	3,029
Nov. 21 (Sat.)	1,828	126	1,954	511	48	559
Nov. 22 (Sun.)	1,018	55	1,073	261	15	276
Nov. 23 (Mon.)	2,942	342	3,284	756	133	889
Nov. 24 (Tue.)	6,996	308	7,304	1,810	116	1,926
Nov. 25 (Wed.)	7,459	352	7,811	1,812	137	1,949
Nov. 26 (Thu.)	7,359	276	7,635	1,849	101	1,950
Nov. 27 (Fri.)	8,339	330	8,669	1,884	111	1,995
Total	106,626	5,498	112,124	49,059	3,109	52,168

<sup>\*</sup>Number of visitors during the archive period (Nov. 27 [Fri.] 5:00 p.m. to Dec. 11 [Fri.] 5:00 p.m.) Total visitors including multiple visits: 20,377 people (of which, 902 from overseas) Unique visitors: 2,996 people (of which 217 from overseas) \*1 Multi-entries on the same day counted as one \*2 Multi-entries counted as one

# Category by Industry

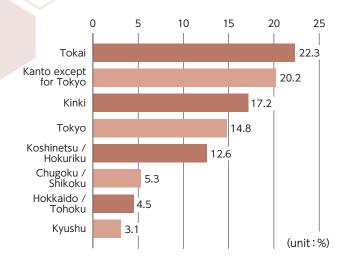


# ■ Type of Occupation

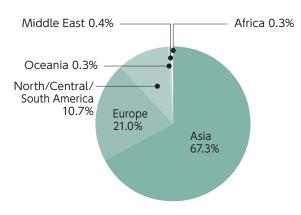


# **Visitors** (MA: Multiple Answer SA: Single Answer)

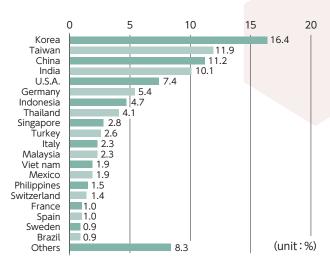
# **■ Visitors by Region (Domestic)**



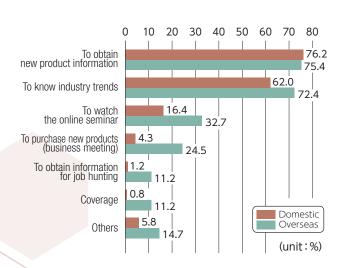
# **■ Visitors by Region (Overseas)**



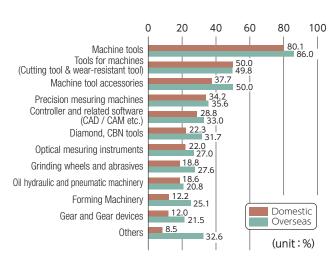
# Ratio of Visitors by Countries / Regions (Overseas)



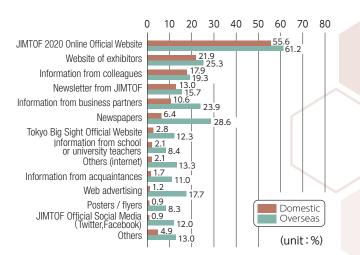
# ■ The purpose of visiting JIMTOF (MA)



# Exbitits of specific interest (MA)

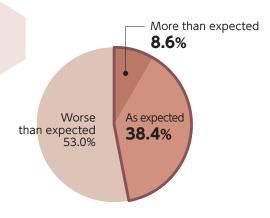


# **■ Information source about JIMTOF (MA)**



# Results of Visitor Questionnaire Survey (MA: Multiple Answer SA: Single Answer)

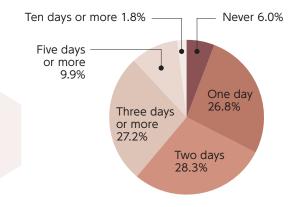
# Q1 Level of Satisfaction (SA)



