ou com eat ideas

#one_percent_inspiration

Exhibition Specializing in Industrial **Robots and Automation Systems**



July 4th(Thu.)-6th(Sat.), 2024 Venue Aichi Sky Expo [Exhibits] Vertical articulated robots, Horizontal articulated robots, Parallel-linked robots, Orthogonal robots, Collaborative robots, Other industrial robots, Gantry loaders, AGVs/AMRs, Automated warehouses, Sorters, Materials handling equipment, Picking systems, Other logistics 10:00-17:00 *July 6th(Sat.) 10:00 - 16:00 equipment, Hands, Robot components, Peripheral, Sensors and control equipment, Software, Al ind Internet of Things related equipment and systems, Robot-mounted machinery and equipment $\pm 1.000^{\text{(General}}_{\text{(visitors)}} \pm 500^{\text{(More}}_{\text{(visitors)}}$ Automation technologies, etc

Let's find the future of automation systems, logistics, food and packing industries



Next exhibition scheduled for **2025.10.22**[§] ▶ **25**[§]

Contact us

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MECHATRONICS TECHNOLOGY JAPAN

Final Report

Organizer : News Digest Publishing Co., Ltd. Co-organizer : Aichi Industrial Distributor's Association



1. Exhibition overview

Greeting

Under the theme of "FEEL IT! Experience the power of machine tools at the venue," MECHATRONICS TECHNOLOGY JAPAN 2023 was held for four days from October 18 (Wed.) to 21 (Sat.), 2023 at Port Messe Nagoya. The event came to an end with great success thanks to everyone's special cooperation and support.

Both the number of exhibitors and the scale of their exhibits were the highest ever, with 490 companies and organizations and 2,101 booths, using all three exhibition halls of Port Messe Nagoya. We welcomed a great number of visitors, with a total of 77,225 people.

The next MECHATRONICS TECHNOLOGY JAPAN 2025 is scheduled to be held at Port Messe Nagoya for four days from October 22 (Wed.) to 25 (Sat.), 2025. We will make greater efforts to further improve the content, so we are looking forward to your continued support and cooperation.

News Digest Publishing Co., Ltd. Aichi Industrial Distributor's Association



Name of exhibition	MECHATRONICS TECHNOLOGY JAP
Theme	"FEEL IT!" Experience the power of m
Venue	Port Messe Nagoya Exhibition Hall 1(New), 2, 3
Date	October 18th (Wed.) \sim 21st (Sat.), 2
Opening hours	10:00 ~ 17:00 *October 21st (Sat.) 1
Entrance fee	JPY 1,000 for general domestic visito (Free for pre-registers, overseas visito
Organizer	News Digest Publishing Co., Ltd.
Co-organizer	Aichi Industrial Distributor's Associati
Supporting Organizations	Ministry of Economy, Trade and Indu and Technology in Japan/ Japan Ext Prefectural Government/ City of Nag (random order)
Special cooperating organization	JMTBA-Japan Machine Tool Builder: (random order)
Cooperating Organizations	Japan Forming Machinery Associat Robot Association/ Japan Machine Instruments Manufactures Assoc Manufactures' Association/ Japan C Diamond Association of Japan/ Jap Machine Tool Importers' Association Japan Industrial Saw & Knife Assoc Industry Association/ Japan Insti Manufactures' Association/ Japan Flu Institute of Logistics Systems/ Nippo Japan Industrial Conference on Clea order)
Exhibits	Metal-cutting and forming machine to for machines, Sawing blades, Cuttin Grinding wheels, Polishing agent, equipment, Gears and gear-making equipment, CAD/CAM/CAE softwar robots, Material handling equipment, Testing certification services, New re equipment, etc.
Exhibition scale	Number of exhibitors: 490 co Number of exhibition booths: 2,101 k
Number of visitors	77,225 people
Special program	■ Special program by organizer (Con "Machining Extraordinaire-Hints for 10/20(Fri.) Special seminar: "CEC drar
Seminar	Seminar 10/18 (Wed.) "AUTOMOTIVE" Car 10/19 (Thu.) "AIRCRAFT" The Futu 10/20 (Fri.) "AUTOMATION" Tap Co-located event
Co-located event	10/21 (Sat.) ~ 22 (Sun.) Machine To



PAN 2023 (MECT2023)

nachine tools at the venue.

2023

10:00 ~ 16:00

ors

tors, students and invited guests)

tion

ustry/ Ministry of Education, Cultures, Sports, Science xternal Trade Organization (JETRO NAGOYA) / Aichi agoya/ Nagoya Chamber of Commerce and Industry

rs' Association/ Japan Tool Distributors' Association

ation/ Japan Precision Machine Association/ Japan Accessory Association/ Japan Precision Measuring ociation/ Japan Optical Measuring Instruments Cutting & Wear-resistant Tool Association/ Industrial apan Machine Tool Distributors Association/ Japan on/ Manufacturing Science and Technology Center/ ociation/ Micromachine Center/ Japan Die & Mold titute of Logistics System/ The Japan Electrical luid Power Association/ Micromachine Center/ Japan on Electric Control Equipment Industries Association/ eaning/ Japan Grinding Wheel Association (random

tools, Injection molding machines, 3D printers, Tools ng tools, Measuring equipment, Testing equipment, , Oil hydraulic, Water hydraulic and pneumatic g equipment, Environment preservation and safety are, Control devices and related software, Industrial t, Washing/cleaning machines, Quality control/Safety/ materials, Micro-machines, Nanotechnology-related

ompanies and organizations booths

ncept zone) ^r Machining Here" Os of fast-growing enterprises share the secret of amatic business growth"

Manufacturing for Tomorrow ure of the Aircraft Industry oping into State-of-the-Art Robots

ool Top Seminar (Seminar program for students) Tool Builders' Association

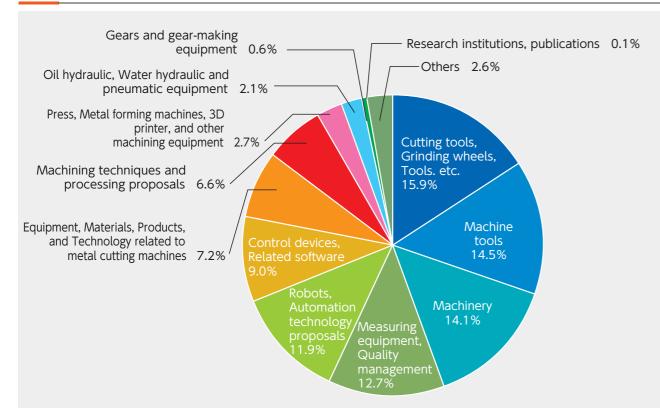
2. Exhibition scale and field

Exhibition scale

Both the number of exhibitors and the scale of their exhibits were the highest ever, with 490 companies and organizations, and 2,101 booths, using all three exhibition halls of Port Messe Nagoya.

