

NEXT

The 32nd JAPAN INTERNATIONAL MACHINE TOOL FAIR

JIMTOF 2024

Nov.5(Tue.) - Nov.10(Sun.), 2024
TOKYO BIG SIGHT



Japan Machine Tool Builders' Association

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Open the door to the future -
Meet the technologies moving the world forward

JIMTOF 2022

The 31st JAPAN INTERNATIONAL
MACHINE TOOL FAIR

November 8 (Tue.) - November 13 (Sun.), 2022
Tokyo Big Sight (Tokyo International Exhibition Center)
www.jimtof.org



Additive Special Event
Manufacturing
Area in JIMTOF 2022

FINAL REPORT



Greeting

The Japan Machine Tool Builders' Association and Tokyo Big Sight Inc. held JIMTOF 2022 (The 31st Japan International Machine Tool Fair) for six days from November 8 (Tue.) to November 13 (Sun.), 2022, under the theme of "Open the door to the future - Meet the technologies moving the world forward".

Since the first JIMTOF was held in 1962, JIMTOF has been highly evaluated as Japan's leading machine tool fair both at home and abroad, and this year's fair marked its 60th anniversary. We would like to express our sincere appreciation for the cooperation and support of all exhibitors and visitors, as well as our cooperating organizations and many other people involved in the manufacturing industry.

JIMTOF 2022 utilized the entire exhibition space of Tokyo Big Sight, including the South Exhibition Halls, making it the largest-scale ever. As a result, a total of 1,087 companies from 22 countries and regions exhibited in 5,618 booths. The total number of visitors during the fair (without double counting) was 114,158 (including 4,815 overseas visitors). This was the first physical exhibition held since the COVID-19 pandemic, and many companies that were eager to attract new customers and promote their companies exhibited at the fair, and had business discussions with visitors lively.

At the venue, in addition to the extensive exhibits by exhibitors, the "Additive Manufacturing (AM) Area in JIMTOF 2022" was held in the South Exhibition Hall for the first time as a special event, bringing together AM/3D printing-related products and technologies, which are attracting increasing attention as innovative technologies in the manufacturing industry. In addition, a variety of lectures and seminars on topics such as "carbon neutral", "6G", and "Additive Manufacturing (AM)" were held as parallel programs, as well as various projects to introduce machine tools and the industry to students. Furthermore, as a Special Exhibit, we introduced the cutting-edge initiative and technologies of the industry's leading machine tool manufacturers, as well as the cross-sectional exhibition of the Japan's top market share products produced by the state-of-the-art machine tools built by those manufacturers. Especially the "Crosstalk Show" by the four exhibiting companies attracted a great deal of attention and added to the excitement of the fair.

The next JIMTOF 2024 (The 32nd Japan International Machine Tool Fair) will be held at Tokyo Big Sight for six days from November 5 (Tue.) to November 10 (Sun.), 2024.

Through JIMTOF, we will continue our efforts to contribute to the further development of machine tools and related industries, and we look forward to your continued support.



Yoshiharu Inaba
Chairman
Japan Machine Tool Builders' Association



Kiyotsugu Ishihara
President & CEO
Tokyo Big Sight Inc.

Outline of the fair

■ Name	JIMTOF 2022 (The 31st JAPAN INTERNATIONAL MACHINE TOOL FAIR)	■ Number of Exhibitors	1,087 exhibitors [861 direct exhibitors (including 59 exhibitors in the AM Area), 226 co-exhibitors & represented companies]
■ Organizers	Japan Machine Tool Builders' Association Tokyo Big Sight Inc.	■ Booths	5,618 booths
■ Supporting Organizations	Ministry of Foreign Affairs Ministry of Economy, Trade and Industry Tokyo Metropolitan Government The Japan Chamber of Commerce and Industry	■ Exhibition Area	118,540m ²
■ Cooperating Organizations	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	■ Participating Countries/Regions	22 countries & regions Austria / Belgium/ China / Czech / Denmark / Finland/ France / Germany / India / Israel / Italy / Japan / Korea / Netherlands /Norway / Spain / Sweden / Switzerland / Taiwan / Turkey / U.K. / U.S.A. (Alphabetical order)
■ 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 equipment.	■ 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
■ Date	November 8 (Tue.) - November 13(Sun.), 2022 6 Days	■ Admission	Advance Tickets JPY1,000 (Tax Included) / On-the-day Tickets JPY3,000 (Tax Included) / Student entry free
■ Opening Hours	9:00 - 17:00 (9:00 - 16:00 on last day)	■ Special Event (Exhibits)	Additive Manufacturing Area in JIMTOF 2022 Additive Manufacturing Machine, 3D printer / Associated Equipment and Software for Additive Manufacturing Machine / Additive Manufacturing / Manufacturing, 3D printing Services / Associated Equipment with Measuring / Materials / Other Associated Machinery and Equipment, Technology
■ Venue	Tokyo Big Sight (Tokyo International Exhibition Center)		

Exhibition status

[JIMTOF 2022 Number of Exhibitors]

Type of Exhibitor	Domestic	Overseas	Subtotal
Exhibitors	789	72	861
Co-exhibitors	83	68	151
Represented Companies	15	60	75
Total	887	200	1,087

Association	Number of Companies	Number of Booths
Japan Machine Tool Builders' Association	92	2,438
Japan Machine Tool Importers' Association	46	482
Japan Forming Machinery Association	19	98
Japan Precision Machine Association	28	205
Japan Cutting & Wear-resistant Tool Association	71	429
Japan Machine Accessory Association	50	398
Japan Precision Measuring Instruments Manufacturers Association	29	186
Japan Grinding Wheel Association	13	63
Industrial Diamond Association of Japan	12	53
Japan Optical Measuring Instruments Manufacturers' Association	13	46
Japan Fluid Power Association	16	60
Japan Testing Machinery Association	4	11
Japan Gear Manufacturers Association	5	20
Organizers-Cooperating Organizations Subtotal...①	398	4,489
Domestic General	340	711
Domestic General Subtotal...②	340	711
Overseas General	33	68
Overseas Associations Member	37	177
Overseas Subtotal...③	70	245
Total (①+②+③)	808	5,445
Additive Manufacturing Area	59	173

Total Number of Exhibitors (without double counting)...④*	861	—
Co-exhibitors...⑤	151	—
Represented Companies...⑥	75	—
Total... (④+⑤+⑥)	1,087	5,618

* Overlapping with the AM area is counted as one company for each.

[JIMTOF 2022 Exhibitor's Classification]

Classification	Number of Booths	%
Metal cutting machine tools	3,032	54.0
Machine tool accessories	650	11.6
Tools	685	12.2
Measuring instruments	323	5.7
Related software (CAD/CAM, etc.)	176	3.1
Metal forming machine tools	124	2.2
Oil, Hydraulic, Pneumatic Machinery	94	1.7
Gears and gear devices	34	0.6
Publications / Information	10	0.2
Other related machinery	317	5.6
Additive Manufacturing Area	173	3.1
Total	5,618	100.0



Co-exhibitor & Represented Company

When exhibiting products and services in exhibits other than their own company's, classification is made as a co-exhibitor in the case that an expert explainer is present at all times, and as a represented company in the case that an expert explainer is not present at all times.

Number of Visitors

Number of Registered Visitors

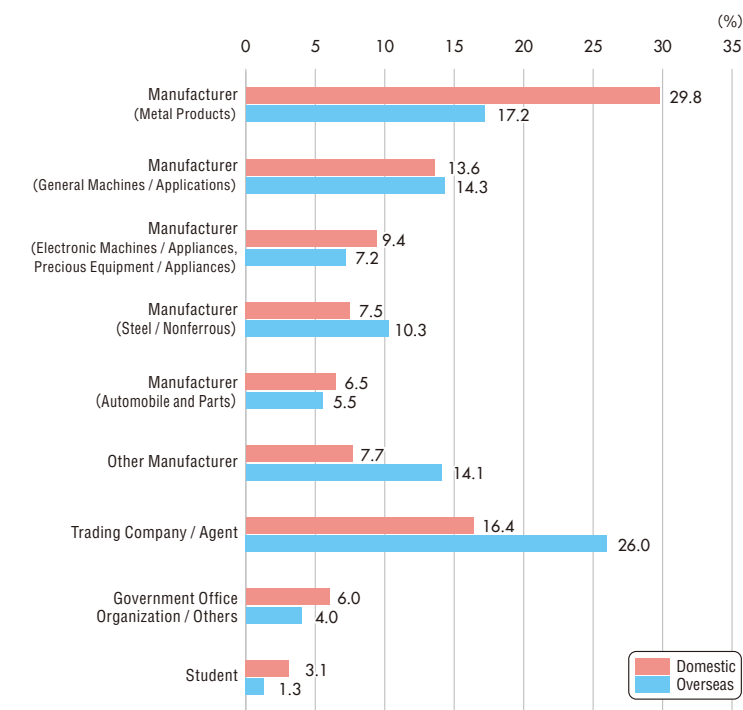
	Weather	Number of Visitors*1 (without double counting)			Number of Visitors*2		
		Domestic	Overseas	Total Number of Visitors	Domestic	Overseas	Total Number of Visitors
Nov.8 (Tue.)	Sunny	15,612	1,613	17,225	15,612	1,613	17,225
Nov.9 (Wed.)	Sunny	17,567	1,027	18,594	21,144	1,999	23,143
Nov.10 (Thu.)	Sunny	21,470	1,016	22,486	25,800	2,100	27,900
Nov.11 (Fri.)	Sunny	29,296	666	29,962	36,484	1,620	38,104
Nov.12 (Sat.)	Sunny	19,976	412	20,388	26,029	933	26,962
Nov.13 (Sun.)	Cloudy / Rain	5,422	81	5,503	8,297	317	8,614
Total		109,343	4,815	114,158	133,366	8,582	141,948

*1 Multi-entries counted as one

★All JIMTOF visitors conduct visitor registration

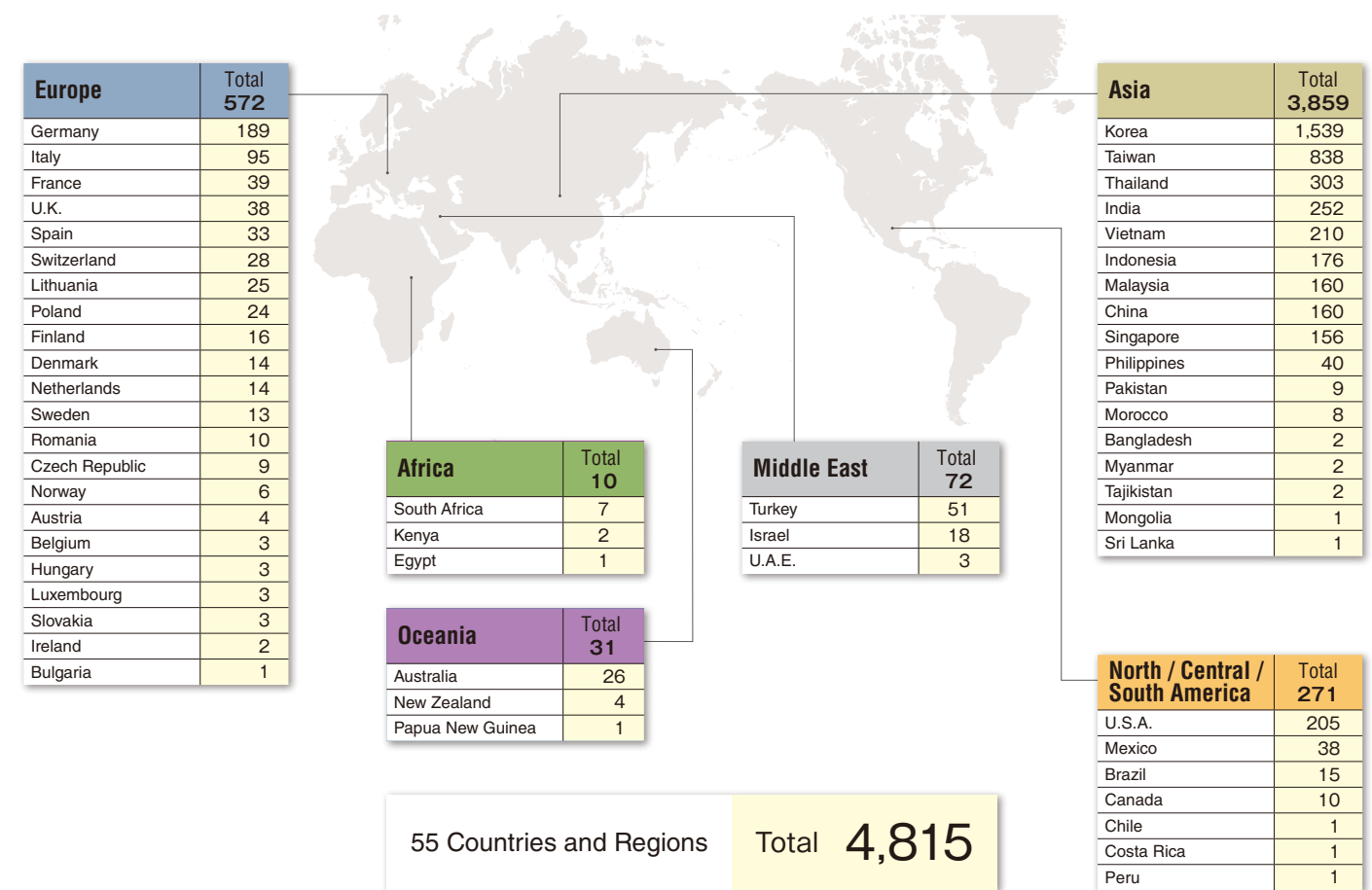
*2 Multi-entries on the same day counted as one