- The response from the various booths was excellent and I was able to browse around the online booths comfortably. (Domestic; Engineering / Design)
- I was able to gain knowledge of new products and their trends even without going to the venue. (Domestic; Engineering / Design)
- It was possible to visit the site regardless of the time as long as it was within the exhibition duration, and one could browse and view randomly depending on one's time and convenience. (Domestic; CEO / Member of board)
- It's great to see what I want to see, at my own convenience, without worrying about crowds. (Domestic; Production)
- I listened to all the seminars and am thankful that I was able to listen to them any number of times from the archives. (Domestic; R&D)
- Difficult to ask in detail about the exhibited facilities, even if you want to. (Domestic; Production)
- The advantage of an exhibition is that if you notice some words or a product while passing, it could lead to business negotiations or new insights. This format is not vastly different from searching on websites. (Domestic; Administrative / Accounting)
- My aim was to gather information, but browsing manufacturer contents required business card exchange and it was not easy to browse comfortably. (Domestic; Sales promotion)
- We have no choice, but it is inconvenient that we cannot look at actual equipment. (Domestic; Production)
- Got the opportunity to participate in JIMTOF for the first time. (Overseas; Sales promotion)

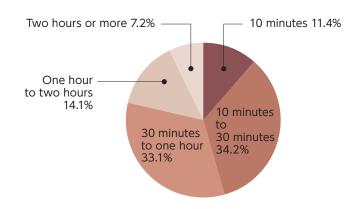
## **Q2** Number of days visited (SA)

# Number of days visited during the exhibition period (Nov. 16 [Mon.] to Nov. 27 [Fri.])



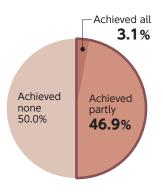
# Q3 Browsing time (SA)

#### Average browsing time during a single visit



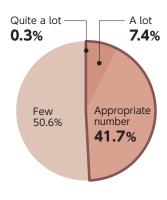
# Results of Exhibitor Questionnaire Survey (MA: Multiple Answer SA: Single Answer)

## ■ Q1 How many of your goals did you achieve? (SA)



- We were able to learn the number of potential leads we can gain in an online exhibition.
- I believed that we were able to obtain a certain level of new lead information.
- We were able to introduce a new product.
- By participating in the online exhibition, we were able to prepare product PR videos and develop our own showroom (compatible for online exhibition).
- It was hard to grasp customer responses.
- The number of inquiries is fewer compared to a regular exhibition.

# ■ Q3 How many page views did you have your exhibitor booth page? (SA)

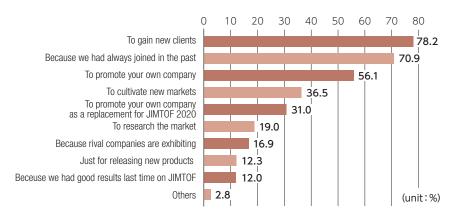


- The number of visitors was more than expected and the business card exchange function was working also on holidays, at night, and during the archive period, which was the difference I felt from regular exhibitions.
- As online exhibition is dissemination-oriented, it was difficult to find opportunities to establish contact with those who have limited interest or visiting the exhibition to gather information in general.
- The number of access from abroad was fewer than expected.
- The visitors tended to be more managerial staff and executives and there were relatively fewer visits by general employees on manufacturing floors, who actually use our products.

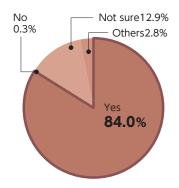
# **■** Feedback (excerpts)

- An online exhibition is easy to visit for those who have restrictions of time and place. I felt
  more people can view the exhibits if we create online booths also during regular exhibitions.
- The number of business leads we acquired was fewer than the number we would get at a regular exhibition, but the work required for participation was significantly low and as a result we were able to focus more on sales activities such as contacting clients during the exhibition period.
- The online JIMTOF gave an impression of a web catalog. I wanted to have a better feel of an exhibition as well as some mechanism for enabling not so well-known SMEs to attract visitors to their own pages.