Number of exhibitors	Number of exhibition booths
490 companies and organizations	2,101 booths

Percentage by exhibition field



Field	Percentage
Cutting tools, Grinding wheels, Tools. etc.	15.9%
Machine tools	14.5%
Machinery	14.1%
Measuring equipment, Quality management	12.7%
Robots, Automation technology proposals	11.9%
Control devices, Related software	9.0%
Equipment, Materials, Products, and Technology related to metal cutting machines	7.2%
Machining techniques and processing proposals	6.6%
Press, Metal forming machines, 3D printer, and other machining equipment	2.7%
Oil hydraulic, Water hydraulic and pneumatic equipment	2.1%
Gears and gear-making equipment	0.6%
Research institutions, publications	0.1%
Others	2.6%
Total	100.0
	(Unit: %)

3. About visitors

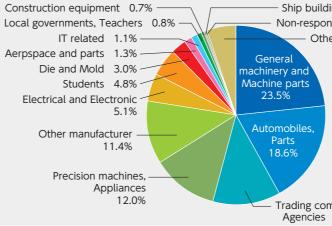
Number of visitors

	Day	Weather	Total Number of Visitors
1	10/18 (Wed.)	Clear	18,084
2	10/19 (Thu.)	Clear	20,108
3	10/20 (Fri.)	Clear, then cloudy	24,731
4	10/21 (Sat.)	Clear	14,302
	Total	77,225	

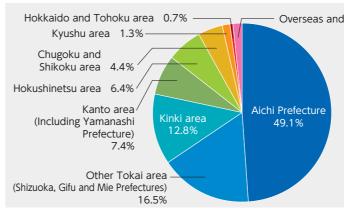
Past exhibition scale

	MECT2005	MECT2007	MECT2009	MECT2011	MECT2013	MECT2015	MECT2017	MECT2019	MECT2021	MECT2023
Number of exhibitors	429	377	349	365	464	444	457	477	426	490
Number of booths	1,783	1,953	1,178	1,490	1,747	1,915	1,933	1,941	1,795	2,101
Dates	10/19~22	10/17~20	10/14~17	9/29~10/2	10/23~26	10/21~24	10/18~21	10/23~26	10/20~23	10/18~21
Number of visitors	87,771	93,872	90,920	83,057	93,741	94,124	92,305	90,244	68,929	77,225

Percentage of visitors by industry



Percentage of visitors by region

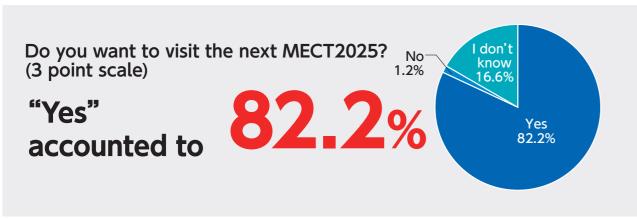


ling	0.3%	Type of industry		Percentage
nse	0.2%	General machinery and Machine par	rts	23.5
	5.1%	Automobiles, Parts		18.6
iers	5.1%	Trading companies, Agencies		12.1
		Precision machines, Appliances		12.0
		Other manufacturer		11.4
		Electrical and Electronic		5.1
		Students		4.8
		Die and Mold		3.0
		Aerpspace and parts		1.3
		IT related		1.1
		Local governments, Teachers		0.8
		Construction equipment		0.7
		Ship building		0.3
		Non-response		0.2
		Others		5.1
	nies,	Tot	tal	100.0
12	.1%			(Unit: %)

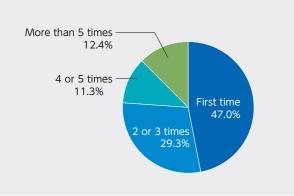
1.4%	Visitors	Percentage
	Aichi Prefecture	49.1
	Other Tokai area (Shizuoka, Gifu and Mie Prefectures)	16.5
	Kinki area	12.8
	Kanto area (Including Yamanashi Prefecture)	7.4
	Hokushinetsu area	6.4
	Chugoku and Shikoku area	4.4
	Kyushu area	1.3
	Hokkaido and Tohoku area	0.7
	Overseas and Others	1.4
	Total	100.0

4. Visitor survey

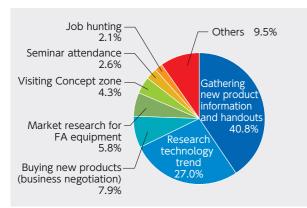
Satisfaction level (1,116 people responded)



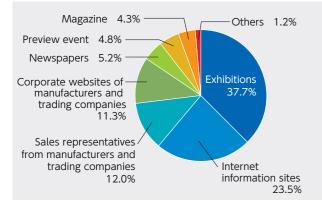
How many times have you attended **MECT** before?



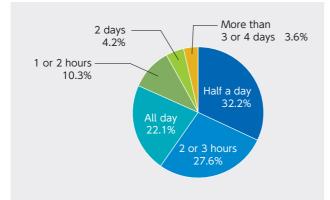
What is the purpose of yow visit?



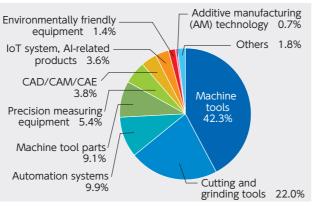
How do you collect information on machinery and equipment?



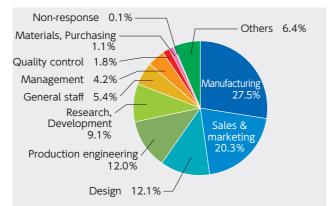
How long did you stay at the venue?



Which products were you particularly interested in?