Category by Industry

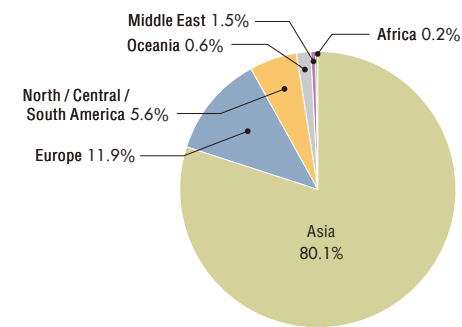


Category	Number of Visitors	
	Domestic	Overseas
Manufacturer (Metal Products)	32,574	829
Manufacturer (General Machines / Applications)	14,880	690
Manufacturer (Electronic Machines / Appliances, Precious Equipment / Appliances)	10,252	344
Manufacturer (Steel / Nonferrous)	8,224	497
Manufacturer (Automobile and Parts)	7,119	266
Other Manufacturer	8,465	678
Trading Company / Agent	17,928	1,255
Government Office Organization / Others	6,517	192
Student	3,384	64
Total	109,343	4,815

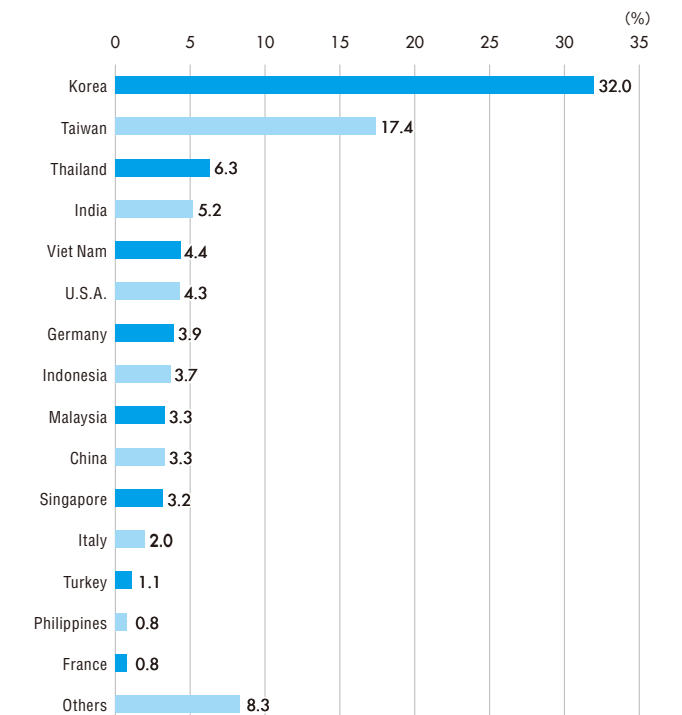
Breakdown of Overseas Visitors



Visitors by Regions

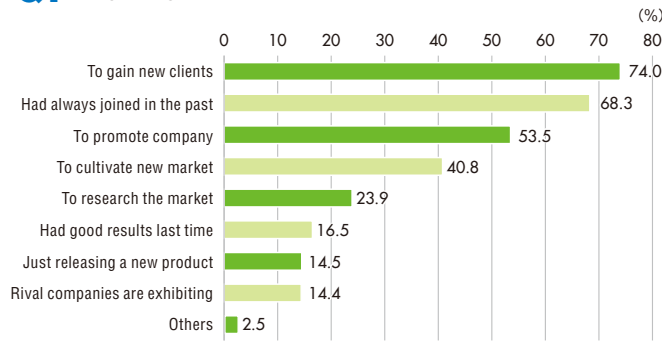


Visitors by Countries / Regions

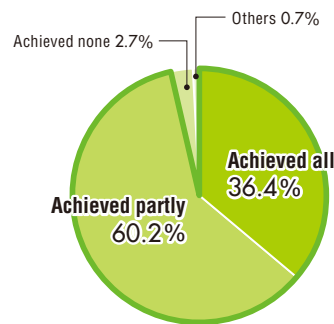


Results of Exhibitor Questionnaire

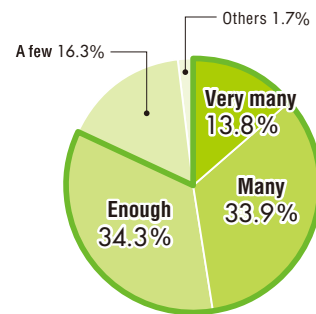
Q1 Why did you choose to exhibit at JIMTOF ? (MA)



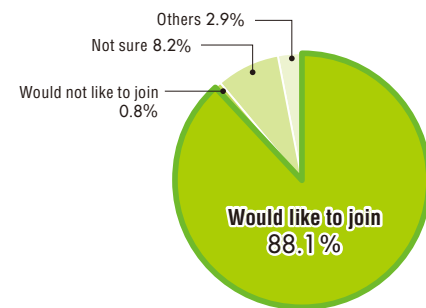
Q2 How many of your goals did you achieve ? (SA)



Q3 How did you feel for the number of visitors ? (SA)

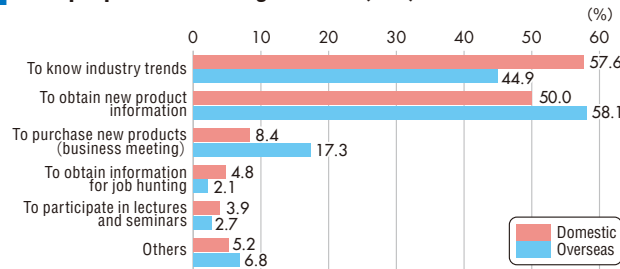


Q4 Would you like to join the next JIMTOF 2024 ? (SA)

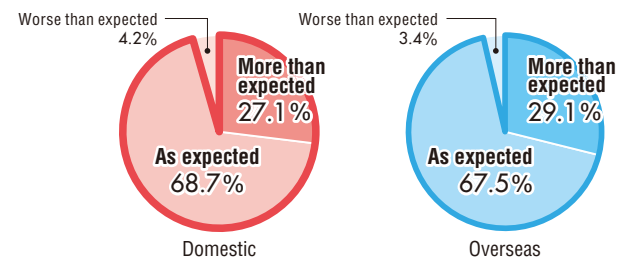


Results of Visitor Questionnaire

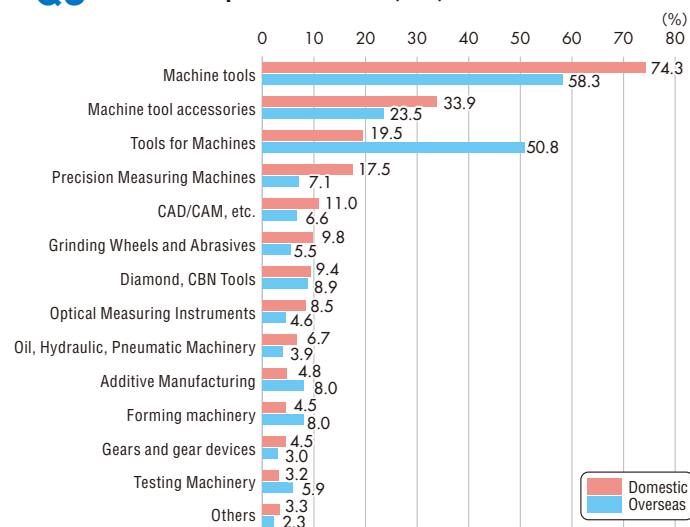
Q1 The purpose of visiting JIMTOF (MA)



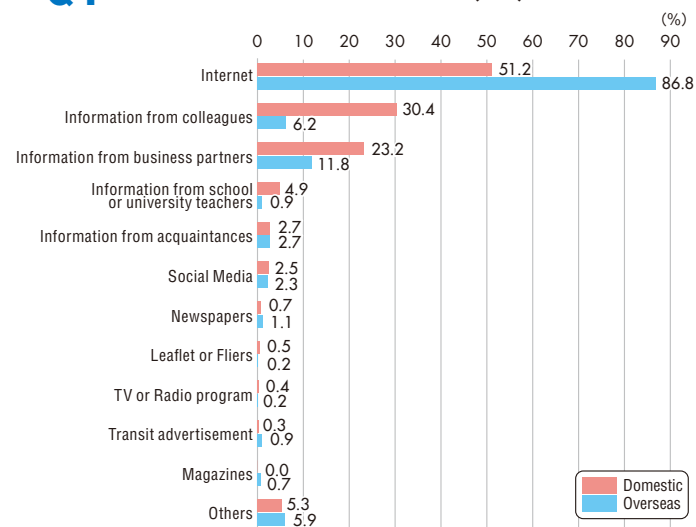
Q2 Level of Satisfaction (SA)



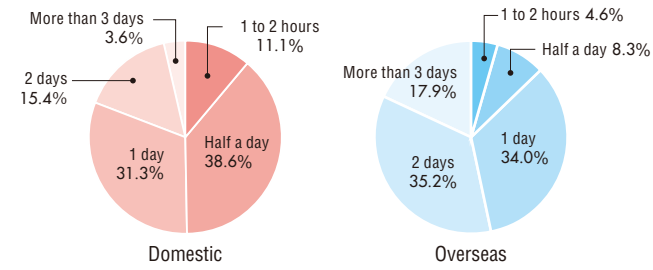
Q3 Exhibits of specific interest (MA)



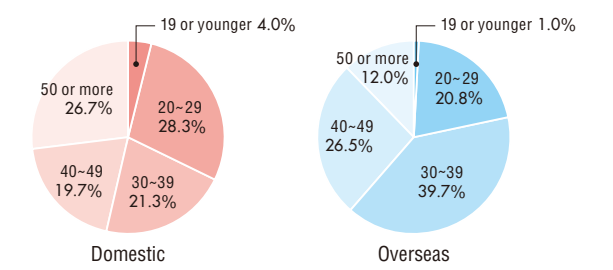
Q4 Information source about JIMTOF (MA)



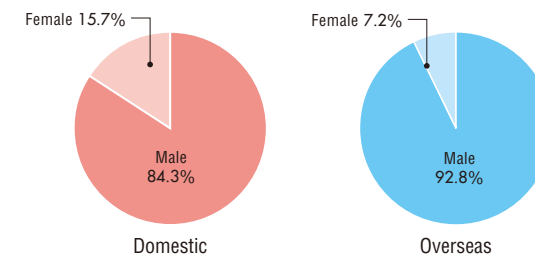
Q5 The Length of time spent at JIMTOF (SA)



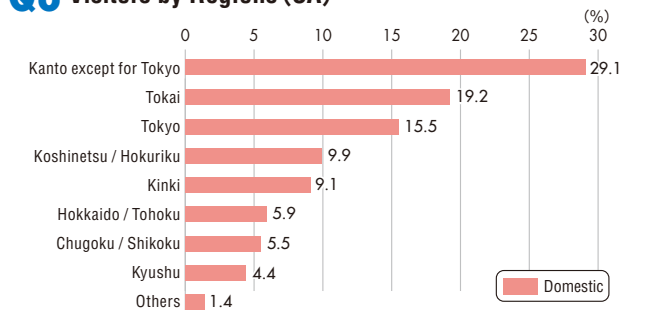
Q6 Age (SA)



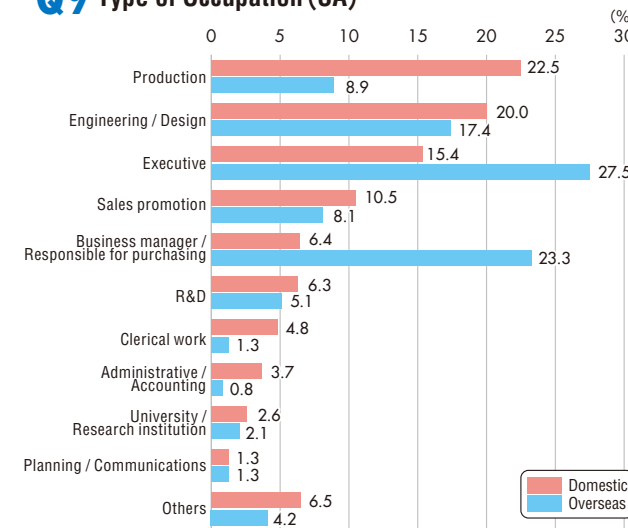
Q7 Sex (SA)