# **Q2** Why did you choose to exhibit at JIMTOF? (MA)



# ■ Q4 Would you like to participate in the next exhibition JIMTOF 2022 as an exhibitor? (SA)



- I hope many visitors will participate from both Japan and abroad.
- In the next event, we would like to display actual exhibits and enable visitors to have a real experience.
- It would be good if the next exhibition can combine the strengths of online and physical venue.
- I feel that the visitors to JIMTOF have a strong desire to see the actual products. After all, I want to talk to customers while looking at actual products.

- It made me feel for the first time the effectiveness of a regular exhibition.
- This year, I participated for the first time in online exhibitions and among them JIMTOF had the most tangible response.
- An exhibition is one of only few ways for an SME, which cannot spend a lot on advertising, to have many people know its products.

# Structure of JIMTOF 2020 Online

## Online Exhibition

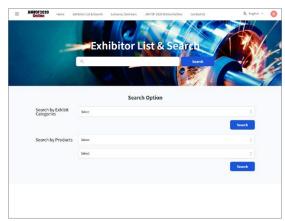
Some 394 companies from nine countries and regions around the world participated in the Online Exhibition and displayed their products, technologies, and initiatives.

The entrance page (JIMTOF 2020 Online Home) was set up with a function to search exhibitors and display areas divided into nine categories and a section for introducing new products so as to allow the visitors to access the booth page of specific exhibitors depending on their needs.

In addition to the basic functions such as introducing products using text, images, and videos, the exhibitor's booth pages were installed with functions unique to online exhibition such as questionnaire survey function, chat function, business card exchange function, and exhibitors' workshops, which enable communication between the exhibitors and visitors.



JIMTOF 2020 Online Home



Exhibitor List and Search

# **Online Seminars**

We held highly specialized seminars that only JIMTOF can offer on topics such as 5G, artificial intelligence (AI), and cutting-edge technologies as well as Top Seminar by Machine Tool Builders for students. Researchers and prominent figures in various fields including machine tools spoke in the specialized seminars and introduced the outcomes of cutting-edge research and the vision of manufacturing-related technology. In addition to scheduled broadcasting for within and outside Japan, the lectures were made available on demand so that they could be viewed anytime during the exhibition, and more than 3,000 people in total viewed the lectures.

In the Top Seminar by Machine Tool Builders targeting students, there were lectures by managers of machine tool builders and roundtable discussions with engineers from the machine tool industry. We also held an online networking event with officials from various

machine tool builders.



Keynote Speech



Special Lecture

Moving Gundam in Yokohama ~GUNDAM GLOBAL CHALLENGE~

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#### [Keynote Speech] "Bringing the joy and freedom of movement to all" -Automated Driving technology for the future mobility society-

Mr. Ken Koibuchi Senior General Manager Advanced Safety System Field, Advanced R&D and Engineering Company Toyota Motor Corporation November 16 (Mon.) 14:00~15:00



# [Seminar 1] Quantum computing:

Status and prospect of its research and development

Mr. Hidetoshi Nishimori Specially-appointed Professor Institute of Innovative Research, Tokyo Institute of Technology November 17 (Tue.) 11:00~12:00



[Seminar 2] "Make your dreams come true with manufacturing" Yuki Precision continues to challenge to become an innovator company that supports the aerospace industry.