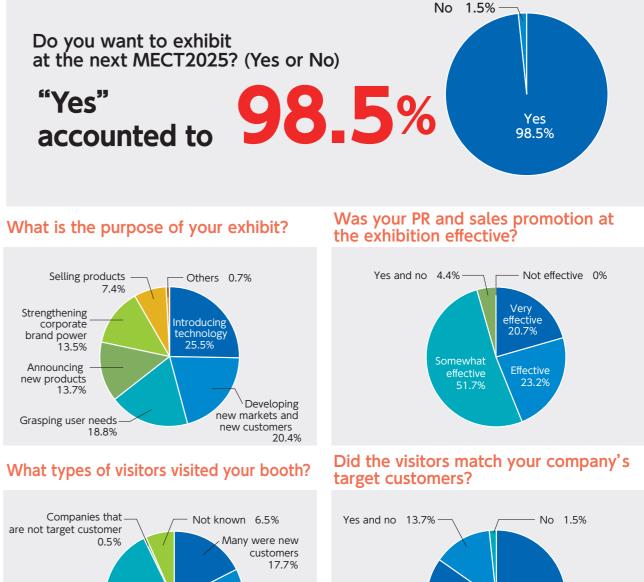


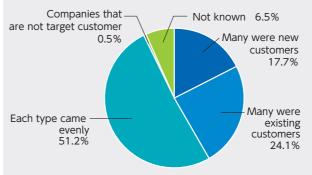
What is your occupation?



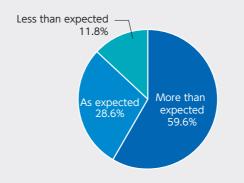
5. Exhibitor survey

About the next exhibition (362 companies responded)



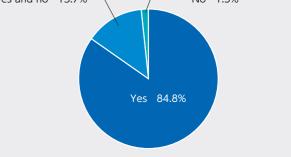


How was the actual attendance compared to the anticipated expectations?

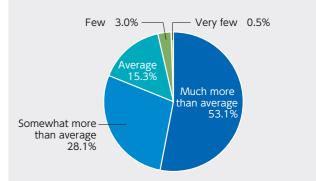


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How do you rate about the overall number of visitors?



6. Opening ceremony/Reception/Special program by organizer/Seminar







dramatic business growth

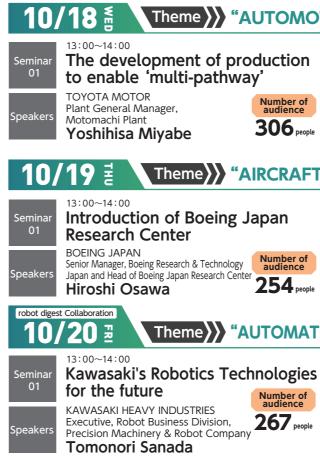


Business managers from the three Concept Zone partner companies gathered together and talked about their company's strengths, secrets to success and future strategies, which made the event more fruitful.



Seminar

During this three-day event, six lecturers with different areas of expertise held seminars on the current state and future prospect of manufacturing under the themes of AUTOMOTIVE, AIRCRAFT, and AUTOMATION.





Co-located erent

Seminar program for students Machine Tool Top Seminar

The seminars and social parties were held to introduce the importance of machine tools, which play a central role in the manufacturing industry, various cutting-edge technologies used in machine tools, and the fun of working in the machine tool industry. They offered opportunities for students and companies to communicate with each other.

JMTBA Japan Machine Tool Builders' Association



Theme // "AUTOMOTIVE" Car Manufacturing of Tomorrow

14:20~15:20



Evolution of manufacturing born from things unchanged and Challenges to new areas

NISSAN MOTOR Vice President, Plant Manager, Yokohama Plant Tamiyo Wada



Theme "AIRCRAFT" The Future of the Aircraft Industry



14:20~15:20

Challenges for future sustainable aviation



Research & Engineering Division, Aero Engine, Space & Defense Business Area Deputy Division Director Kazuhiro Masuda

Theme ** "AUTOMATION" Tapping into State-of-the-Art Robots



14:20~15:20 Yamaha Motor's vision of transport automation $\sim \mu$ to km \sim Number of audience

YAMAHA MOTOR **295** people Executive Officer, Executive Chief General Manager of Robotics Business Unit, Solution Business Operations Ayako Egashira



October 21st (Sat.) : Touring MECT2023/Get-together party October 22nd (Sun.): Seminar

7. Activities to promote attendance

(publicity, publications, public relations and advertisements)

Advertisements

Posting in advertising media such as newspapers, magazines and websites The exhibition was Advertised in many leading industry magazines as well as national magazines and business journals.

	Newspaper Advertisement							
Publication date	Media name	Publication date	Media name					
10/1	Nagoya Kikou Shinbun	10/11	Nikkei Business Daily					
10/3	The Mid-Japan Economist	10/11	The Mid-Japan Economist					
10/4	The Nikkan Kogyo Shimbun	10/12	Nikkei(Chubu)					
10/4	Nikkei Business Daily	10/16	The Nikkan Kogyo Shimbun					
10/5	The Nihon Sanki Shimbun	10/16	The Yomiuri Shimbun					
10/5	Nikkei(Chubu)	10/17	The Mid-Japan Economist					
10/10	KANAGATA PAPER	10/17	The Chunichi Shimbun					
10/10	Chubu Kikou Shinbun	10/17	Nikkei(Chubu)					
10/10	The Nihon Butsuryu Shimbun	10/18	The Mid-Japan Economist					
10/10	Monodukuri review	10/18	Nikkei Business Daily					
10/11	The Nikkan Kogyo Shimbun							

Magazine Advertisement				
Publication issue Media name				
July issue	JMTBA NEWS			
Ocotober issue	Nikkei Manufacturing			
Ocotober issue	Machine and Tool			
Ocotober issue	Tool Engineering	etc.		

	WEB Advertisement				
Publication date	Media name				
10/2~10/17 9/1~10/17 9/1~10/17 9/1~10/17 9/1~10/17	Nikkei Electronic Version Run of Nikkei Google Ads YouTube Ads facebook Ads instagram Ads etc				





Transport advertisements, TV commercials, YouTube advertisements

The exhibition was actively promoted through TV commercials, transport advertisements and YouTube.