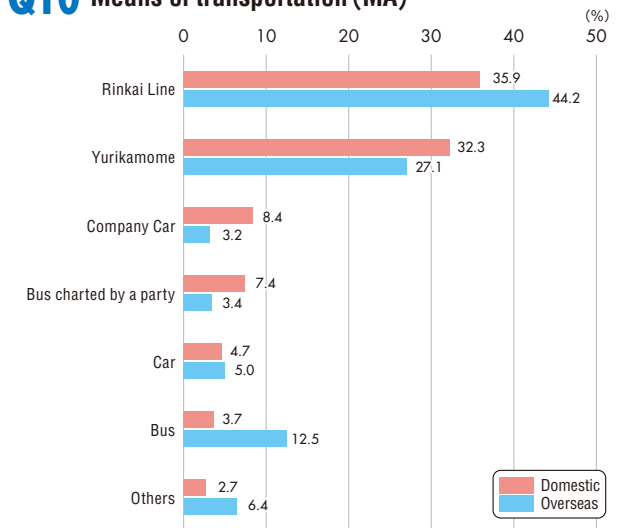
Q8 Visitors by Regions (SA)



Q9 Type of Occupation (SA)



Q10 Means of transportation (MA)



Q11 Feedbacks (Excerpt)

- There was a wide variety of products. I was able to see new technologies that fit my current work. (Male, Executive, Japan)
- It was good to see equipment and cutting-edge machines that are not available at the school. I was also able to broaden my own perspective. (Male, University / Research institute, Japan)
- I saw a lot of future solutions for unmanned operation under the theme of IoT and productivity improvement. (Male, Executive, Japan)
- I was able to have discussions with engineers that I could not have had just by looking at catalogs, and I made unexpected discoveries just by walking around. (Male, Production, Japan)
- I felt the enthusiasm of the exhibitors, as it was the first time in four years since 2018, and there were many visitors, so I expected that there would be many opportunities for business negotiations. (Male, Engineering / Design, Japan)
- I learned more useful information than I could find on the Internet. (Male, Production, Japan)
- It was easy to understand what it is like because you can actually operate the machines. (Male, University / Research institute, Japan)
- I was able to consult with the staff on how to improve my work, and I gained some useful information. (Male, Production, Japan)
- I could understand the current situation of the industry and the fields I did not know. (Male, Engineering / Design, Japan)
- It was good to be able to talk about new products from each manufacturer and talk with the people in charge of development. (Male, Production, Japan)
- Many manufacturers exhibited their new products, and it was useful to check the trends. (Male, R&D, Japan)
- I could understand the trends of each AM company through individual exhibits. (Male, Executive, Business manager / Responsible for purchasing, Japan)
- It raised my expectations for AM technology in the future. (Male, Production, Japan)
- The theme of the exhibitors varied in a good sense, as AM is still an up-and-coming field. (Male, Engineering / Design, Japan).
- I would like to know more about overseas trends and information on 3D printers. (Female, Engineering / Design, Japan).
- Without foreign visitors, there is a lack of energy in the exhibition. (Male, Executive, Japan)
- Young people know little about processing and the structure and mechanism of processing machines. Why don't you hold seminars for young people to enlighten them? (Male, Executive, Japan)
- Really interesting, we can get additional knowledge. (Male, Production, Overseas)
- Nice gathering for business-minded people. (Female, Other, Overseas)
- Excellent new product's introduction. (Male, Business manager / Responsible for purchasing, Overseas)

* Result of visitor questionnaire by onsite sampling research and internet research during the exhibition

Programs

Opening Ceremony

Yasutoshi Nishimura, Minister of Economy, Trade and Industry, gave a video message.
He also made an inspection tour of the venue.

November 8 (Tue.) 13:00-13:20
International Conference Room, Conference Tower 7F



Keynote Speech · Special Lecture

Keynote Speech

Monozukuri - The Frontier of Carbon Neutral Era

Masamichi Okada
President
Primearth EV Energy Co., Ltd.

November 8 (Tue.) 13:30-14:30
International Conference Room, Conference Tower 7F



Special Lecture

Cryptography for 6G era

Takanori Isobe PhD
Associate Professor
Graduate School of Information Science, University of Hyogo

November 10 (Thu.) 14:00-15:00
Reception Hall, Conference Tower 1F



Special Lecture

Robot Technology and Future Society

Takayuki Furuta PhD
General Manager, Dr. of Engineering
Future Robotics Technology Center, Chiba Institute of Technology

November 9 (Wed.) 14:00-15:00
Reception Hall, Conference Tower 1F

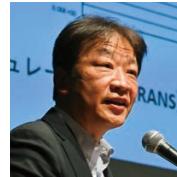


Special Lecture

Simulation-empowered manufacturing in the Fugaku era

-The present status and future perspectives of large-scale fluid flow simulations-
Chisachi Kato PhD
Center Director and Professor
Institute of Industrial Science,
The University of Tokyo, Center for Innovative Simulation Software

November 11 (Fri.) 14:00-15:00
Reception Hall, Conference Tower 1F



Additive Manufacturing Area Lecture and Seminar

South Hall 2 - Organizers Seminar Venue

Keynote Speech

Toward the innovation of "mono-zukuri" using a metal-based additive manufacturing

Tatsuaki Furumoto PhD
Professor
Advanced Manufacturing Technology Institute (AMTI),
Kanazawa University

November 8 (Tue.) 10:30-11:30



Special Symposium

Female engineers' insight of manufacturing world

November 9 (Wed.) 10:00-11:00

Panelist #1
Chisato Sekigawa
Engineer/Flight Director
Human Spaceflight Technology Center,
Human Spaceflight Technology Directorate,
Japan Aerospace Exploration Agency (JAXA)

Panelist #2
Sakiko Ishihara PhD
Assistant manager
Propulsion Engineering Group,
Space Development Department,
Aero Engine, Space & Defense Business Area,
IHI corporation

Panelist #3
Ayana Banno PhD
Research associate
Department of Aerospace Engineering,
College of Science and Technology, Nihon University

Moderator
Mihoko Fukunaga
Manager
Sales & Marketing Dept.,
IHI AEROSPACE Co., Ltd.



Special Lecture

Latest Technical Trend of 3D Printing from Europe and The US

Hideaki Oba
Researcher
Japan 3D Printing Industrial Technology Association

November 8 (Tue.) 12:00-13:00



Special Lecture

A Practical Guide to 3D Printing

Kiyoshi Yamaguchi
Researcher
Japan 3D Printing Industrial Technology Association

November 8 (Tue.) 15:00-16:00



Special Lecture

Regarding production technology which causes Game Change (Production technology required for PWT products in the future)

Noriyuki Shiwaku
Expert Leader (New Product and Process)
Powertrain Production Engineering and
Development Division, Nissan Motor Co. Ltd.

November 9 (Wed.) 11:30-12:30



Additive Manufacturing Area Lecture and Seminar

Special Lecture

Metal Additive Manufacturing Seminar by Japan Machine Tool Builders' Association

November 9 (Wed.) 13:30~16:30

Introduction of the latest technology AM equipment manufacturers

Presenters Amioka Hiroshi / DDM Processing Development Section, Advanced Machining Technology Department, Machine Tools Division, Sodick Co., Ltd.

Hironari Ishihara / Manager, Advanced Processing Development, R&D Department, Technology division, OKUMA Corporation

Kazuya Horio / Manager, Additive Manufacturing System Design Section, Laser Systems Dept.,

MITSUBISHI ELECTRIC CORPORATION INDUSTRIAL MECHATRONICS SYSTEMS WORKS

Seigo Ouchi / Deputy General Manager, Advanced R&D Center, Product R&D Headquarters, YAMAZAKI MAZAK CORPORATION

Takashi Sato / Assistant General Manager, 3D Additive Manufacturing Project, JEOL Ltd.

Yoko Hirono / Operating Officer for R&D, In charge of AM Development, General Manager, AM Development Department, DMG MORI CO.,LTD.

Mitsuyoshi Yoshida / Senior Manager, Research & Development, Engineering Division, Matsuura Machinery Corporation

Panel Discussion "Future Prospects of Metal Additive Manufacturing"

Facilitator Prof. Dr. Tatsuaki Furumoto (Kanazawa University)

Panelist Prof. Dr. Hiroyuki Sasahara (Tokyo University of Agriculture and Technology) and Seminar Presenters



Special Lecture

Developments and Prospects of Next-Generation Industrial 3D Printers - Laser Beam System -

Hideki Kyogoku PhD
President, TRAFAM Fundamental Technology for
Next Generation Research Institute
Professor, Kindai University

November 10 (Thu.) 10:00-11:15



Special Lecture

Development of next-generation industrial 3D printers and future trend - Electron beam type -

Akihiko Chiba PhD
Professor Institute for Materials Research,
Tohoku University

November 10 (Thu.) 11:25-12:40



Special Lecture

Development of electron beam metal 3D printer

Hironobu Manabe
General Manager Advanced & Fundamental Technology Center
JEOL Ltd.

November 10 (Thu.) 13:30-14:15



Special Lecture

Development of EB/PBF 3D Printer (II)

Junji Miyata
TECHNICAL ADVISOR TADA ELECTRIC CO., LTD.

November 10 (Thu.) 14:20-15:05



Special Lecture

Development of a laser DED metal 3D printer

Haruhiko Niitani
Executive Vice President and CTO
NIDEC MACHINE TOOL CORPORATION

November 10 (Thu.) 15:10-15:55



Special Lecture

"Emergent Circular Design and Digital Manufacturing"

Hiroya Tanaka PhD
Professor / Director Faculty of Environment and Information
Studies, Keio University / Digital Manufacturing and Design
Research Center for Emergent Circularity, Keio University
Global Research Institute

November 11 (Fri.) 10:30-11:50



Special Speech

How to lower AM costs of final parts.

November 11 (Fri.) 13:30-14:30

Workflow from introduction of AM machine to process design for final parts manufacturing

November 11 (Fri.) 15:00-16:00

Chiyo Nagano
Expert, Additive Manufacturing TÜV SÜD Japan Ltd.



Special Lecture

Difference between cutting and Additive Manufacturing

- Material maker, machine maker, service bureau compared -

Toshiyuki Sawakoshi
Managing Director
Japanese Society of Additive Manufacturing

November 12 (Sat.) 10:30-13:00



Special Lecture

Novel Soft Manufacturing Developed by 3D Printing

Hidemitsu Furukawa PhD
Professor, PI of SWEL
Soft & Wet mater Engineering Lab, Yamagata University

November 12 (Sat.) 14:00-15:00



Special Lecture

Recent Trend and Perspective on Metal Additive Manufacturing

Hideki Kyogoku PhD
President, TRAFAM Fundamental Technology for
Next Generation Research Institute
Professor, Kindai University

November 13 (Sun.) 14:00-15:00



Programs

Exhibitor Workshops

Conference Room 605-608, Conference Tower 6F

- Nov. 8 (Tue.)** Volume Graphics Co., Ltd. / G-NET CORPORATION / IHI Corporation / Dassault Systemes K.K.
- Nov. 9 (Wed.)** ISBE GmbH / Aichi Sangyo Co.,Ltd. / TOKYO SEIMITSU CO., LTD. / EUROTECHNO INC. / COOL TECH LTD. / HARTING K.K. / Mitutoyo Corporation / Iwata Tool Co.,Ltd.
- Nov. 10 (Thu.)** Mitsubishi Materials Corporation / MOLDINO Tool Engineering, Ltd. / NS TOOL CO.,LTD. / UNION TOOL CO. / MITSUBISHI ELECTRIC CORPORATION / Oerlikon Japan Co., Ltd. / KOBE STEEL, LTD. / ITOCHU Techno-Solutions Corporation / HEIDENHAIN K.K. / Bruker Japan K.K. / Data Design Co., Ltd.
- Nov. 11 (Fri.)** TAKAMATSU MACHINERY Co.,Ltd / ROKU-ROKU SANGYO,LTD. / JBM Engineering corporation / Blum-Novotest K.K. / Makino Milling Machine Co., Ltd. / AMADA CO.,LTD. / Beckhoff Automation K.K. / NACHI-FUJIKOSHI CORP. / BIG DAISHOWA SEIKI CO.,LTD. / DIJET INDUSTRIAL CO.,LTD / Kodama Corporation, Ltd.
- Nov. 12 (Sat.)** NIKKEN KOSAKUSHO WORKS LTD. / YONEZAWA KOKI CO., LTD. / Autodesk / CITIZEN MACHINERY CO., LTD. / Ayabo Corporation

Additive Manufacturing Area Exhibitor Workshops

South Hall 2, Exhibitor Workshop Venue

- Nov. 8 (Tue.)** CMET Inc / Matsuura Machinery Corporation / 3D Systems Japan
- Nov. 9 (Wed.)** Ametek Co., Ltd. / Gunma AM Platform / Vero Software KK
- Nov. 10 (Thu.)** Switzerland Innovation / BMF Japan Inc. / IWAMA Co., Ltd. / Mitsubishi Corporation Technos
- Nov. 11 (Fri.)** LPW Technology Japan Co., Ltd. / MITSUBISHI ELECTRIC CORPORATION / Sodick Co.,Ltd. / Dassault Systemes K.K.
- Nov. 12 (Sat.)** JBM Engineering corporation / Vero Software KK / Ametek Co., Ltd.
- Nov. 13 (Sun.)** Data Design Co., Ltd.