Mr. Masato Otsubo CFO YUKI Precision Co., Ltd. YUKI Holdings Inc. November 17 (Tue.) 11:00~12:00



## [Seminar 3] On our Future Living with Al

~The truth is, AI is much more ignorant and far more intelligent~

Mr. Seiji Yamada

Professor, National Institute of Informatics / Professor, SOKENDAI / Visiting Professor, Tokyo Institute of Technology / Ex-president, advisor, JSAI November 18 (Wed.) 11:00~12:00



#### [Seminar 4] Future trend based on the basics of Additive Manufacturing using metallic materials

Mr. Hiroyuki Sasahara Professor, Department of Mechanical Systems Engineering Tokyo University of Agriculture and Technology November 18 (Wed.) 14:00~15:00



## [Seminar **6**] 5G Network creates new society service -From big data to dynamic big data-

Mr. Naoaki Yamanaka Professor, Department of Information and Computer Science, Keio University

Director, Keio Leading-edge Laboratory of Science and Technology November 19 (Thu.) 11:00~12:00



#### [Seminar 6] Industrial Disaster Prevention against Various Disasters

Mr. Nobuo Fukuwa Director of the Center Professor Disaster Mitigation Research Center Nagoya University November 19 (Thu.) 14:00~15:00



#### [Special Seminar] Moving Gundam in Yokohama ~GUNDAM GLOBAL CHALLENGE~

Mr. Yasuo Miyakawa Director of Incorporated Association GUNDAM GLOBAL CHALLENGE (President & CEO, BANDAI NAMCO Entertainment Inc.)

Mr. Shuji Hashimoto

GGC Leader (Professor emeritus of Waseda University)

Mr. Pitoyo Hartono

GGC Leader (Professor in School of Engineering, Chukyo University)

Mr. Akinori Ishii GGC Technical Director

November 20 (Thu.) 11:00~12:00



Mr. Yasuo Miyakawa Mr. Shuii Hashimoto



Mr. Pitovo Hartono



Mr. Akinori Ishii

#### < Video on Demand >

We made all eight lectures available for on-demand viewing so that they can be viewed repeatedly anytime during the exhibition. On-demand distribution: from 10:00 on Nov. 23 (Mon.) to 17:00 on Nov. 27 (Fri.)

#### < Redistribution for Overseas >

The lectures were broadcasted again late night on the day of the initial distribution for those accessing from abroad with time difference. Lectures in the morning: from 23:00 to 24:00 on the day the lecture was broadcasted\*From 24:00 to 25:00 for Nov. 20 (Fri.) Lectures in the afternoon: from 24:00 to 25:00 on the day the lecture was broadcasted

# Top Seminar by Machine Tool Builders for Students - Welcome to the Promising Field of Machine Tools-

Organizer: Japan Machine Tool Builders' Association Date: November 21 (Sat.) 13:30-16:30

Lecture: Message from machine tool maker owner to students Mr. Tsuneyuki Ishii, President & CEO, Okamoto Machine Tool Works, Ltd Round-table talk: Now and the future as a Machine tools engineer Mr. Takashi Matsumura, Dr. Eng., Professor, Department of Mechanical Engineering, Tokyo Denki University

Online exchange meeting: Online exchange meeting with top seminar participants and machine tool builders



\*TIME: JST

# **Public Relations**

# PR Activities For Visitors

- PR activities at related exhibitions
- Distribution of e-mail newsletters
- (to those who have registered for JIMTOF 2020 Online and JIMTOF in the past)
- Public offices and institutions promoted the exhibition using DM and e-mail newsletters
- Distribution of flyers to various related parties

# **Media Partners**

We invited media covering manufacturing to participate in JIMTOF 2020 Online as media partners and requested them to announce the exhibition in advance and report on it during the event.

Participating media (13 media)

aperza / Automation News / THE KANAGATA SHIMBUN / Machine and Tool / SEISANZAI MARKETING Magazine / seizougenba.com / ProductNavi / DIGITAL X / NIKKAN KOGYO SHIMBUN / THE NIHON SANKI SHIMBUN / THE NIHON BUTSURYU SHINBUN / Fuji Sankei Business i. / MONOist