Transport advertisements Publication place

J-AD Vison at Nagoya Station (Shinkansen exit & underground passage) JR Nagoya Multivision

Escalator side wall in Kanayama Station Degital signage of Meitetsu Nagoya Station Subway Square Vision (Nagoya, Sakae, Kanayama) Hanging advertisements on Meitetsu Line (All Lines) Hanging advertisements on JR (Nagoya) Hanging advertisements on Aichi Loop Railway Posters at Meitetsu Chiryu Station Posters at JR Kariya station Posters at Kintetsu Hirata station Posters at Aichi Loop Railway Mikawa Toyota Station



[JR Nagoya Multivision]



[Escalator side wall in Kanayama station]



[J · AD vision at Nagoya station] (Shinkansen exit)

Media coverage

In addition to pre-exhibition advertisements, many media outlets published special issues on MECT2023. During the exhibition, it was introduced on TV news programs and radio programs in Aichi.





[The Mid-Japan Economist] October 17th, 2023

Official website

The official website was used to recruit exhibitors and provide information on exhibitors' products and the latest information. In addition, in collaboration with the official media SEISANZAI MARKETING Magazine, NEWS FLASH was distributed to quickly deliver the latest information and highlights of the exhibition.



Number of official website visits 2,106,246 visits (9/1 - 10/21, 2023)

(official website)

Introduction in official printed materials

Prior to the exhibition, extra effort was put into attracting customers by sending out direct mail as an "exhibition information set." At the venue, Official Guidebooks and Floor Maps with a list of exhibitors and information on exhibited products were distributed.



Distribution of e-mail magazine

E-mail magazines aimed at MECHATRONICS TECHNOLOGY JAPAN visitors weve distributed domestically to attract visitors to the official website.

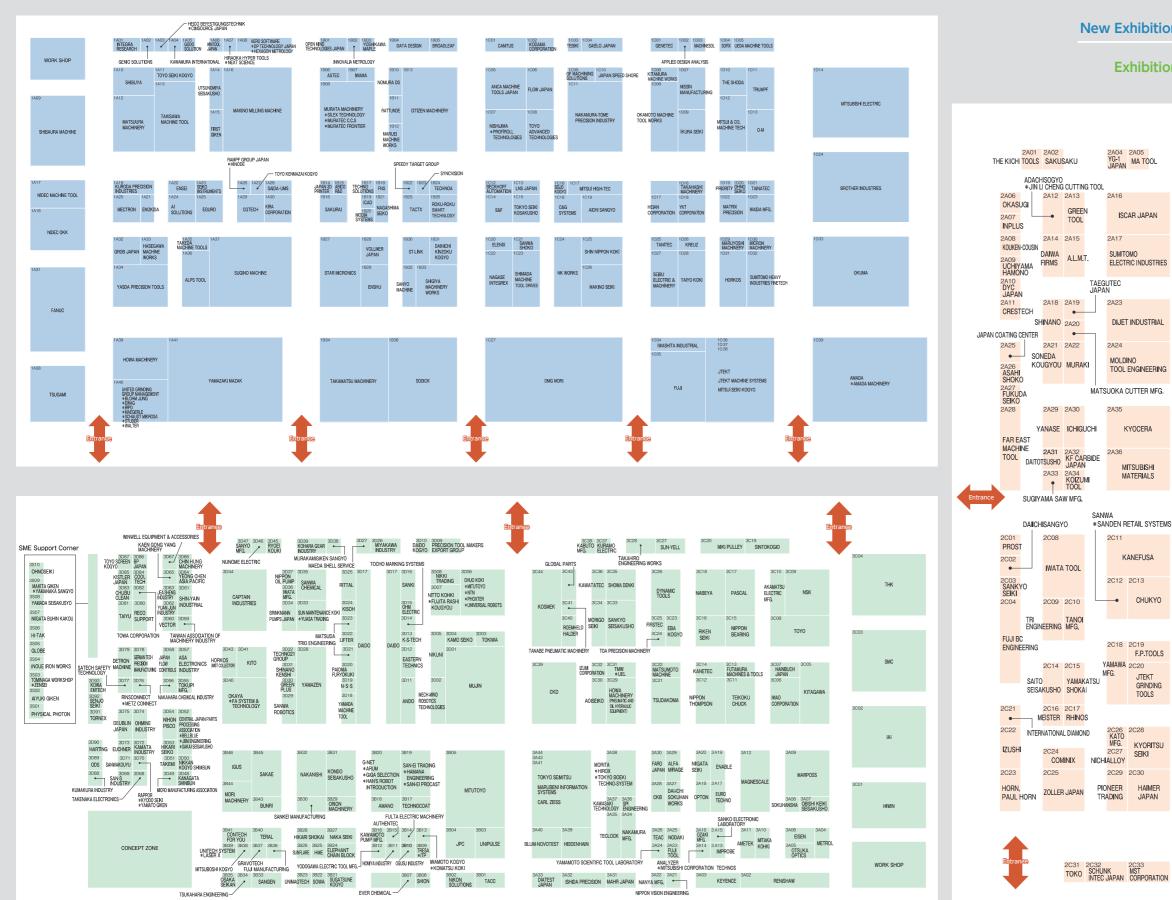
Major e-mail newsletter and header advertisement						
Date	Media	Date	Media			
9/1	MECT e-mail newsletter	10/10	Nikkei X Tech News-header ad			
9/8	MECT e-mail newsletter	10/11	MECT e-mail newsletter			
9/15	MECT e-mail newsletter	10/13	MECT e-mail newsletter			
9/22	MECT e-mail newsletter	10/16	MECT e-mail newsletter			
10/4	MECT e-mail newsletter	10/17	MECT e-mail newsletter			
10/4	Nikkei Manufacturing News-header ad	10/18	MECT e-mail newsletter			
10/6	MECT e-mail newsletter	10/19	MECT e-mail newsletter			
10/10	Nagoya Chamber of Commerce and Industry			etc.		