Seminars for Students

Top Seminar by Machine Tool Manufacturers

Greetings

Dr. Yoshiharu Inaba
Chairman of Japan Machine Tool Builders' Association

Lecture Contributing to the global manufacturing industry through control and automation of machine tools

Kenji Yamaguchi
Representative Director, President and CEO, FANUC CORPORATION

Round-table talk Now and the future as a Machine tools engineer

Facilitator Prof. Dr. Takashi Matsumura / Tokyo Denki University
Speaker JMTBA member companies Engineers

JIMTOF Navigation

Prof. Dr. Keiichi Shirase Kobe University

Exchange meeting between machine tool manufacturers and students

(Held in parallel as a JIMTOF of observation tour)

November 12 (Sat.) 13:00-18:30
International Conference Room, Conference Tower 7F



Introductory Seminar "for Students" on the Manufacturing Industry

Opening Machine tools / industry / monozukuri general overview

Prof. Dr. Takashi Matsumura / Tokyo Denki University

Lecture 1 Carving Out a Path into the Future with Cutting Tools

Tomoyoshi Saito / President of Saito Seisakusho Co., Ltd.,
Japan Cutting & Wear-resistant Tool Association

Lecture 2 Introduction to the Machine Tool Industry and Interesting Machine Element Companies

Kaoru Hoshide / Senior General Manager of Engineering Division,
Industrial Machinery Headquarters, Managing Executive Officer,
Japan Machine Accessory Association

Lecture 3 Latest Trends in Precision Measurement Technologies: Latest Manufacturing Conceived Through High Levels of Reliability and Quality

Hitoshi Yoshida / Chairman and CEO, TOKYO SEIMITSU CO., LTD.,
Japan Precision Measuring Instruments Manufacturers Association

Special Lecture

Cheering from a machine tool user to job-hunting students "Passing the Torch -My journey as space robot engineer-"

Akiko Otsuka PhD
Senior Engineer, Human Spaceflight Technology Center,
Human Spaceflight Technology Directorate,
Japan Aerospace Exploration Agency (JAXA)

November 13 (Sun.) 10:00-12:20

Conference Rooms 607 and 608, Conference Tower 6F



IMEC 2022 (The 19th International Machine Tool Engineers' Conference) Oral Session

"Challenge for the new era – Monozukuri revolution by digital technology"

November 10 (Thu.) 9:00 - 17:25 / 11 (Fri.) 9:00 - 17:35 International Conference Room, Conference Tower 7F

November 10 (Thu.)

AM : Keynote Session "Manufacturing trends towards GX"

Keynote Speech "Sustainability in manufacturing – relative and absolute perspectives"

Professor Dr. Michael Zwicky Hauschild, Center for Absolute Sustainability, Technical University of Denmark

Keynote Speech "Current Status and Future Targets for Realizing Carbon Neutrality – GX and Role of Manufacturing—"

Dr. Akira Yabe, fellow, Sustainable Energy Unit, Technology Strategy Center, NEDO

Keynote Speech "Carbon Neutrality and Manufacturing in the Age of Electrification"

Kimio Nishimura, Expert Leader, Powertrain Technology Planning Dept., Nissan Motor Co., Ltd.

PM : Technical Session 1 "Manufacturing premise changing with DX"

Keynote Speech "Manufacturing Platform Strategy and Industry5.0"

Masahito Komiya, Principal/Innovation Strategist, JIC Venture Growth Investments
(Japan Investment Corporation Group Venture Capital)

Speech "Initiative to Reduce Production Preparation Lead Time with Digital Technology"

Tomoyasu Ohta, Group Manager, Powertrain Manufacturing Fundamental Engineering Div., Toyota Motor Corporation

Speech "CNC enhancing digital manufacturing"

Takuro Katayama, Deputy General Manager, MAZATROL DX Dept., Product R&D Headquarters,
YAMAZAKI MAZAK CORPORATION

Speech "Status and prospects of advanced manufacturing empowered by discontinuous enhancement of computing powers"

Koji Yasui, Chief Engineer, Industrial Mechatronics Division, FA System Division,
MITSUBISHI ELECTRIC Corporation



November 11 (Fri.)

AM : Technical Session 2 "Innovative manufacturing technology as a game changer"

Keynote Speech "Manufacturable Generative Design"

Peter Rogers, CEO, LAYERED Ltd.

Speech "New Structural Materials and Fundamental Technologies to Reduce the Environmental Impact of Machine Tools"

Yuichi Yonemitsu, Manager, Specialist, R&D Division, Makino Milling Machine Co., Ltd.

Speech "Hybrid additive and subtractive manufacturing in production: state of the art and trends"

Yoko Hirono, Operating Officer for R&D, In charge of AM Development, General Manager, AM Development Department, DMG MORI CO., LTD.

Speech "Scaling Metal Binder Jetting Production"

Christian Lönne, CEO, Digital Metal

PM : Technical Session 3 "Control/mechatronics technology to support precision"

Keynote Speech "Research on Compensation and Correction technology for machine tools"

Professor Dr.-Ing. Steffen Ihlenfeldt, Director, Fraunhofer Institute for Machine Tools and Forming Technology IWU

Speech "Mechanical Design and Compensation Technologies to Maintain Accuracy of Machine Tool"

Dr. Tetsuya Matsushita, Special Chief Engineer, R&D Dept., Okuma Corp.

Speech "Increasing Roles of Robots in Machining"

Dr. Erdem Ozturk, Senior Technical Fellow, AMRC with Boeing Factory of the Future

Speech "Measurement and compensation to ensure volumetric accuracy of industrial robots"

Professor. Dr. Soichi Ibaraki, Graduate School of Advanced Science and Engineering, Hiroshima University



Industry Expert Session

Machine Tool Related Software Workshop Organizer: Japan Machine Tool Builders' Association

Theme: Machine tools evolve by fusing with cutting-edge software and measurement technology

Special Lecture

"How well can machines imitate humans? The Challenge of Real Haptics"

Dr. Kouhei Ohnishi

Specially Appointed Professor, Keio University Haptics Research Center

November 9 (Wed.) 9:30-16:40 Conference room102, Conference Tower 1F



PR Activities for Visitors

• Domestic / Overseas Exhibitions

2021	Apr. 12(Mon.) - 17(Sat.)	CIMT 2021 (Beijing, China)
	May. 24(Mon.) - 28(Fri.)	Metallobratka 2021 (Moscow, Russia)
	Jun. 14(Mon.) - Oct. 31(Sun.)	MEX Kanazawa 2021 (Online)
	Oct. 4(Mon.) - 9(Sat.)	EMO MILANO 2021 (Milan, Italy)
	Oct. 28(Thu.) - Nov.30(Tue.)	T-Messe 2021 (Online)
2022	Feb. 21(Mon.) - 26(Sat.)	TIMTOS x TMTS 2022 (Taipei, Taiwan)
	Apr. 11(Mon.) - 15(Fri.)	CCMT 2022 (Shanghai, China)
	May. 19(Thu.) - 21(Sat.)	MEX Kanazawa (Ishikawa, Japan)
	May. 23(Mon.) - 27(Fri.)	SIMTOS 2022 (Seoul, South Korea)
	Jun. 16(Thu.) - 21(Tue.)	IMTEX FORMING 2022 (Bangalore, India)
	Jul. 6(Wed.) - 8(Fri.)	West Japan Manufacturing Technology Innovation Fair 2022 (Fukuoka, Japan)
	Sep. 12(Mon.) - 17(Sat.)	IMTS 2022 (Chicago, U.S.A.)
	Sep. 27(Tue.) - 28(Wed.)	Formnext Forum Tokyo 2022 (Tokyo, Japan)

• Press Conference / Presentation

Domestic	Aug. 19(Thu.), 2021	1st Press Conference (Tokyo / Online)
	Oct. 11(Tue.), 2022	2nd Press Conference (Tokyo)
Overseas	Oct. 5(Tue.), 2021	EMO MILANO 2021 (Milan, Italy / Online)
	Apr. 7(Thu.), 2022	Online press conference (China / Online)
	May. 24(Tue.), 2022	SIMTOS 2022 (Seoul, South Korea)
	Sep. 13(Tue.), 2022	IMTS 2022 (Chicago, U.S.A.)

• Direct mail and e-mail newsletters

Domestic/Overseas	E-mail newsletters were issued to the past JIMTOF visitors and the JIMTOF 2022 registered visitors.
Overseas	Leaflets were distributed to exhibitors and visitors at overseas exhibitions.

Media Partners

Media involved in reporting on manufacturing were recruited as Media Partners, and were asked to give advance notice of the holding of JIMTOF 2022, and report on the event.

Participating media (25 media) Apera / NC Network / Automation Newspaper / THE KANAGATA SHIMBUN / Mechanical Engineering / Machine and Tool / KINSAN FASTENER NEWS / Keizaisangyo Shinpo / THE TRIBOLOGY / Journal of Economic Maintenance Tribology / Juntsu Net 21 / shinseihinjoho / SEISANZAI JAPAN / SEISANZAI MARKETING Magazine / seizougenba.com / Product Navi / DIGITAL X / Nikkan Kogyo Shimbum / Nikkan Jidosha Shimbum / THE NIHON BUTSURYU SHINBUN / Newswitch / Hajime no Machine Tool / MONOist / Monozukuri Review / robot digest

Advertising for Visitors

• Newspapers / Magazines

General Newspapers	Sep. 1(Thu.)	Nihon Keizai Shimbum
	Sep. 3(Sat.)	Chunichi Shimbum
	Sep. 4(Sun.)	Tokyo Shimbum
	Sep. 26(Mon.)	Nihon Keizai Shimbum
Industrial / Economic Newspapers	Sep. 2(Fri.)	Nikkei Sangyo Shimbum
	Oct. 17(Mon.)	Nikkei Sangyo Shimbum
Domestic Specialized Newspapers	Oct. 1(Sat.)	SEISANZAI MARKETING Magazine
	Oct. 10(Mon.)	THE KANAGATA SHIMBUN
	Oct. 21(Fri.)	Kaigisho news
	Oct. 31(Mon.)	Nikkei Top Leader
Economic Magazines	Sep. 2(Fri.)	Nikkei Business
	Sep. 30(Fri.)	Nikkei Business
Domestic Specialized Magazines	Aug. 29(Mon.)	Nikkei Monozukuri
	Sep. 29(Thu.)	Nikkei Monozukuri

• Venue

July 19(Tue.) - November 13(Sun.) Tokyo Big Sight covered sidewalk poster advertisement

Cooperation by Local Authorities

Local Authorities and associations cooperated to promote JIMTOF 2022.

■ Destination

Prefectures 15

Ibaraki, Gunma, Saitama, Chiba, Tokyo, Kanagawa, Niigata, Nagano, Shizuoka, Aichi, Gifu, Kyoto, Osaka, Hyogo, Fukuoka

Companies/Organizations 133

Invitation of Overseas Journalists

We invited journalists from prominent foreign machine tool media to JIMTOF 2022, and requested that articles be published in advance of the event and that these journalists conduct interviews at the JIMTOF 2022 venue and attend press conferences.

■ JIMTOF 2022 Exclusive Press Conference for Overseas Media

November 10(Thu.) 14:00-15:00 Conference Room 609, Conference Tower 6F

■ 13 Participants of Media

MW Metal Cutting Magazine (metal processing) (China) / Modern Manufacturing India (India) / MAV (Germany) / Industry Independent Publication (Czech Republic) / MA Magazine (Taiwan) / MECHANIK (Poland) / Morden Machine Shop (U.S.A.) / Taiwan Machinery Monthly (Taiwan) / Metalworking News (South Africa) / L'Industriale (Italy) / MANUFACTURING REVIEW (Thailand) / MFG (Korea) / Modern Machine Shop Mexico (Mexico)



Major Media Visits Media Visits 169 (Domestic: 154, Overseas: 15)

■ Domestic

Asahi Shimbum / Yomiuri Shimbum / Nihon Keizai Shimbum / Nikkan Kogyo Shimbum / THE MID-JAPAN ECONOMIST / Nikkei Business / Nikkei XTECH / MONOist / My Navi News / SEISANZAI MARKETING Magazine / THE NIHON BUTSURYU SHINBUN / Nikkan Jidosha Shimbum / Machine and Tool / TV Asahi / TV Osaka / Shin-Etsu Broadcasting, Others

■ Overseas

MECHANIK (Poland) / Modern Machine Shop (U.S.A.) / Metalworking News (South Africa) / MAV (Germany) / Magic Wand Media (India), Others

Number of Press Visitors

Period	Number of Press Visitors
Nov.8 (Tue.)	198
Nov.9 (Wed.)	84
Nov.10(Thu.)	43
Nov.11(Fri.)	43
Nov.12(Sat.)	24
Nov.13(Sun.)	11
Total	403

* Including Overseas 18

Online Press Center

An Online Press Center has been launched on the official website for downloading press kits, photos, and various other materials.