# Publicity Media (media that published related articles)

NIKKAN KOGYO SHIMBUN / Fuji Sankei Business i. / NIKKEI BUSINESS DAILY / THE MID-JAPAN ECONOMIST / THE KITANIPPON SHIMBUN / HOKKOKU SHIMBUN / TOYAMA SHIMBUN / THE KANAGATA SHIMBUN / THE NIHON SANKI SHIMBUN / THE NIHON BUTSURYU SHINBUN / Dempa PUBLICATION / Japan Metal Bulletin / DAILY AUTOMOTIVE NEWS / SETSUBIKOUGYO SHIMBUN / KINSAN FASTENER NEWS / Newswitch / aperza / seizougenba.com / MONOist / Nikkei xTECH / YAHOO! News / INFILL TECHNOLOGY / SEISANZAI MARKETING Magazine / Machine and Tool / The Japan Exhibition News / THE WEEKLY BURO / MAV / MFG / MECHANIK / ECONOMIC DAILY / SOHU / read01 / and others

# **Advertising for Visitors**

# Newspapers

Nov.5	(Thu.)	NIKKEI BUSINESS DAILY	5 columns
Nov.5	(Thu.)	The Nikkei	15 columns
Nov.11	(Wed.)	The Nikkei	5 columns
Nov.16	(Mon.)	The Nikkei	15 columns
Nov.16	(Mon.)	NIKKEI BUSINESS DAILY	15 columns
Nov.26	(Thu.)	The Nikkei	15 columns
Dec.4	(Fri.)	NIKKEI BUSINESS DAILY	5 columns
Dec.7	(Mon.)	The Nikkei	5 columns





#### Internet

#### Domestic

Nov.5 (Thu.)- Dec.11 (Fri.) Yahoo! Listing Nov.5 (Thu.)- Dec.11 (Fri.) Google Listing

Nov.5 (Thu.)- Dec.11 (Fri.) GDN Audience Targeting

#### Overseas

Nov.5 (Thu.)- Nov.27 (Fri.) Google Listing Nov.5 (Thu.)- Dec.11 (Fri.) Baidu Listing

Nov.5 (Thu.)- Dec.11 (Fri.) GDN Content Targeting

# JIMTOF 2020 Online News

An online newspaper from the organizers, which was published twice. It featured a guide on how to use JIMTOF 2020 Online, companies to watch for, explanation of highlights, and the results of questionnaire surveys of overseas associations. This was inserted in the Nikkan Kogyo Shimbun newspapers and distributed.

Published by:

Japan Machine Tool Builders' Association Tokyo Big Sight Inc.

Produced by:

THE NIKKAN KOGYO SHIMBUN, LTD.



(Vol. 1 issued on Nov. 16)



(Vol. 2 issued on Nov. 24)

# JIMTOF 2020 Online Exhibitor's List < alphabetical order >

#### Company Name

A.L.M.T.Corp. ADACHISOGYO Co., Ltd. Aichi Sangyo Co., Ltd. Akamatsu Electric Mfg.Co.,Ltd. AKEBONO MACHINE INDUSTRIES CO.,LTD. ALPS TOOL CO., LTD. AMADA CO..LTD AMADA MACHINERY CO., LTD. Ametek Co.,Ltd. ANCA Machine Tools Japan AREUSE Co.,Ltd Asahi Diamond Industrial Co.,Ltd. ASTEC CO., LTD. Authentec Autodesk, Ltd. Japan AWA SPINDLE CO..LTD. Ayabo Corporation Azumaneji Co., Ltd.

B and K Co., Ltd. BBS KINMEI Co..Ltd. Beckhoff Automation K.K BIG DAISHOWA SEIKI CO.,LTD. Blaser Swisslube Japan Co., Ltd. BLESS INC. Blum-Novotest K.K Brinkmann Pumps Japan Co.,Ltd Brother Industries, Ltd. Bruker Japan K.K. BSQ Co., Ltd. BUNRI Inc.