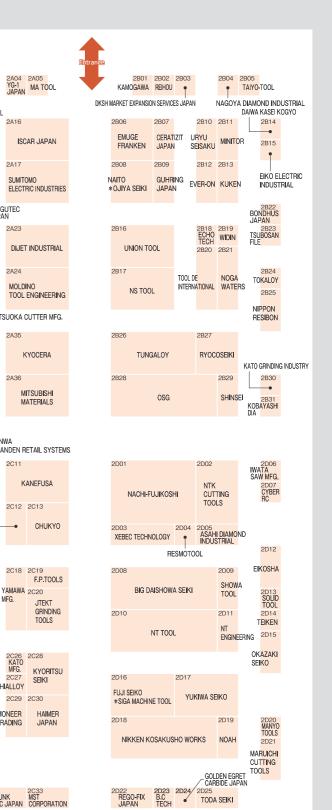
[NEWS FLASH]



8. Booth map



New Exhibition Hall Exhibition Hall 3



Exhibition Hall 2

9. List of exhibitors (company names in the order of the Japanese syllabary)

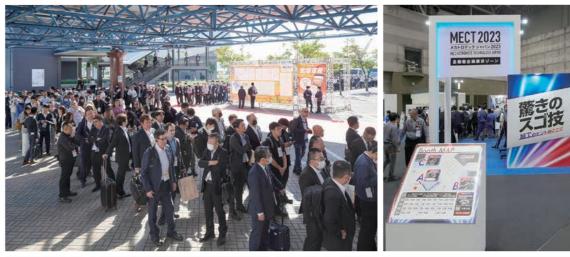
	both No.	Company Na
A.L.M.T. ABICO R&D	2A15 1B15	FUJI TOOL FUKUDA SEIKO
ADACHISOGYO	2A12	FULTA ELECTRIC M
*JIN LI CHENG CUTTING TOOL AI SOLUTIONS	1A24	FUTAMURA MACH G-NET
AICHI SANGYO	1C19	*ARUM
AIYUKI GIKEN AKAMATSU ELECTRIC MFG.	3502 3C10	*GIGA SELECTION *HAN'S ROBOT IN
ALFA MIRAGE	3A29	GENETEC
ALPS TOOL AMADA	1A36	GENIO SOLUTIONS GERMAN TECH PRECISION
*AMADA MACHINERY	1D39	GF MACHINING SC
AMANO AMETEK	3B18 3A11	GLOBAL PARTS GLOBE
ANALYZER	3A14	GODO SOLUTION
*MITSUBISHI CORPORATION TECHNOS ANCA MACHINE TOOLS JAPAN	1C05	GOLDEN EGRET CA GRAVOTECH
ANDO	3D11	GREEN PLUS
AOISEIKO APPLIED DESIGN ANALYSIS	3C30 1D02	GREEN TOOL GROB JAPAN
ASA ELECTRONICS INDUSTRY	3D57	GUHRING JAPAN
ASAHI DIAMOND INDUSTRIAL ASAHI SHOKO	2D05 2A26	HAIMER JAPAN HAINBUCH JAPAN
ASTEC	1B06	HARTING
AUTHENTEC	3B15	HASEGAWA MACH
B.C TECH BECKHOFF AUTOMATION	2D23 1C12	HEIAN CORPORATI HEICO BEFESTIGUN
BIG DAISHOWA SEIKI	2D08	*CIMSOURCE JAP
BLUM-NOVOTEST BONDHUS JAPAN	3A40 2B22	HEIDENHAIN HI-TAK
BP JAPAN	3D86	HIKARI SEIKO
BRINKMANN PUMPS JAPAN BROADLEAF	3D34 1B05	HIKARI SHOKAI HIRAOKA HYPER TO
BROTHER INDUSTRIES	1D24	*NEXT SCIENCE
BUNRI C&G SYSTEMS	3B43 1C18	HIWIN HME
CAMTUS	1C01	HORKOS
CAPTAIN INDUSTRIES CARL ZEISS	3D44 3A44	HORKOS (MIST CO HORN, PAUL HORN
CENTRAL JAPAN PARTS PROCESSING ASSOCIATION		HOWA MACHINER
*BELLBLUE	3D52	HOWA MACHINERY (PNEUMATIC AN
*JBM ENGINEERING *SAKAI SEISAKUSHO		ICAD
CERATIZIT JAPAN	2B07	ICHIGUCHI
CGTECH CHIN HUNG MACHINERY	1A29 3D66	igus Ikura seiki
CHUBU CLEAN	3D83	IMAO CORPORATIO
CHUKYO CHUO KOKI	2C13	IMPROBE INNOVALIA METRO
*MITUTOYO		INOUE IRON WORK
*NTN *PHOXTER	3D06	INPLUS INTEGRA RESEARCI
*UNIVERSAL ROBOTS		INTERNATIONAL D
CITIZEN MACHINERY CKB	1B13 3A28	ISCAR JAPAN ISHIDA PRECISION
CKD	3C39	IWAMA
COMINIX CONTECH FOR YOU	2C24 3B41	IWAMOTO KOGYC *KOMATSU KOKI
COOL TECH	3D84	IWASHITA INDUST
CRESTECH CYBER RC	2A11 2D07	IWATA MFG. IWATA SAW MFG.
DAI-ICHI SOKUHAN WORKS	3A27	IWATA TOOL
DAIDO DAIDO KOGYO	3D17 3D10	IZUMI CORPORATI
DAIICHISANGYO	2C02	JAPAN 3D PRINTER
DAINICHI KINZOKU KOGYO DAITOTSUSHO	1B31	JAPAN COATING C
DAIWA FIRMS	2A31 2A14	JAPAN SPEED SHO
DAIWA KASEI KOGYO	2B14	JEA SHENG INDUS
DATA DESIGN DETRON MACHINE	1B04 3D79	JPC JTEKT
DEUBLIN JAPAN	3D75	JTEKT GRINDING T
DIATEST JAPAN DIJET INDUSTRIAL	3A33 2A23	JTEKT MACHINE SY K-S-TECH
DKSH MARKET EXPANSION SERVICES JAPAN		KABUTO MFG.
DMG MORI DYC JAPAN	1C27 2A10	KAEN GONG YANG
DYNAMIC TOOLS	3C26	KAMO SEIKO
EASTERN TECHNICS EBA KOGYO	3D12 3C23	KAMOGAWA KANAGATA SHINB
ECHO TECH	2B18	KANEFUSA
EGURO EIKO ELECTRIC INDUSTRIAL	1A25 2B15	KANETEC KATO GRINDING IN
EIKOSHA	2D12	KATO MFG.
EISEN ELENIX	3A06 1C20	KAWAMOTO PUM
ELEPHANT CHAIN BLOCK	3B24	KAWASAKI TECHN
EMUGE FRANKEN	2B06 3A19	KAWATATEC KEYENCE
ENABLE ENOKIDA	1A21	KF CARBIDE JAPAN
ENSEI	1A22	KIRA CORPORATIO
ENSHU EUCHNER	1B29 3D73	KISOH KISTLER JAPAN
EURO TECHNO	3A17	KITAGAWA
EVER CHEMICAL EVER-ON	3B07 2B12	KITAMURA MACHII KITO
F.P.TOOLS	2C19	KOBAYASHI DIA
FANUC FAR EAST MACHINE TOOL	1A31 2A28	KODAMA CORPOR KOHARA GEAR IND
FARO JAPAN	3A30	KOIZUMI TOOL
FIRST GIKEN	1A15 3C25	KONDO SEISAKUSE KOSMEK
	2220	
FIRSTEC FLOW JAPAN	1C06	KOUKEN · COUSIN
FIRSTEC FLOW JAPAN FNS	1C06 1B18	KOWA EMTECH
FIRSTEC FLOW JAPAN	1C06	
FIRSTEC FLOW JAPAN FNS FUJI	1C06 1B18 1D35	KREUZ