Transport Advertising

■ AD Vision

Oct. 31(Mon.) - Nov. 6(Sun.) Shinjuku Sta. / Tokyo Sta. / Shinagawa Sta.



JIMTOF Daily Distributed at venue every day during JIMTOF 2022



Publicity Media

• Newspapers / Magazines / TV

Domestic	Nihon Keizai Shimbum / Nikkan Kogyo Shimbum / Chunichi Shimbum / Hokkoku Shimbum / Toyama Shimbum / Nikkei Online Edition / Nikkei XTECH / MONOist / THE NIHON BUTSURYU SHINBUN / THE KANAGATA SHIMBUN / YAHOO! News, Others
Overseas	TAIWAN Trade (Taiwan) / MFG (Korea) / Modern Manufacturing India (India) / SOHU.com (China) / Economic Daily (China) / Zhongshi News Network (Taiwan) / Jiji.com (China) / THE KOREA INDUSTRY DAILY(Korea) / GLOBAL IMPORTER (China), Others
TV	Shin-Etsu Broadcasting "New Year Economic Special Program 2023-Beyond the Tunnel! Corporate Strategy to Create the Future-", January 7(Sat.), 2023 TV Osaka "Information from Takoru's ears", December 10(Sat.), 2022 KBS Kyoto "Kyobiz", November 11(Fri.), 2022

Official Web Site

■ Number of Visitors

www.jimtof.org

	Number of Visits	Number of Page View
July	20,233	66,426
August	33,958	178,055
September	290,586	675,237
October	798,926	1,611,362
November 1-13	397,644	1,278,882
Total	1,541,347	3,809,962

* Number of Visits...Number of user's visits to the site
* Number of Page View...Number of page requests of the site

■ Number of Countries and Regions

(Represent TOP 10, Jul.1-Nov.13)

	Countries and Regions	Number of Visits
1	Japan	1,252,596
2	India	145,605
3	Taiwan	36,220
4	China	29,106
5	Korea	23,241
6	Thailand	17,300
7	U.S.A.	10,423
8	Germany	4,196
9	Singapore	2,958
10	Italy	2,547

Official Printed Media



■ Official Guidebook

■ Guide Map

■ GUIDE BOOK (for students)



■ Invitation

■ Leaflet

■ Leaflet for AM Area

Exhibitors List [Domestic]

alphabetical order

★ ---Co-Exhibitor
★★---Represented Company

(Domestic Exhibitors)

#

3R Solution Corp.Japan

A

A.L.M.T.Corp
Abico R&D Co.,Ltd.
ACO CO.,LTD.*
ACO JAPAN CO.,LTD.
Adachi Sogyo Co., Ltd.
Adcole LLC
AeroGo Inc
AFC Japan Corporation
Ai solutions Co.,Ltd.
Aichi Sangyo Co.,Ltd.
AIKOKU ALPHA CORPORATION
Akamatsu Electric Mfg.Co.,Ltd.
AKATSUKI MFG.CO.,LTD.
Akiyama seiko Co.,Ltd
Alfa Mirage Co.,Ltd
ALPHA LASER JAPAN Co.,Ltd
ALPSTOOL CO.,LTD
AMADA CO.,LTD.
AMADA MACHINERY CO., LTD.*
AMETEK
ANCA Machine Tools Japan K K
ANDO co.,Ltd.
Any Design INC.
APPLIED TECHNOLOGY CO.,LTD.*
AQUA CHEMICAL CO., LTD
AQUASYSTEM CO.,LTD.
AREUSE Ltd.
ARGOFILEJAPAN
ASA ELECTRONICS INDUSTRY.,LTD
Asahi Diamond Industrial Co.,Ltd.
ASAHI SHOKO Co., LTD.
ASAHI SHO-KO-SHA CO.,LTD.
ASAHI TOOLS Mfg.Co.,Ltd.
ASANUMA GIKEN CO., LTD
ASK CORPORATION
ASSAB JAPAN KK
Astec.,co.Ltd
Atsuchi Tekko co.,LTD.
Atsumikougyou*
AUTHENTEC CO.,LTD
Autodesk
AWA SPINDLE CO.,LTD.
AXELENT JAPAN KK
Ayabo Corporation
Azbil TA Co., Ltd.
Azumaneji Co., Ltd.

D

Daido Kogyo Co.,Ltd.*
DAIDO KOGYO KAISHA
DAI-ICHI SOKUHAN WORKS CO.
DAIICHSANGYO CO., LTD
DAIKIN INDUSTRIES, LTD.
DAINICHI KINZOKU KOGYO CO., LTD.
DAISEI CO., LTD.*
Daiwa Kasei Kogyo Co., Ltd
Data Design Co., Ltd.
DENKA ELECTRON*
DEUBLIN JAPAN LIMITED
DFM Corporation
DIATEST JAPAN LTD
DIAVAC LIMITED**
DIJET INDUSTRIAL CO.,LTD
DMG MORI CO.,LTD.
DP Technology Japan K.K.*
DTR CORPORATION
DURIMITEC Co.,Ltd.
Dynamic Tools Corporation

E

EASTERN TECHNICS Corp.
EBA KOGYO CO.,LTD.
Echo Tech Co., Ltd.
Edgecross Consortium
EGURO LTD.
EIKI*
EIKO ELECTRIC INDUSTRIAL CO.,LTD.
EIKOSHA CO.,LTD
EISEN co.,LTD.
ELENIX, Inc.
ELGO JAPAN Inc.*
EMUGE FRANKEN K.K.
ENEOS Corporation
Engis Japan Corporation
Enomoto BeA Co.,LTD
ENSHU INDUSTRIAL Co., Ltd*
ENSHU Limited
EPLAN Software & Services K.K.*
EROWA NIPPON LTD.
E-T-A COMPONENTS K.K.
EUCHNER Co.,Ltd.
EUROTECHNO INC.
Everloy Shoji Co., Ltd.*
EVER-ON CORPORATION
EVIDENT Corporation
Exstream Corp., Japan
ExxonMobil Japan G.K

B

B and K Co., Ltd.
B.C TECH co.,LTD
BANDO CHEMICAL INDUSTRIES, LTD.
BEAMS, Inc.
Beckhoff Automation K.K.
BellBlue*
BIC TOOL CO.,LTD
BIG DAISHOWA SEIKI CO.,LTD.
Blaser Swisslube Japan Co., Ltd.
BLESS INC.
Blue Star R&D Co., Ltd.
Blum-Novotest K.K
bp Japan K.K.
Broadleaf Co., Ltd.
Brother Industries, LTD
Bruker Japan K.K.
BUNRI Inc.
Bystronic Japan, Ltd.

C

C&G SYSTEMS INC.
CAMTUS INC.
Canare Electric Co., Ltd.
Captain Industries, Inc.
Carl Zeiss Co., Ltd.
CemeCon K.K.
CENTRAL JAPAN PARTS PROCESSING ASSOCIATION
CERATIZIT Japan Corporation
CGK CORPORATION
CGTech Inc.
Chemic Co., Ltd.
CHIYODA TSLUSH CO.,LTD

ChuangXin Japan Co.,Ltd.
CHUBU CLEAN INC.
CHUKYO CO.,LTD.
CHUO PRECISION INDUSTRIAL CO.,LTD.
Cimple Technology Inc.**
CIMSOURCE Japan CO., Ltd.
CITIZEN MACHINERY CO., LTD.
CJV INTERNATIONAL
CKB CORPORATION
CKD Corporation
Clavis Japan Corporation
Co.,Ltd QMC*
Cominix Co.,Ltd.
Comnet Co., Ltd.
Computer Engineering & Consulting Ltd.
COOL TECH LTD.
CORETECH Co.,Ltd.
COSMOTECH Co.,Ltd.
COYO CORPORATION
create engineering corporation
Crestech Corporation
CY CARBIDE JAPAN

D

Daido Kogyo Co.,Ltd.*
DAIDO KOGYO KAISHA
DAI-ICHI SOKUHAN WORKS CO.
DAIICHSANGYO CO., LTD
DAIKIN INDUSTRIES, LTD.
DAINICHI KINZOKU KOGYO CO., LTD.
DAISEI CO., LTD.*
Daiwa Kasei Kogyo Co., Ltd
Data Design Co., Ltd.
DENKA ELECTRON*
DEUBLIN JAPAN LIMITED
DFM Corporation
DIATEST JAPAN LTD
DIAVAC LIMITED**
DIJET INDUSTRIAL CO.,LTD
DMG MORI CO.,LTD.
DP Technology Japan K.K.*
DTR CORPORATION
DURIMITEC Co.,Ltd.
Dynamic Tools Corporation

E

EASTERN TECHNICS Corp.
EBA KOGYO CO.,LTD.
Echo Tech Co., Ltd.
Edgecross Consortium
EGURO LTD.
EIKI*
EIKO ELECTRIC INDUSTRIAL CO.,LTD.
EIKOSHA CO.,LTD
EISEN co.,LTD.
ELENIX, Inc.
ELGO JAPAN Inc.*
EMUGE FRANKEN K.K.
ENEOS Corporation
Engis Japan Corporation
Enomoto BeA Co.,LTD
ENSHU INDUSTRIAL Co., Ltd*
ENSHU Limited
EPLAN Software & Services K.K.*
EROWA NIPPON LTD.
E-T-A COMPONENTS K.K.
EUCHNER Co.,Ltd.
EUROTECHNO INC.
Everloy Shoji Co., Ltd.*
EVER-ON CORPORATION
EVIDENT Corporation
Exstream Corp., Japan
ExxonMobil Japan G.K

F

F.P.TOOLS CO.,LTD
FABACE Co.,Ltd.
FACT Co.,Ltd.
FAGOR AUTOMATION JAPAN K.K.
FANUC CORPORATION
FARO Japan Inc.
FAT SYSTEM CO., LTD.*
FIRST GIKEN CO.,LTD.
FIRSTEC CORPORATION
FIRSTMACHINING*
Flow Japan Corporation

FNS Co.,Ltd.
Freebear Corporation
FSK INC.
FUJI BC ENGINEERING CO., LTD.
FUJI CORPORATION
Fuji Die Co.,Ltd
Fuji Electronics Industry co.,Ltd.
Fuji GRINDING WHEEL MFG.CO.,LTD.
FUJI HONING INDUSTRIAL CO., LTD.
FUJI INDUSTRIES CO.,LTD
FUJI LINEAR CORPORATION**
FUJI TOOL CO., LTD.
FUJIGEN KOGYO CO.,LTD.
FUJIKIHAN CO., LTD
FUJIKIKO Co.,Ltd.
FUJIMOTO YUKA CO.,LTD
FUJISANGYO Co., Ltd.
FUJISEIKO LIMITED
FUJITA SHOJI CO.,LTD.
Fukuda Corporation
Fukushima File Co. Ltd.*
FUNASAW CO.,LTD
FURUKAWASEIKI CO.,LTD
FUTAMURA MACHINES & TOOLS CO.,LTD.

G

GANROU INDUSTRIAL CORPORATION
GAZIRU,Inc.*
GENETEC CORPORATION
GENIO Solutions Co.,Ltd.
GF Machining Solutions
Gifuipuroteku*
Gleason Asia Co., Ltd.
GLOBAL DIAMOND CO.,LTD.
GLOBAL PARTS CORP.
GLORY CO.,Ltd.
G-MET CORPORATION
Godo Solution Inc.*
Golden Egret Carbide Japan Co.,Ltd.
Google Cloud Japan
GOSHO Co., Ltd.
GRAVOTECH K.K.
Green Plus Co.,Ltd
GREENTOOL CO., LTD.
Grundfos Pumps K.K.
GSI Creos*
GUHRING JAPAN Co.,LTD
GUNKYO,INC.

H

HAAS Automation**
Haimer Japan K.K.
HAINBUCH Japan K.K.
HAKUSANKIKO Co.,Ltd.
HAMAI CO.,LTD.
HARTING K.K.
HARU Technique Laboratory Inc.*
HASEGAWA MACHINE WORKS LTD
Hashimoto-Cloth.Co.,Ltd.
HAT JAPAN Co.,Ltd.*
HAWE Japan Ltd.
HEIAN CORPORATION
HEIDENHAIN K.K.
HEIWA TECHNICA CO.,LTD.
HELLERMANNTyton Co., Ltd.
Hexagon Manufacturing Intelligence
Hikari Trading Co.,Ltd.*
HILLTOP CORPORATION*
HIRAOKA HYPER TOOLS, INC.
HIROCHIKU CO.,LTD.
HIROX Co.,Ltd
Hishiko Corporation
HI-TAK CO.,LTD.
HIWIN Corp.
Honda Plus Co., Ltd.
Honma Precision Metalworking Co.,Ltd.
HORIBE MACHINERY CO.,LTD.*
HORIKOSHI CORPORATION*
Horitec Co.,Ltd.
HORKOS CORP.
HOSHIOKASHOJI*
Houghton Japan Co., Ltd.**
HOWA MACHINERY,LTD.
HYDAC CO.,LTD.
Hyperion Materials & Technologies**

I

IBARAKI GRINDING WHEEL Co., Ltd.
ICHIYUCHI corporation
ICHINEN CHEMICALS CO.,LTD.
IDEC CORPORATION
ifm efector co., ltd.
IG EVEARTH
igus k.k.
IHI Corporation
IKEGAI
IKURA SEIKI CO.,LTD.
ILJIN JAPAN CO.,LTD
IMAHASHI MFG CO., LTD
Imao Corporation
IMPROBE Co., Ltd
INCOM Company LTD.
Infinity Solutions Inc.**
Information Services International-Dentsu, Ltd.*
INNOPHYS CO.,LTD.
INPLUS
Integra Research Co.Ltd.,
INTERNATIONAL DIAMOND.INC.
ISCAR JAPAN LTD.
ITACA JAPAN Inc.
ITO PRECISION Co.,LTD
ITOCHU MACHINE-TECHNOS CORP.
ITOCHU Techno-Solutions Corporation
itp Co., Ltd.*
IWAMA Co., Ltd.
Iwamoto Kogyo Co.,Ltd.
Iwasaw Mfg.Co.,Ltd
IWASHITA INDUSTRIAL CO.,LTD.
Iwata Tool Co.,Ltd.
Ixtech-Pro**
IZUMI CORPORATION
IZUMI SANGYO CO.,LTD.
IZUSHI AND CO., LTD.

