

May 9, 2025
AMADA CO., LTD.

Notice of Special Event at AGIC

An introduction to the latest processing technologies to solve customer issues



For one and a half months starting Thursday May 15th, the AMADA Group will be demonstrating new machines and solutions, as well as holding various seminars, as part of a special event at the "AMADA Global Innovation Center (AGIC)" at the company's Head Office in Isehara City.

The manufacturing industry is facing a chronic shortage of labor and there is an urgent need to introduce automation and support skill-less operation. Visitors to the event will have the opportunity to get hands-on experience of the latest machines and technologies to address these issues. The "Latest Processing Technology Seminars 2025" will be held also to introduce the optimal solutions for customers.

As a proposal for the automation of all processes and the visualization of an entire factory, we will introduce a solution that combines manufacturing DX with the use of AMR to automate transfers between machines and processes. We will also exhibit the REGIUS-3015AJe fiber laser cutting machine that was unveiled at JIMTOF last year. This machine is equipped with a 26kW high-output fiber laser oscillator made by AMADA. A shelf system and a takeout loader will be connected to automate everything from the supplying of materials to product sorting. Furthermore, the sorted products will be automatically taken by the AMTES-500 autonomous transport robot via a buffer station to the EGB-1303ARse bending automation system. In addition to these technologies, the "LIVLOTS" manufacturing DX solution enables the linking of data between machines, and we will propose the visualization of an entire factory and highly-efficient automated operations. As a proposal for the stable and high-quality cutting of thick plates, we will be unveiling the

VENTIS-3015AJe for the first time in Japan. This machine is equipped with a 9kW high-brightness, high-quality, high-output fiber laser oscillator. It improves the performance of thick plate laser machining due to the higher output realized with AMADA's Locus Beam Control (LBC) technology. Additionally, the connection of a shelf system enables long periods of continuous operation.

As proposals for labor-saving and skill-less operations in welding, there will be an exhibit that gathers together the different stages of laser welding automation systems, from collaborative robots to industrial robots. We respond to the greatly changing needs of manufacturing with the latest welding technology to realize high-precision and high-quality processing.

As a proposal for the automation of structural steel processing, AMADA MACHINERY will unveil the WS-700VP combined line which integrates the punching and cutting processes for up to 700 mm-sized H-shaped steel, channels, angles, and other materials. This system realizes a smaller space requirement and also the system supports continuous machining, including angle cutting. There will also be a new product launch event held to introduce the latest technology.

As proposals to solve environmental issues, we will also propose our initiatives to support the business management of customers for the themes of factory decarbonization, organic solvent elimination, and dust elimination.

The AMADA Group will continue its initiatives to create innovation by working together with customers to explore the next generation of manufacturing.

■ Main Highlights

Fiber laser cutting machines	
3-axis linear drive and fiber laser cutting machine	REGIUS-3015AJe 【26kW】
Fiber laser cutting machine with LBC technology	VENTIS-3015AJe 【9kW】 (First unveiling in Japan)
Automation and manufacturing DX	
Autonomous transport robot	AMTES-500
Manufacturing DX solution	LIVLOTS
Laser welding solutions	
High-end fiber laser welding system	FLW-6000ENSISe
Standard fiber laser welding system	FLW-3000Le
Handy fiber laser welder + Collaborative robot	FLW-1500MT+CR-700W
Handy fiber laser welder	FLW-1500MTS (New product)
Structural steel machine	
Structural steel drilling and band saw combined production machine	WS-700VP (New product)

■ New Product Launch Event

Schedule		Time	Theme and content
May	22th(Thurs) 23th(Fri)	12:50 - 14:30	New product launch event for the WS-700VP structural steel drilling and band saw combined production machine

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

■ AGIC Processing Technology Seminar Schedule

Schedule		テーマ・内容
May	15th(Thurs) 17th(Sat) 23th(Fri) 29th(Thurs)	Laser cutting "Eliminate failure by suppressing the thermal effects that affect the quality of laser cutting!" Punch and laser combination "Making bending and welding easier! Innovative blanking"
		Bending automation "The flexible operation of bending processes enabled by DX"
June	6th(Fri) 12th(Thurs) 14th(Sat) 20th(Fri) 26th(Thurs)	Sheet metal laser welding "Reforming sheet metal manufacturing from the welding process" Fine laser welding "The era of carbon neutrality has arrived! Reducing CO ₂ with the latest
May	16th(Fri) 22th(Thurs) 24th(Sat) 30th(Fri)	Metal cutting and structural steel processing "New technology to reduce burrs and integrate processes in metal cutting and structural steel processing" Stamping press "Servo press motion effects"
June	5th(Thurs) 7th(Sat) 13th(Fri) 19th(Thurs) 21th(Sat) 27th(Fri)	Spring forming "Ultra-fine wire coiling for 0.0016 mm diameter wire" Software production and process control "Revealing an estimation technique for a dramatic change in profits with LIVLOTS!"

* Held twice each day at 13:00-13:30 and 14:00-14:30

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

End

* The information in this release is subject to change without notice.