	Booth No.		ooth
UJI TOOL	3A23	KYOCERA	2
UKUDA SEIKO	2A27 3B14	KYORITSU SEIKI LIFTER	2
UTAMURA MACHINES & TOOLS	3C13	LIFTER LNS JAPAN	1
G-NET	3013	MA TOOL	2
*ARUM		MACHINESOL	1
*GIGA SELECTION	3B20	MAEDA SHELL SERVICE	3
*HAN'S ROBOT INTRODUCTION		MAGNESCALE	3
GENETEC	1D01	MAHR JAPAN	3
GENIO SOLUTIONS	1A02	MAKINO MILLING MACHINE	1
GERMAN TECH PRECISION MANUFACTURING	3D78	MAKINO SEIKI	1
GF MACHINING SOLUTIONS	1C09	MAKITA GIKEN	
GLOBAL PARTS	3C43	*YAMANAKA SANGYO	3
GLOBE	3505	MANYO TOOLS	2
GODO SOLUTION	1A05	MARPOSS	3
GOLDEN EGRET CARBIDE JAPAN	2D24	MARUBENI INFORMATION SYSTEMS	
GRAVOTECH	3B37	MARUEI MACHINE WORKS	1
GREEN PLUS	3D30	MARUICHI CUTTING TOOLS	2
GREEN TOOL	2A13	MARUYOSHI MACHINERY	1
GROB JAPAN	1A32	MATRIX PRECISION	1
GUHRING JAPAN	2B09	MATSUDA	3
HAIMER JAPAN	2C30	MATSUMOTO MACHINE	3
HAINBUCH JAPAN	3C07	MATSUOKA CUTTER MFG.	2
HARTING	3D90	MATSUURA MACHINERY	1
HASEGAWA MACHINE WORKS	1A33	MECH-MIND ROBOTICS TECHNOLOGIES	
HEIAN CORPORATION	1D17	MECTRON	1
HEICO BEFESTIGUNGSTECHNIK		MEISTER	2
*CIMSOURCE JAPAN	1A03	METROL	3
HEIDENHAIN	3A39		
HI-TAK	3506	MICRON MACHINERY	1
HIKARI SEIKO	3D53	MICRON MACHINERY MIKI PULLEY	3
HIKARI SHOKAI	3B28	MINITOR	2
HIRAOKA HYPER TOOLS		MITAKA KOHKI	3
*NEXT SCIENCE	1A07	MITSUBISHI ELECTRIC	1
HIWIN	3C01	MITSUBISHI MATERIALS	2
HME	3B25	MITSUBOSHI KOGYO	3
HORKOS	1D31	MITSUL & CO. MACHINE TECH	1
HORKOS (MIST COLLECTOR)	3D43	MITSUI HIGH-TEC	1
HORN, PAUL HORN	2C23	MITSUI SEIKI KOGYO	1
HOWA MACHINERY	1A39	MITUTOYO	3
HOWA MACHINERY (PNEUMATIC AND OIL HYDRAULIC EQUIPMENT		MIYAKAWA INDUSTRY	3
AI	3C02	MODIA SYSTEMS	1
ICAD	1B19	MOLDINO TOOL ENGINEERING	2
ICHIGUCHI	2A30	MORI MACHINERY	3
IGUS	3B46	MORIGO SEIKI	3
IKURA SEIKI	1D09	MORITA	
IMAO CORPORATION	3C06	*HIROX	3
IMPROBE	3A13	*TOKYO BOEKI TECHNO-SYSTEM	
INNOVALIA METROLOGY	1B02	MST CORPORATION	2
INOUE IRON WORKS	3504	NILUM	3
INPLUS	2A07	MURAKAMIGIKEN SANGYO	3
INTEGRA RESEARCH	1A01	MURAKI	2
INTERNATIONAL DIAMOND	2C21	MURATA MACHINERY	
ISCAR JAPAN	2A16	*MURATEC C.C.S	
ISHIDA PRECISION	3A32	*MURATEC FRONTIER	1
IWAMA	1B07	*SILEX TECHNOLOGY	
IWAMOTO KOGYO	3B13	N • S • S	3
*Komatsu koki	3013	NABEYA	3
IWASHITA INDUSTRIAL	1D34	NACHI-FUJIKOSHI	2
IWATA MFG.	3D36	NAGASE INTEGREX	1
IWATA SAW MFG.	2D06	NAGASHIMA SEIKO	1
IWATA TOOL	2C08	NAGOYA DIAMOND INDUSTRIAL	2
IZUMI CORPORATION	3C32	NAITO	2
IZUSHI	2C22	*OJIYA SEIKI	
JAPAN 3D PRINTER	1B14	NAKA SEIKI	3
JAPAN COATING CENTER	2A25	NAKAHARA CHEMICAL INDUSTRY	3
JAPAN FLOW CONTROLS	3D58	NAKAMURA MFG.	3
JAPAN SPEED SHORE	1C10	NAKAMURA-TOME PRECISION INDUSTRY	
JEA SHENG INDUSTRY	3D63	NAKANISHI	3
JPC	3B04	NANYA MFG.	3
	1D36	NICHIALLOY	2
JTEKT GRINDING TOOLS	2C20	NIDEC MACHINE TOOL	1
JTEKT MACHINE SYSTEMS	1D37	NIDEC OKK	1
K-S-TECH	3D13	NIHON PISCO	3
KABUTO MFG.	3C38		3
KAEN GONG YANG MACHINERY	3D65	NIIGATA SEIKI	3
	3D72	NIKKAN KOGYO SHIMBUN	3
KAMO SEIKO	3D04	NIKKEN KOSAKUSHO WORKS	2
	2B01	NIKKI TRADING	3
KANAGATA SHINBUN	3D48	NIKON SOLUTIONS	3
KANEFUSA	2C11		3
	3C14	NIPPON BEARING	3
	2B30		3
	2C26	NIPPON RESIBON	2
	3B16		3
	1A04	NIPPON VISION ENGINEERING	3
KAWASAKI TECHNOLOGY	3A37		1
KAWATATEC	3C36	*PROFIROLL TECHNOLOGIES	
	3A03	NISSIN MANUFACTURING	1
KF CARBIDE JAPAN	2A32	NITTO KOHKI	3
KIRA CORPORATION	1A30	*FUJITA RASHI KOUGYOU	
KISOH	3D24	NK WORKS	1
KISTLER JAPAN	3D85	NOAH	2
KITAGAWA	3C05	NODAKI	3
	1D06	NOGA WATERS	2
KITO	3D41	NOMIYA INDUSTRY	3
KOBAYASHI DIA	2B31	NOMURA DS	1
KODAMA CORPORATION	1C02	NS TOOL	2
KOHARA GEAR INDUSTRY	3D39	NSK	3
	2A34	NT ENGINEERING	2
KOIZUMI TOOL	3B31	NT TOOL	2
KOIZUMI TOOL KONDO SEISAKUSHO	2044	NTK CUTTING TOOLS	2
KOIZUMI TOOL KONDO SEISAKUSHO KOSMEK	3C44	NUNOME ELECTRIC	3
Koizumi tool Kondo seisakusho Kosmek Kouken • Cousin	2A08		
Koizumi Tool Kondo Seisakusho Kosmek Kouken • Cousin Kowa Emtech	2A08 3D93	O-M	1
KOIZUMI TOOL KONDO SEISAKUSHO KOSMEK KOUKEN • COUSIN KOUWA EMTECH KREUZ	2A08 3D93 1D26	O-M OBISHI KEIKI SEISAKUSHO	1 3
Koizumi tool Kondo Seisakusho Kosmek Kouken • Cousin Kowa Emtech Kreuz Kuken	2A08 3D93 1D26 2B13	O-M OBISHI KEIKI SEISAKUSHO ODS	1 3 3
	2A08 3D93 1D26	O-M OBISHI KEIKI SEISAKUSHO	1 3