J

JAPAN AUTOMATIC MACHINE CO.,LTD.
JAPAN COATING CENTER CO.,LTD.
Japan Cutting Laboratory Co.,Ltd*
Japan Factory Automation & Robot System
Integrator Association
JAPAN GAUGE CO.,LTD.
Japan Industrial Publishing Co.,LTD
Japan Laser Corporation
Japan Speed Shore Co,LTD
Japan Tool Distributors' Association*
JAPAN WOLFRAM Co.,LTD.
JBM Engineering corporation
JEM
Johoku Chemical CO.,LTD
JSEK CO., LTD.
JTEKT CORPORATION
JTEKT GRINDING TOOLS CORPORATION
JTEKT MACHINE SYSTEMS CORPORATION
JUKI CORPORATION

K

K.MECS Automation Inc.
Kabuku
KABUTO.MFG.CO.,LTD
KAGAKU KEIKI KENKYUSHO CO.,LTD.
KAMO SEIKO CORP.
KAMOGAWA Co.,Ltd.*
Kan Mechanical Industry, Inc
KANAGATA SHINBUNSYA CO.,LTD.
KANEFUSA CORPORATION
Kanematsu KGK Corp.
KANETEC CO.,LTD.
KANEX HAMONO KOGYO CO.,LTD
KANKISANGYOUSHINBUNSYA
KANTO BUSSAN CO.,LTD
KANTO SEIKI CO.,LTD
KANZAKI KOKYUKOKI MFG. CO., LTD.
Karats Precision, Inc.
KÄRCHER (JAPAN) CO., LTD.
KASHIFUJI WORKS,LTD.
KATO MFG.CO.,LTD.
Kawamoto Pump Mfg. Co., Ltd.
Kawanobe Tool Manufacturing*
Kawasaki Heavy industries, Ltd.
KAWATA CHUCK MFG. CO., LTD
KAWATATEC CORP.

L

KEBA Japan Co., Ltd.
Keijikousan Co.Ltd
Kennametal Japan Ltd.
KensakuKenma.Co.,Ltd.
KEYENCE
KF Carbide Japan Co.,Ltd.
Kintsune Seiki Co.,Ltd.
KIRA CORPORATION
KISOH CORPORATION
KISTEM Co.,Ltd
Kistler Japan G.K.
Kitagawa Corporation
KITAI SANGYO CO,LTD
KITAMURA MACHINE WORKS CO., LTD.
KITAMURA MACHINERY CO.,LTD
KITAOKA Industrial, Inc.
KIVA MACHINERY CO.,LTD.
KLINGELNBERG JAPAN
Kobayashi DIA,Ltd.
KOBAYASHI IRON WORKS CO.,LTD
KOBE STEEL, LTD.
Kodama Corporation, Ltd.
KOHARA GEAR INDUSTRY CO., LTD.
Komatani Gauge Co., Ltd.
Komatsu Koki Co., Ltd.*
Komatsu NTC Ltd.
Komon Safety Device Laboratory Company Limited
KONDO MACHINE WORKS CO.,LTD
Kondo Seisakusho Co., Ltd.
KONITECH INC
KOSAKA LABORATORY LTD.
KOSMEK LTD.
KOTOHIRA Industrial Co.,LTD
KOUWAKOUGYO CO.,LTD.
KOWA EMTECH CO.,LTD.
KOYO GIKEN INC.
KREUZ CO.,LTD.
KUMAMOTO SEIKEN KOGYO CO., LTD.*
Kunimori Kagaku Co.,Ltd.
KURAKI CO., LTD.
KURE GRINDING WHEEL CO.,LTD.
KURODA PRECISION INDUSTRIES LTD.
KYOCERA Corporation
KYOEI ELECTRIC Co.,Ltd
Kyoni Co., Ltd.
Kyoritsu Gokin Co., Ltd.
KYORITSU SEIKI CORPORATION
KYOUIKU GEAR MFG.CO.,LTD.
Kyouwa Oil Lubricants Co., Ltd.
KYUSHU KOGU CO.,LTD.

L

Laser Technical Service CO.,LTD
Laurel Bank Machines Co., Ltd.
LeadX, Inc.
Lenovo Japan LCC*
LEXUS corporation*
Licom Systems Corp.
LNS Japan*
LUBE CORPORATION
LUBYSIL JAPAN KK.

M

MA TOOL CO.,LTD
MACHINESOL Co.,Ltd
MACNICA
MACOHO Co., Ltd.
MAEDA SHELL SERVICE CO., LTD.
Magnescale Co., Ltd.
Mahr Japan Co., Ltd.
MAKI FACTORY*
Makino Milling Machine Co., Ltd.
Makino Seiki Co.,Ltd.
MANYO TOOLS CO., LTD.
MAPAL KK*
Marposss K.K.
MARUBENI INFORMATION SYSTEMS CO., LTD.
Maruel Machine Works co., ltd.
MARIUCHI CUTTING TOOLS CO.,LTD.
Maruka Corporation
Marusouseikou*
MATSUDA SEIKI CO., LTD.
MATSUMOTO KIKAI CO.,LTD.
MATSUMOTO MACHINE CO.,LTD.
MATSUMOTO SANGYO CO.,LTD.*

MATSUOKA CUTTER MFG.CO.LTD
Matsuura Machinery Corporation
MCK Co.,Ltd
MECTRON INC.
meinankikaiseisakusyo**
MEISTER inc.
menaseisakusyo
Metaldream*
METROL CO.,LTD
Metrotec Corporation
MICHIHIRA Co.,Ltd.
Micron Machinery Co., Ltd.
Miki Pulley Co., Ltd.
MINITOR CO.,LTD.
MINORI INDUSTRY CO., LTD.
MIROKU MACHINE TOOL,INC.
MITAKA KOHKI CO., LTD.
Mito Kogyo Co., Ltd.*
Mitsubishi Corporation Technos
MITSUBISHI ELECTRIC CORPORATION
Mitsubishi Materials Corporation
Mitsuboshi Kogyo Co.,Ltd.
MITSUHATA MACHINERY CO.,LTD
MITSUI GRINDING WHEEL
Mitsui High-tec, Inc.
MITSUI KOKUIN
MITSUI SEIKI KOGYO CO.,LTD.
mitsuya-industry.co.jp
Mitutoyo Corporation
Miyakawa industry.co.ltd
MIZUHO Co.,Ltd
MOLDINO Tool Engineering, Ltd.
Monodukuri Review Co.,Ltd.
MORI MACHINERY CORPORATION
Morihagurumaseisakusyo*
MOTHERTOOL CO.,LTD
Motoyuki Co.,Ltd
MOVAC LTD
MST Corporation
MURAKI LTD.
MURATA MACHINERY,LTD.
Muratec CCS, Ltd.**
Muratec Sales, Ltd.**
MY TOOL NAGANO CO., LTD.

N

N-S-S co.,LTD
NABELL CORPORATION
Nabeya Co.,Ltd.
NACHI TOOL ENGINEERING Co.,Ltd
NACHI-FUJIKOSHI CORP.
NAGAHAMA SEISAKUSHO LTD.,
NAGASE INTEGRIX Co.,Ltd.
NAGASHIMA SEIKO CO., LTD.
Nagel Aoba Precision Co., Ltd.
NAKA SEIKI CO.,LTD
NAKAHARA CHEMICAL PRODUSTRY CO.LTD
NAKAMURA MFG. CO., LTD.
NAKAMURA-TOME PRECISION INDUSTRY CO.,LTD.
NAKANIHON-RO KOGYO CO.,LTD.
NAKANISHI INC.
Nango Co.,Ltd.
NATOCO.,Co.Ltd.
NBK
NE TOHOKU*
NEOFLEX CO.,LTD
NEW SANKYO TOOL**
NEW STRONG CO.,LTD.
NEWREGISTON Co.,Ltd
News Digest Publishing.Co.,Ltd.
nextscience*
NGK SPARK PLUG CO., LTD.
NICHIALLOY CO., LTD.
NIDEC MACHINE TOOL CORPORATION
NIDEC OKK CORPORATION
NIHON PISCO CO.,LTD.
NIHON SEIKI CO., LTD.
NIHON SEIMITSU KIKAI KOSAKU CO., LTD.
Nihon Tsukuridasu .inc
Nihon-ALSYS.Inc
NIIGATA MACHINE TECHNO CO.,LTD.
NIIGATA RIKEN SOKUHAN Co., Ltd.
Niigata seiki Co.,Ltd.
NIKKEN KOSAKUSHO WORKS LTD.
NIKKI TRADING CORP.
NIKKO TECNO CO.,INC.
NIKKO YPK SHOJI CO.,LTD*
Nikon Corporation
NIKUNI
NILES MACHINE CO.,LTD.
NIPPON BEARING CO.,LTD.

NIPPON DIAMOND CO.,LTD
Nippon ITF Inc.
NIPPON JABARA CO., LTD.
NIPPON MECHA CHEMICAL Co.,Ltd.
Nippon OilPump Co.,Ltd.
Nippon Optical Works Co., Ltd.
Nippon Schneeburger K.K.
NIPPON THOMPSON Co.,LTD
Nippon Tokushu Goukin Co.,LTD
Nippon Tungsten co.,Ltd.
Nippon Vision Engineering Co., Ltd.
NISHIJIMA CORPORATION
Nishiken*
NISSEI CORPORATION
NISSHIN RUBBER co.,LTD.
NISSHO MACHINERY CO.,LTD.
NISSIN MACHINE WORKS, LTD.
NISSIN MANUFACTURING CO., LTD.
Nitolex Corporation
NITTA CORPORATION
NITTO KOGYO CORPORATION
Nitto Kohki Co., Ltd.
NITTO POLYGON Co.,Ltd
NITTO SHOJI KAISHA ,LTD
NK WORKS CO., LTD.
NOAH CORPORATION
Noga Waters Ltd.
NOK CORPORATION
NOMURA DS CO., LTD
NOMURA MACHINE TOOL WORKS,LTD
NORITAKE CO., LIMITED
NOTOALLOY Co.,Ltd.
NS TOOL CO.,LTD.
NSK Ltd.
NT TOOL CORPORATION
NTN Corporation
NUNOME ELECTRIC CO.,LTD

O

OBISHI KEIKI SEISAKUSHO
Oerlikon Japan Co., Ltd.
OFFICE KIITOS*
OGASAWARA PRECISION LABORATORY CO. LTD
OHM ELECTRIC CO., LTD.
OHMINE INDUSTRY CO.,LTD.
OHMIYA MACHINERY CO.,LTD
Ohno Seiko Co.,LTD
OHTORI KIKO CO., LTD.
OJIYA SEIKI CO.,LTD.
Okamoto Machine Tool Works,Ltd.
OKAMOTOSYOUTEN
okasugi
OKAZAKI SEIKO CO.,LTD.
Okuma Corporation
O-M Ltd.
ONWARD CERAMIC COATING., LTD.
OPEN MIND Technologies Japan K.K.
OPTON CO.,LTD.
ORIN Consortium
Osaka Pref 'Monodzukuri B2B Network'
Osaka Seikan Co., Ltd.
OSG Coating Service Co.,Ltd.*
OSG Corporation
OTSUKA OPTICS Co.,Ltd.
OZAKI MFG.CO.,LTD.

P

P&C LTD.
PAL CO.,LTD.
Panasonic Factory Solutions Sales & Engineering
Japan Co.,Ltd
PARKER NETSUSHORI KOGYO CO.,LTD.*
Pascal Corporation
PEM Japan
PETROPLAN CO.,LTD.
phos**
physical photon Co., Ltd
PIONEER MACHINE TOOLS, INC.
Pioneer Trading Company
PLUS CORPORATION
Polytec Japan
PRECISION TOOL MAKERS EXPORT GROUP, LTD.
PRIORITY CO.,LTD
PULSTEC INDUSTRIAL CO., LTD.