CAMTUS INC. Captain Industries, Inc. Carl Zeiss Co., Ltd. CENTURY PRECISION CO., LTD. CGTech Inc. CHEIL E&M Co., Ltd. Chiyoda Tsusho Co., Ltd. CITIZEN MACHINERY CO.,LTD. CKB CORPORATION CKD Corporation CNC Software, Inc. Cominix Co.,Ltd. COOL TECH LTD. CY CARBIDE JAPAN CO.,LTD

DAIDOKOGYOKAISHA DAI-ICH SOKUHAN WORKS CO. DAIKIN Industries.LTD. dainichi kinzoku kogyo co.,ltd. DAIWA KASEI KOGYO CO,.LTD. Dassault Systemes Data Design Co., Ltd. Derstrong Enterprise Co., Ltd. detron Machine Co., Ltd DFM Corporation DIJET INDUSRIAL CO.,LTD. DMG MORI CO., LTD. DP Technology Japan K.K. DynamicTools Corporation

EBA KOGYO CO., LTD. Edgecross Consortium EGURO.LTD Eishin Techno Co.,Ltd. ELECOM Flement Six FLENIX, Inc. FMG Lubricants Enshu Limited e-Tacs Corporation euroted EUROTECHNO Inc.

F.P.TOOLS CO.,LTD. FA Service Corporation FABACE Co.,Ltd. FACT co.ltd FANUC CORPORATION FIRSTEC CORPORATION FUJI BC ENGINEERING CO., LTD. Fuji Honing Industrial Co., Ltd. Fuji Manufacturing Co.,Ltd. FUJI SANGYO CO., LTD. FUJI SEIKO LIMITED Fuji Seimitsu Co.,Ltd. FUJI-DENSHI **FUJILLOY** FUJITASHOJI.CO.,LTD Fukuda Corporation FUTAMURA MACHINES & TOOLS CO.,LTD.

GEMTOOL CO..LTD Genetec Corporation Gleason Asia Co., Ltd. GLOBAL PARTS CORPORATION GOSHO Co.,Ltd GRAVOTECH K K **GREENTOOL** Grind Master Machines Pvt Ltd Grundfos Pumps K.K

HABOR PRECISION INC. Haimer Japan HAINBUCH JAPAN K.K. HAKUSANKIKO Co.,Ltd HAMAI CO., LTD. HASEGAWA MACHINE WORKS LTD HAWE Japan Ltd. Hayami Machine Tool Co.,ltd. HEIAN CORPORATION HEIDENHAIN K.K. HEIWA TECHNIA CO.,LTD. HIWIN corp. Honda Plus Co., Ltd. HORKOS CORP

ICHIGUCHI corporation ICHIKAWA GRINDER MFG.CO.,LTD IDEC CORPORATION

Hwacheon Machine Tool Co., Ltd.

Hunan Boyun-Dongfang Powder Metallurgy Co.,Ltd

Howa Machinery, Ltd.

igus k.k. **IKEGAI** Corporation IKURA SEIKI CO.,LTD. Imao Corporation Integra Research Co.Ltd., ISCAR JAPAN LTD. ISHII HYOKI CO., LTD. ITACA JAPAN Inc. ITOCHU MACHINE-TECHNOS CORP. ITOCHU Techno-Solutions Corporation IWAMA Co., Ltd. IWASHITA INDUSTRIAL CO.,LTD. Iwata Tool Co., Ltd.

JAPAN AUTOMATIC MACHINE CO.,LTD. Japan Aviation Electronics Industry, Limited Japan Laser Corporation Japan Speed Shore Co.,LTD JBM Engineering Corporation JEOL Ltd. JTEKT CORPORATION

Kaesung Technologies, Inc. Kan Mechanical Industry.Inc KANEFUSA CORPORATION KANETEC CO.,LTD. KANEX HAMONO KOGYO CO.,LTD KANTO SEIKI Co..Ltd KANZAKI KOKYUKOKI MFG. CO., LTD KAO FONG MACHINERY CO., LTD Karats Precision, Inc. KASHIFUJI WORKS, LTD. KATO MFG. CO.,LTD. KEBA Japan Co.,Ltd. KEIJIKOUSAN CO., LTD KEYENCE CORPORATION KF Carbide Japan Co.,Ltd.

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