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ВО	oth No.	Company Name Bo OHNO SEIKO	oth No.
	2C28	OHNOSEIKI	3510
	3D22	OKAMOTO MACHINE TOOL WORKS	1D08
	1C13 2A05	OKASUGI OKAYA	2A06
		*FA SYSTEM & TECHNOLOGY	3D40
	3D27	OKAZAKI SEIKO	2D15
	3A12 3A31	OKUMA OPEN MIND TECHNOLOGIES JAPAN	1D33 1B01
	1A16	OPTON	3A18
	1C26	ORION MACHINERY	3B29
	3509	OSAKA SEIKAN OSG	3B35 2B28
	2D20	OTSUKA OPTICS	3A05
~	3A09	OZAKI MFG.	3A16
S	3A43 1B12	PAIONIA FURYOKUKI PASCAL	3D20 3C17
		PHYSICAL PHOTON	3501
	1D29	PIONEER TRADING	2C29
	1D22 3D23	PRECISION TOOL MAKERS EXPORT GROUP PRIORITY	3D09 1D19
		PROST	2C01
	2A20	RAMPF GROUP JAPAN	1A26
s	1A12 3D02	*HINODE RAPPOR	
	1A20	*KYODO SEIKI	3D70
		*YAMATO GIKEN	
N	3A04 3D49	RATTUNDE RECO SUPPORT	1B11 3D80
	1D30	REGO-FIX JAPAN	2D22
		REIHOU	2B02
	2B11 3A10	RENISHAW RESMOTOOL	3A02 2D04
	1D14	RHINOS	2D04 2C17
	2A36	RIKEN SEIKI	3C16
	3B38 1D12	RINSCONNECT *METZ CONNECT	3D76
		RITTAL	3D25
	1D38	ROEMHELD HALDER	3C40
	3B05 3D26	ROKU-ROKU SMART TECHNOLOGY RYOCOSEIKI	1B26 2B27
		RYOEI KOUKI	3D45
	2A24	S&F	1C14
	3B44	SAEILO JAPAN	1C04 1A28
	3C34	SAIDA • UMS SAITO SEISAKUSHO	2C14
	3A38	SAKAE	3B45
٨	2622	SAKURAI	1B16
	2C33 3D01	SAKUSAKU SAN-EI TRADING	2A02
	3D38	*HAMANA ENGINEERING	3B19
	2A22	*SAN-EI PROCAST	2000
		SAN-S INDUSTRY SANGEN	3D69 3B33
	1B08	SANKEI MANUFACTURING	3B30
		SANKI	3D16 3A15
	3D19 3C18	SANKO ELECTRONIC LABORATORY SANKYO SEIKI	2C03
	2D01	SANKYO SEISAKUSHO	3C33
	1C22	SANWA	2C12
	1B21 2B04	*SANDEN RETAIL SYSTEMS SANWA CHEMICAL	3D35
	2B08	SANWA ROBOTICS	3D29
	3B27	SANWA SHOKO	1C21
,		SANWAKOUYU SANYO MACHINE	3D71 1B32
		SANYO MFG.	3D47
Y	1C11	SATECH SAFETY TECHNOLOGY	3D77
	3B32 3A22	SCHUNK INTEC JAPAN SEIBU ELECTRIC & MACHINERY	2C32 1D27
		SEIJO KOGYO	1C16
	1A17	SEIKO INSTRUMENTS	1A23
	1A18 3D54	SENJO SEIKI SHIBAURA MACHINE	3D92 1A09
		SHIBUYA	1A10
	3A20	SHIGIYA MACHINERY WORKS	1B33
	3D50 2D18	SHIMADA MACHINE TOOL DRIVES SHIN NIPPON KOKI	1C23 1C25
		SHIN-YAIN INDUSTRIAL	3D61
	3B02	SHINANO	2A18
	3D05 3C15	SHINANO KENSHI SHINSEI	3D31 2B29
		SHION	3B06
	2B25	SHOWA DENKI	3C35
	3C12 3A21	SHOWA TOOL SINTOKOGIO	2D09 3C19
		SMC	3C03
		SODICK	1B36
		SOFIX SOKUHANSHA	1D04 3A08
	3D07	SOLID TOOL	2D13
	1C24	SONEDA KOUGYOU	2A21
	2D19 3A25	SOWA SPEEDY TARGET GROUP	3B22 1B22
	2B21	SPI ENGINEERING	3A36
	3B11	ST-LINK	1B30
	1B10 2B17	STAR MICRONICS SUGATSUNE KOGYO	1B27 3B21
	3C09	SUGINO MACHINE	1A37
	2D11	SUGIYAMA SAW MFG.	2A33
	2D10 2D02	SUMITOMO ELECTRIC INDUSTRIES SUMITOMO HEAVY INDUSTRIES FINETECH	2A17 1D32
	3D46	SUN MAINTENANCE KOKI	
	1D13	*YUASA TRADING	3D33
	3A07 3D89	SUN-YELL SUNFLARE	3C27 3B26
	3B10	SYNCVISION	1B23
		TACC	3B01
	3D74	TACTX	1B25