Q

QUALICA Inc.*

R

Rapyuta International Co.,Ltd
RATTUNDE KK

READ Co.,Ltd.
REGO-FIX Japan K.K.
REIHOU CO LTD
Reishauer KK
Renishaw KK
RESITON Co., LTD.
RESMOTOOL CO.,LTD.*
R-GOT CO.,LTD
Rhinos Company Ltd.
RIKEN SEIKI Co.,Ltd.
RIKENKEIKI NARA MFG.Co.,LTD.
Rittal K.K.
RIX CORPORATION
ROBOTEC Inc.*
Roemheld Halder Co., Ltd.
ROKU-ROKU SANGYO,LTD.
RYOCO SEIKI CO.,LTD

S

S&F inc.
S.LAB inc
S.T-Link Co., Ltd.
SAEILO ASIANET,INC.
SAEILO JAPAN, Inc.
SAIDA UMS INC.
SAINT-GOBAIN K.K.
SAITO SEISAKUSHO CO.,LTD.
SAITOH Kougaku Co.,Ltd
Sakaiseisakusyo*
SAKURAI LTD.
Sanalloy Industry Co., Ltd.
Sangen corporation
SANKEI MANUFACTURING CO.,LTD.
SANKI SEIKO co.,Ltd.
Sanki-Technos Co., Ltd.
Sanko Limited
SANKYO SEISAKUSHO CO.
SANMEI MECHANICAL INC.*
Sanpo Seiki Co., Ltd.
SANRITSU SEIKI Co.,Ltd.**
SANSHIN
Sanwa Robotics Co.,Ltd.
SANWA SEISAKUSHO CO.,LTD
SANWA SHOKO Co.,Ltd.
SANWAKOUYU CO.,LTD.
Sanwatechno Co., Ltd.
SANYO MACHINE CO., LTD.
SANYO MFG.CO.,LTD.
Satech Safety Technology Ltd
Sawairi Engineering Co.,LTD
SBC
Schmersal Japan K.K
SCHUNK Japan K.K.
SeaForce Co.
SEAVAC,INC.
Seibu Electric & Machinery Co.,Ltd.
Seibu Shoko Co., Ltd.
SeibuHitec
Seiko Instruments Inc.
SEIWA CORPORATION
SENUO SEIKI CO., LTD.
SHIBAURA MACHINE CO., LTD.
SHIBUYA CORPORATION
SHIGIYA MACHINERY WORKS LTD.
SHIMADA MACHINERY Co.,Ltd
SHIN NIPPON KOKI CO.,LTD.
SHINANO KIHAN CO.,LTD.
SHINKO MACHINERY CO., LTD.*
SHINKO MFG.CO.,LTD
ShinMaywa Industries, Ltd.
ShinMaywa Soft Technologies, Ltd.*
SHIN-OH ELECTRIC CO.,LTD.
SHINSEI CORPORATION
SHINWA TRADING CO.,LTD.
SHIZUOKA MACHINE TOOL CO., LTD.
Shoraku Co.,Ltd
SHOWA CORPORATION
Showa Precision Industry*
SHOWA TOOL CO.,LTD
SHOWADENKI.CO.,LTD
Siemens
SIGA MACHINE TOOL CO.,LTD.*
SIGMA ELECTRONICS Co., Ltd.
silix technology, Inc.**
Silver Alloy Co.,Ltd.
SKF Japan Ltd.
SMC Corporation
SMW-AUTOBLOK JAPAN INC.
Sodick Co.,Ltd.
SOFIX Co., Ltd.
SoftCube Co., Ltd.

SOHRYU SANGYO CO.,LTD.
SOKUHANSHA.CO.LTD
SOLTON CO.,LTD.
SOMAX CO., LTD.
SONEDA KOUGYOU CO,LTD
SONOTEK Co., Ltd.
SOWA Co., Ltd.
Spatial
SPI ENGINEERING CO.,LTD
RIKEN CHEMICALS CO.,LTD
State Industry Co.,Ltd.
STG JAPAN Ltd., Co.
STO CO.,LTD
SUGANUMA TOISHI SEISAKUSYO CO.LTD
Sugatsune Kogyo Co., Ltd.
SUGINO MACHINE LIMITED
Sumflex Co.,Ltd.
Sumitomo Electric Industries, Ltd.
Sumitomo Heavy Industries Finetech, Ltd.
SUN-YELL INTERNATIONAL CORPORATION
SWISS TECHNOLOGY COMPANY LIMITED
SYNOVA JAPAN KK

T

T and S LABORATORY Inc.*
TACC Corporation
TACS CORPORATION
TACTX Co.,Ltd.
TaeguTec Japan Ltd.
TAIGA SHUPPAN
TAINATEC CO.,LTD*
TAISEI KOGYO Co., Ltd.
TAIYO KOKI CO., LTD.
Taiyo-kouki Co.,Ltd.
TAIYO-TOOL CO.,LTD.
TAIYU CO., LTD.
TAKYUUNO SEISAKUSHO CO.,LTD.
TAKAHASHI MACHINERY CO.,LTD.
TAKAHASHI TOOLS CO., LTD.
TAKAKURA KOHGYO CO., LTD.
TAKAMATSU MACHINERY Co.,Ltd
Takashima Sangyo Co., Ltd.
TAKEDA MACHINE TOOLS CO.,LTD.
Takeuchi Precision Works Co.,Ltd.
Takimotojikenkougyou*
TAKISAWA MACHINE TOOL CO., LTD.
TAKURAKOGU SEISAKUSYO
TANITEC CORPORATION
TANOI MFG.CO.LTD
TATENNO CO., LTD.
TATUNO Sawig Dr.CO.LTD
Tech.Yasuda Co.,Ltd.
Techno Dynamics Inc.
TECHNO21GROUP
TECHNOA,Inc
TechnoCoat Co., Ltd.
TECLOCK Corporation
TECNISCO, LTD.
TEIKEN CORPORATION
TEIKOKU CHUCK.CO.,LTD
Telus Laser Co., Ltd.
TENRYU SAW MFG. CO., LTD.
Teral Inc.
Tetsugen Jitsugyo Co., Ltd.*
THE KIICHI TOOLS Co., Ltd.
THE NIKKAN KOGYO SHIMBUN, LTD.
The SHODA Company
THK CO.,LTD.
Tipton Corp.
TMW Co.,Ltd.
TODASEIKI CO., LTD.
Tohshin Technical Co.,Ltd.
TOKO CO., LTD.
TOKYO AUTOMACH CO.,LTD.
Tokyo Chokoku Marking Products Co.,Ltd
Tokyo Engineering Co., Ltd.
Tokyo OIL Analyst Co., Ltd.*
TOKYO PARTS CENTER Co., Ltd.
TOKYO SEIKI KOSAKUSHO CO.,LTD.
TOKYO SEIMITSU CO., LTD.
TOKYO SEIMITSU HATSUJO Co.,LTD.
TOKYO TAPPING MACHINE CO.,LTD.
Tokyo Technical Instruments Inc.
Tomita Co.,LTD
TOMITAKOUKI*
TOOL de INTERNATIONAL CO.,LTD.
Tool Discovery Co., Ltd*
Tornex Inc.
TOWA CORPORATION
Toyo Advanced Technologies Co., Ltd.
TOYO Co.,Ltd

TOYO CORPORATION
TOYO Corporation
TOYO KENMAZAI KOGYO LTD.
TOYO MACHINE MFG.CO.,LTD.
Toyo Screen Kogyo Co., Ltd.
TOYOKOKA CO.,Ltd.
TOYOSEIKI KOGYO CO.,LTD
TOYOX CO.,LTD.
TPR OSAKA SEIMITSU KIKAI CO., LTD.
Star Micronics CO.,LTD
TRI ENGINEERING COMPANY LIMITED*
TRIO ENGINEERING CO.,LTD
Trioptics Japan Co.,Ltd.
TRIPLE R CO.,LTD.
TRUMPF CORPORATION
TSK Corporation
TSUBAKI NAKASHIMA CO., LTD.
TSUBAKIMOTO MAYFRAN INC.
TSUDAKOMA Corp.
TSUGAMI CORPORATION
Tsukahara Engineering
TSUKUBA ENGINEERING LTD.
TSUNE SEIKI Co.,Ltd.
Tungaloy corporation

U

UEL Corporation*
UF TOOL CO.LTD*
UJIDEN CHEMICAL INDUSTRY CO.,LTD.
UNIMAGTECH CO.
UNION TOOL CO.
Unipulse Corporation
United Grinding Group Management AG
UNITEK JAPAN K.K.
Upfield, LLC.
UTSUNOMIYA SEISAKUSHO CO.,LTD.

V

Vector Co., Ltd.
Vectrix Corporation
Vero Software KK
VESSEL CO., INC.
Vollmer Japan K.K.
Volume Graphics Co., Ltd.

W

WAGO COMPANY OF JAPAN, LTD.
WAIDA MFG. CO., LTD.
Watanabe Seimitsu industries,Ltd.
WELLLI CO.,Ltd
WESTERN JAPAN TRADING CO., LTD.*
WINTECH CO.,LTD.

X

XEBEC TECHNOLOGY CO.,LTD.

Y

Yamada Machine Tool Co., Ltd.
Yamadaseisakusyo*
YAMAGUCHI SANGYO CO., LTD.
YAMAMOTO SCIENTIFIC TOOL LABORATORY CO., LTD.
YAMASAKI GIKEN CO., LTD.
Yamashita Works Co.,LTD*
YAMAWA MFG.CO.,LTD.
YAMAZAKI MAZAK CORPORATION
YAMAZEN CORPORATION
YANASE Co.,LTD.
YANO METALS CO., LTD.
YASDA PRECISION TOOLS K.K.
YG-1 JAPAN
YKT Corporation
YODOGAWA electric tool mfg.
YOKOHAMA NEPLLOS Co.,Ltd.
Yokohama Systems Co., Ltd
YONEZAWA KOKI CO., LTD.
YOSHIKAWA IRON WORKS CO.,LTD.
YOSHIKAWAMAPLE CO.LTD.,
YTK CO.,LTD
YUKIWA SEIKO INC.
Yuko Corporation
YUKOSOKUHAN CO.,LTD.
YUSHIRO CHEMICAL INDUSTRY CO.,LTD.

Z

ZERO FOUR Co.,Ltd.
ZIPPERTUBING JAPAN.LTD
ZOLLER Japan K.K.

Exhibitors List [Overseas/AM Area]

alphabetical order

* ...Co-Exhibitor
**...Represented Company

<Overseas Exhibitors>

A

ABSOLENT AB**
Additive Industries B.V.*
Affolter Group SA**
AGATHON AG*
ALESA AG**
Alfred Jäger GmbH**
AM Technology Co.,Ltd**
APPLITEC MOUTIER SA**
ARBURG GmbH+Co KG,*
ATE antriebstechnik und entwicklungs gmbh & Co. KG**
AUSTEK Ltd.

B

Balance systems s.r.l.**
Beijing Gang Yan Diamond Products Company
BEISIT ELECTRIC TECH (HANGZHOU) CO., LTD
BESCO SUPERABRASIVES CO LTD
Blohm Jung GmbH*
BLUE PHOTON Technology & Workholding Systems LLC**
botek Präzisionsbohrtechnik GmbH**
Brinkmann Pumps, K.H.Brinkmann GmbH & Co KG
BRUKER ALICONA*

C

CARMEX PRECISION TOOLS LTD.
CASTEK Mechatron Ind Co.,Ltd*
CHAIN HEADWAY CO., LTD.*
CHN-TOP SCI & TECH CO.,LTD
Colibri Spindles Ltd.**
Compo Tech PLUS, spd.sr.o**
Conoptica AS**
Crevoisier SA**

D

detrone Machine Co., Ltd.
Dierichx-Tools BV, Dep. Will-Fill**
DIXI**
Dontyne Systems Limited*
Dormer Pramet Ltd**
DYC CO., LTD.

