

May 7, 2024
AMADA CO., LTD.

Notice of Special AGIC Event

Exploring next-generation manufacturing with customers



For one month starting Friday May 17th, the AMADA Group will be unveiling new machines and solutions and holding various seminars as part of a special event at the "AMADA Global Innovation Center (AGIC)" at the company Head Office in Isehara City.

Since its opening in February 2023, the AGIC has been visited by a large number of customers and other stakeholders from around the world, with a total of approximately 10,000 visitors from 5,000 companies. Under the concept of the AGIC being a "Place for co-creating the future of metalworking," visitors will be able to experience the latest machines and technology on themes relevant to the times and also seminars will be held to introduce the optimal solutions to customers.

At the "Innovation LABO" at the AGIC, which is laboratory space opened exclusively for customers, we receive many consultations on how to respond to diversifying materials and how to reform manufacturing methods by reconsidering matters such as the shapes and processes. Among these, the application of laser and welding technologies and the reforming of the manufacturing methods used for EV-related parts are attracting particular attention. In response, we are advancing the verification of the manufacturing performed by customers and taking on the challenge of the machining technology of the future.

In the "Welding Zone," we will showcase a wide variety of AMADA's laser and welding solutions and visitors will be able to experience the latest welding technologies. For our laser and welding business, the joint venture between AMADA and AMADA WELD TECH has enabled the integration of the technologies and know-how of the two companies, and has made processing proposals and process reforms possible in a single integrated

system. We achieve high-precision and high-quality processing to meet the needs of manufacturing, which are currently undergoing great changes.

From our MEC spring machine business, we will exhibit the "ES-1A" segment conductor coil processing machine for EV motors and "LM-26A" torsion machine with rotating wire for the first time. Additionally, with our extensive lineup of spring forming machines, we can propose all kinds of forming for wire materials from the more familiar general type of spring to coils for medical catheter guidewires and coils for semiconductor contact probes.

Furthermore, as a global manufacturer of metalworking machinery, we will address the issues for new metal processing and further advance proposals where the entire group is working together across different processes to provide our customers with total support.

The manufacturing industry is also experiencing a chronic shortage of labor, so another urgent task is to respond to the needs for skillless operation and automation. In addition to expanding our lineup of sheet metal processing machines, we will also unveil new machines that respond to the diverse needs, including with automated systems that utilize collaborative robots.

The AMADA Group will continue its efforts to be innovative by exploring next-generation manufacturing together with our customers.

■ AGIC Event Schedule

Schedule		Theme/Contents
May	17th (Fri) 18th (Sat)	"The next-generation manufacturing pioneered by AMADA welding" <ul style="list-style-type: none"> • Welding solution seminar for growth industries • Hands-on demonstrations of laser welding machines
	24th (Fri) 25th (Sat)	"The spread of automation continues! The latest bending robots" <ul style="list-style-type: none"> • Seminar to introduce our bending automation lineup • Hands-on demonstrations of new automated servo press brakes
June	7th (Fri)	"e-Mobility: Next-generation manufacturing" <ul style="list-style-type: none"> • Seminar on automation system solutions for flat copper wire processing on spring forming machines • Seminar on the AMADA Group's latest laser welding solutions

* Advance reservations are required for this event. Please contact your local AMADA Group sales office with any inquiries.

■ Special Lecture

Schedule		Theme/Contents
June	13th (Thurs)	"Carbon Neutrality: Iron and the Challenge for Nippon Steel Corporation" Lecturer: Yasushi Mizutani, Head of Plate Technology Div., Plate & Construction Products Unit, Nippon Steel Corporation

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■ Main Highlights

Lasers and welding	
High-end fiber laser welding system	FLW-6000ENSISe (New product)
Integrated 3D laser system (Blue laser and fiber laser)	ALCIS-1008e (Reference exhibit)
YVO4 SHG laser processing machine (Green laser)	ML-9011A
Spring forming machine	
48-axis control segment conductor coil processing machine for xEV	ES-1A (First unveiling, new product)
15-axis control torsion machine with rotating wire	LM-26A (First unveiling, reference exhibit)
Expansion of automation system lineup	
Handy fiber laser welder + Collaborative robot	FLW-1500MT + CR-700W (New product)
Electric servo press brake + Collaborative Robot	EGB-8025e + CR-010B (First unveiling, reference exhibit)
Space-saving pallet changer for fiber laser machines	CREST-3015 (First unveiling)
Take-out loader for large-plate fiber laser machines	TK-6225L (First unveiling)
High-performance, space-saving fiber laser machine (6kW, stand-alone specification)	ENSIS-3015AJe (First unveiling)

For reference

Please visit the special site for the AMADA Global Innovation Center from the link below.

<https://www.amada.co.jp/en/agic/>

End

* The information given is subject to change without notice.