No.		oth No.
520	TAEGUTEC JAPAN TAINATEC	2A19 1D21
510 208	TAIWAN ASSOCIATION OF MACHINERY INDUSTRY	1D21 3D59
406	TAIYO KOKI	1D28
040	TAIYO-TOOL	2B05
015	TAIYU TAKAHASHI MACHINERY	3D81 1D16
33	TAKAHIRO ENGINEERING WORKS	3C28
01	TAKAMATSU MACHINERY	1B34
18 29	TAKEDA MACHINE TOOLS TAKEMI	1A35 3D51
35	TAKENAKA ELECTRONICS	3D68
28	TAKISAWA MACHINE TOOL	1A13
.05	TANABE PNEUMATIC MACHINERY	3C41
16	TANITEC TANOI MFG.	1D25 2C10
17	TEAC	3A26
01	TEBIKI	1C03
29 09	TECHNO SOLUTIONS TECHNO21 GROUP	1B17 3D32
19	TECHNOA	1B24
01	TECHNOCOAT	3B17
26	TECLOCK	3A35
	TEIKEN TEIKOKU CHUCK	2D14 3C11
70	TERAL	3B40
	THE KIICHI TOOLS	2A01
11	THE SHODA	1D10
80	THK	3C04
22 02	TMW *UEL	3C31
02	TOA PRECISION MACHINERY	3C24
04	TOCHO MARKING SYSTEMS	3D14
17	TODA SEIKI	2D25 2B24
16	TOKALOY TOKIWA	2B24 3D03
76	TOKO	2C31
25	TOKUPI MFG.	3D55
40	TOKYO SEIKI KOSAKUSHO	1C15
26 27	TOKYO SEIMITSU TOMINAGA WORKSHOP	3A41
45	*ZENSEI	3503
14	TOOL DE INTERNATIONAL	2B20
04	TORNEX	3D91
28 14	TOWA CORPORATION TOYO	3D82 3C08
45	TOYO ADVANCED TECHNOLOGIES	1C08
16	TOYO KENMAZAI KOGYO	1A27
02	TOYO SCREEN KOGYO	3D87
19	TOYO SEIKI KOGYO TRESA	1A11
19	*ITP	3B09
69	TRI ENGINEERING	2C09
33	TRIO ENGINEERING	3D21
30 16	TRUMPF TSUBOSAN FILE	1D11 2B23
15	TSUDAKOMA	3C21
03	TSUGAMI	1A38
33	TSUKAHARA ENGINEERING	3B34
12	TUNGALOY UCHIYAMA HAMONO	2B26 2A09
35	UEDA MACHINE TOOLS	1D05
29	UNIMAGTECH	3B23
21		2B16
32	UNIPULSE UNITECH SYSTEM	3B03
47	*LASER X	3B39
77	UNITED GRINDING GROUP MANAGEMENT	
32	*BLOHM JUNG	
27 16	*EWAG *IRPD	
23	*MAEGERLE	1A40
92	*SCHAUDT MIKROSA	
09	*STUDER	
10 33	*WALTER URYU SEISAKU	2B10
23	UTSUNOMIYA SEISAKUSHO	1A14
25	VECTOR	3D60
61 18	VERO SOFTWARE *DP TECHNOLOGY JAPAN	1A08
31	*HEXAGON METROLOGY	1700
29	VOLLMER JAPAN	1B28
06	WAIDA MFG.	1D23
35 09	WIDIN WINTOOL JAPAN	2B19 1A06
19	WINWELL EQUIPMENT & ACCESSORIES	3D67
03	XEBEC TECHNOLOGY	2D03
36	YAMADA MACHINE TOOL	3D18
04 08	YAMADA SEISAKUSYO YAMAKATSU SHOKAI	3508 2C15
13	YAMAMOTO SCIENTIFIC TOOL LABORATORY	3A24
21	YAMAWA MFG.	2C18
22	YAMAZAKI MAZAK	1A41
22 36	YAMAZEN	3D28
36 30	YANASE YASDA PRECISION TOOLS	2A29 1A34
27	YEONG CHEN ASIA PACIFIC	3D64
21	YG-1 JAPAN	2A04
37	YKT CORPORATION	1D18
33 17	YODOGAWA ELECTRIC TOOL MFG. YOSHIKAWA MAPLE	3B12 1B03
	YUAN JUN INDUSTRY	3D62
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	YUKIWA SEIKO	2D17
32 33 27	YUKIWA SEIKO ZOLLER JAPAN	2D17 2C25

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