E

e+a Elektromaschinen und Antriebe AG
Electro Static Technology - ITW**
ERNST GROB AG*
EWAG*

F

FILTERMIST INTERNATIONAL LTD.**
Fives Giustina S.r.l.*
Fladder Danmark A/S
FLAIG Magnetsysteme GmbH & Co.KG**
Flexmill Oy*
Franz KESSLER GmbH**

G

Gebr. Reinfurt GmbH & Co.KG**
Gebr. SAACKE GmbH & Co.KG**
Gehring Technologies GmbH + Co. KG*
GEMtool Co., LTD.
German Tech Precision Manufacturing Co., Ltd
GF MACHINING SOLUTIONS AG LIECHTI ENGINEERING*
GFU Maschinenbau GmbH*
GMN Paul Müller Industrie GmbH & Co. KG**
Green Hills Software LLC
GRINTIMATE PRECISION INDUSTRY CO., LTD.*

H

HAAS Schleifmaschinen GmbH*
HAN JIE MACHINERY CO., LTD*
HANSUNG GT Co.,Ltd
Hantop Intelligence Tech.**
HEICO-LOCK*
Hexagon AICON ETALON GmbH*
HG TECHNOLOGY CO., LTD.
Hofmann Mess- und Auswuchttechnik GmbH & Co.KG**
HOMMEL + KELLER GmbH**
HONSBURG METALLSAEGEN GMBH
HORN, Paul Horn GmbH
HOSEA PRECISION CO., LTD.
HSG Laser Co., LTD.
HSIN LIEN SHENG MACHINERY CO., LTD.*
HTT Tiefbohrtechnik GmbH
Hunan Boyun-Dongfang Powder Metallurgy Co.,Ltd
HYPROSTATIK Schönfeld GmbH**

I

IBAG Switzerland AG**
icotek GmbH*

IHI Bernex AG*
IHI Hauer Techno Coating B.V.*
IHI Ionbond AG*
IMM Maschinenbau GmbH*
INCOS INC
INDEX-Werke GmbH & Co.KG Hahn & Tescky*
INDSPHINX PRECISION LTD (Unit- B)
Innovalla Metrology
INPRO/SEAL COMPANY**
ISBE GmbH

J

JAKOB Antriebstechnik GmbH**
JETON R/D & MFG. INC
JIACHEN PRECISION CO., LTD.
JIN LI CHENG CUTTING TOOL CO.,LTD.*
Jinan Bodor CNC Machine Co.,Ltd.
JINN FA MACHINE INDUSTRIAL CO., LTD.
JIUH-YEH PRECISION MACHINERY CO.,LTD.
JOEN LIH MACHINERY CO., LTD.*

K

KAO MING MACHINERY INDUSTRIAL CO., LTD.*
KASTO Maschinenbau GmbH & Co.KG**
KEYARROW(TAIWAN)CO., LTD.
KING SHANG YUAN MACHINERY CO., LTD
Kirner Maschien GmbH*

L

L. Kellenberger & Co. AG*
Lenord, Bauer & Co. GmbH**
LESTOPREX AG.**
Levicron GmbH**
Liebherr-Verzahntechnik GmbH
Linnenbrink Technik Warburg Maschinenbau GmbH
LNS Management SA
LOADPOINT**
LOCKWOOD PRODUCTS, INC.**

M

M.T.S.r.l.
Maegerle AG Maschinenfabrik*
Magnetfinsh GmbH*
Mair Research.S.p.A.
MASTERCUT TOOL CORP.**
Matrix Precision Co., Ltd.
MicroCentric Corporation**
Mikropor
ModuleWorks GmbH
MPM Micro Praezision Marx GmbH**
MVM s.r.l.*
MWM Schmieranlagen Srl**

N

NINE9**
Numalliance

O

OSBORN**
OTEC Präzisionsfinish GmbH*
Otenlux Lighting Technology Co., Ltd.
OTT-JAKOB Spanntechnik GmbH**

P

PALMARY MACHINERY CO LTD
PARKSON WU INDUSTRIAL CO., LTD
PARV METAL PROCESSING CO
PB Swiss Tools
PB SWISS TOOLS*
PEMtec SNC*
PerformCoat Europe AG
PERONSPED**
PG Inspection Technologies LLC*
Platit AG*
PRECISION MOTION INDUSTRIES, INC.*
PRECITRAME MACHINES SA**
Proffroll Technologies GmbH*
pro-micron GmbH & Co. KG**

Q

QUALITY VISION INTERNATIONAL INC.*

R

REGG INSPECTION SRL
Rene Gerber AG*
RI HSIUNG PRECISION TECH. CO., LTD
Riello Sistemi S.p.A.*
Roeders*
ROLLOMATIC SA*
ROYAL PRECISION TOOLS CORPORATION*
RPS Co.,LTD

S

SANJET INTERNATIONAL CO., LTD.*
Schaeffler KG**
SCHAUBLIN SA**
SCHAUDT MIKROSA*
Schlegel GmbH*
Schmid & Wezel GmbH & Co. Maschinenfabrik**
Schuette*
SEOAM MACHINERY INDUSTRY CO., LTD
SF Diamond Co., Ltd.
Shandong Shanneng Precision Machinery Co., Ltd
SIEB & MEYER AG**
Sir Meccnica S.p.A*
SMS Maschinenbau GmbH*
SOCO Machinery Co.,Ltd.
Starrag Vuadens SA**
STARTOOL CO.,LTD.
STUDER*
SUGANUMA ABURASIVIES FUZHOU CO.ITD*
Sycotec GmbH & Co. KG**

T

Taiwan External Trade Development Council
TALLERAS MYL S.A.U.**
Tebis AG
TECH WAY ADVANCED MATERIALS CO.,LTD
The Timken Company**
THETA PRECISION CO., LTD.*
TnC SHARK CO., LTD
Tongtai Machine & Tool Co., Ltd.*
Trelleborg**
TSCHORN**

U

umat (c/o VDW-Forschungsinstitut e.V.)

V

Vapormatt Ltd,**
Vargus Ltd.
VEKTEK LLC
VICIVISION*

W

WALTER*
WALTHER TROWAL GmbH & Co. KG**
WANNER ENGINEERING, INC.*
Weingärtner Maschinenbau GmbH*
WENZEL Group GmbH & Co.KG*
WFL Millturn Technologies GmbH & Co. KG
WIDIN Co., Ltd.
WIKUS-Sägenfabrik, Wilh. H. Kullmann GmbH & Co KG
WILLEMIN-MACODEL SA*
WINSON MACHINERY CO., LTD.*
Wintech Automation. Co. Ltd.,
WinTool AG
WSEngineering GmbH & co.KG**
Wuxi Jianhe CNC Co.,Ltd.
Wuxi Jianhe CNC Co.,Ltd.**
WYLER AG*

X

XIAMEN GOLDEN EGRET SPECIAL ALLOY CO.,LTD

Y

YEONG CHIN MACHINERY INDUSTRIES CO., LTD.*
YESTOOL Co.,Ltd.**
Yeu Lian Electronic Co.,Ltd

Z

Zhengzhou diamond precision manufacturing Co.,Ltd.

(Additive Manufacturing Area)

#

3d printing corporation
3D Systems Japan

A

Advanced Manufacturing Technology Institute (AMTI),
Kanazawa University
Aichi Sangyo Co.,Ltd.
Ametek Co., Ltd.
APPLE TREE CO.,LTD.
ATEN JAPAN Co., Ltd.

B

BMF Japan Inc.

C

C&G SYSTEMS INC.
Carbon
CKB CORPORATION
CMET Inc

D

DAISENSANGYO CO.,LTD.*
Dassault Systemes K.K.
Data Design Co., Ltd.
DMG MORI CO.,LTD.
DOHO Corporation

F

FASOTEC Co., Ltd.
FASOTEC Co., Ltd.*
Formnext2022
Fuji Manufacturing

G

GE Additive*
Gunma AM Platform

H

HOTTY POLYMER Co.,Ltd.
HP JAPAN INC.*
HTL Co. Japan Ltd.

I

ISHII HYOKI CO.,LTD.
IWAMA Co., Ltd.

J

JAPAN 3D PRINTER CO.,LTD.
Japan 3D Printing Industrial Technology Association
Japanese Society of Additive Manufacturing
JBM Engineering corporation
JEOL Ltd.

K

Kanematsu KGK corp.
KEYENCE
KOCEL Japan Co., Ltd*

L

LPW Technology Japan Co., Ltd.

M

Matsuura Machinery Corporation
MIMAKI ENGINEERING CO., LTD.
Mitsubishi Corporation Technos
MITSUBISHI ELECTRIC CORPORATION
MURATANI MACHINE MANUFACTURE CO.,LTD.

N

NGK SPARK PLUG CO., LTD.
NIDEC MACHINE TOOL CORPORATION
Nikkeikin Aluminium Core Technology Co., Ltd.*
Nippon Light Metal Company, Ltd.*
Noga Waters Ltd.
NTT DATA XAM Technologies Corporation

Q

Q-ho Metal Works

S

S.LAB Inc
SAKURAI LTD.
SeaForce CO.
SHIBAURA MACHINE CO., LTD.
SINTO V-CERAX,LTD.
SK Fine Co.,Ltd.
Sodick Co.,Ltd.
SOLIDWORKS JAPAN K.K.
SOLIZE Corporation
SUN METALON Inc.*
Switzerland Innovation

T

Taiyo Nippon Sanso
Technology Research Association for Future
Additive Manufacturing
TechnoSolutions Corp.
TKE Co.,Ltd.
TOKYO METROPOLITAN INDUSTRIAL TECHNOLOGY
RESEARCH INSTITUTE
Toyo Aluminium K.K.
TÜV SÜD Japan Ltd.

Comparative List Showing Fair Scales Since 1st JIMTOF

Exhibition Number	Period	Location	Grounds Area	Exhibition Area	Booths	Countries/Regions Represented	Exhibitors	Visitors (overseas visitors listed in brackets)
1st	1962.10/10 ~ 10/21	Osaka	137,500㎡	47,525㎡	2,938	17	461	337,593 (1,115)
2nd	1964.11/9 ~ 11/20	Tokyo	151,800㎡	63,065㎡	2,894	19	503	424,737 (1,498)
3rd	1966.10/15 ~ 10/26	Osaka	85,000㎡	25,974㎡	1,586	14	312	361,028 (1,316)
4th	1968.10/2 ~ 10/13	Tokyo	106,500㎡	48,235㎡	2,969	15	445	502,389 (1,933)
5th	1970.10/28 ~ 11/8	Osaka	192,700㎡	58,193㎡	3,683	19	409	622,248 (1,906)
6th	1972.11/15 ~ 11/26	Tokyo	193,000㎡	63,374㎡	3,697	17	500	531,714 (2,058)
7th	1974.10/24 ~ 11/4	Osaka	120,000㎡	51,179㎡	3,168	18	410	722,315 (2,561)
8th	1976.11/15 ~ 11/26	Tokyo	116,000㎡	46,617㎡	2,533	18	439	543,719 (3,644)
9th	1978.10/27 ~ 11/7	Osaka	120,000㎡	43,000㎡	2,626	17	430	636,874 (3,087)
10th	1980.10/31 ~ 11/11	Tokyo	116,000㎡	56,618㎡	3,826	21	521	601,433 (8,056)
11th	1982.10/28 ~ 11/8	Osaka	120,000㎡	55,984㎡	4,228	20	726	633,595 (9,529)
12th	1984.10/30 ~ 11/8	Tokyo	126,000㎡	66,366㎡	4,625	23	537	604,620 (10,845)
13th	1986.10/25 ~ 11/3	Osaka	219,000㎡	77,693㎡	5,438.2	23	822	520,351 (10,595)
14th	1988.10/21 ~ 10/30	Tokyo	205,615㎡	70,462㎡	4,961	25	574	627,677 (13,055)
15th	1990.10/26 ~ 11/4	Osaka	157,000㎡	64,137㎡	4,800.3	26	911	550,405 (11,874)
16th	1992.10/27 ~ 11/4	Tokyo	205,615㎡	75,000㎡	5,445.8	32	623	531,051 (10,040)
17th	1994.10/26 ~ 11/3	Osaka	128,986㎡	73,000㎡	4,325.5	24	880	425,786 (10,114)
18th	1996.11/12 ~ 11/19	Tokyo	243,320㎡	80,660㎡	4,958	25	565	131,347 (4,945) *1
19th	1998.10/28 ~ 11/4	Osaka	128,896㎡	76,000㎡	4,769	19	753	103,435 (4,497) *1
20th	2000.10/28 ~ 11/4	Tokyo	243,420㎡	82,660㎡	5,012	19	768	114,292 (4,741) *1
21st	2002.10/28 ~ 11/4	Tokyo	243,420㎡	82,660㎡	5,031	17	764	99,251 (3,534) *1
22nd	2004.11/1 ~ 11/8	Tokyo	243,420㎡	82,660㎡	5,037	22	832	123,319 (6,522) *1
23rd	2006.11/1 ~ 11/8	Tokyo	243,420㎡	82,660㎡	5,125	19	785	130,908 (7,159) *1
24th	2008.10/30 ~ 11/4	Tokyo	243,420㎡	85,520㎡	5,233	17	851	142,408 (8,366) *1
25th	2010.10/28 ~ 11/2	Tokyo	243,420㎡	82,660㎡	4,964	23	813	114,558 (7,628) *1
26th	2012.11/1 ~ 11/6	Tokyo	243,420㎡	82,660㎡	5,092	23	815	128,674 (8,347) *1
27th	2014.10/30 ~ 11/4	Tokyo	243,420㎡	82,660㎡	5,083	25	865	136,196 (10,527) *1
28th	2016.11/17 ~ 11/22	Tokyo	265,752㎡	98,540㎡	5,518	21	969	147,602 (11,533) *1
29th	2018.11/1 ~ 11/6	Tokyo	265,752㎡	98,540㎡	5,524	21	1,085	153,103 (12,934) *1
31st*2	2022.11/8 ~ 11/13	Tokyo	265,752㎡	118,540㎡	5,618	22	1,087	114,158 (4,815) *1

*1 Multi-entries of the registered visitors counted as one since the 18th JIMTOF 1996.

*2 JIMTOF 2020 was cancelled. As an alternative, "JIMTOF 2020 Online" was a held.