**AMADA is launching its brand-new ORSUS-3015AJe**

**The ORSUS-3015AJe is AMADA’s solution for companies looking to create a solid foundation for their first step into the world of high speed, precision laser cutting. It creates a perfect starting point for any manufacturer, with available power levels from 3 to 8kW alongside a whole range of advanced technology and features, allowing it to fit into many production environments.**

The ORSUS-3015AJe comes fully equipped with a large number of features designed to improve cutting quality, reliability and ease-of-use; AMADA’s Automatic Mode Converter, the Laser Integration System (LIS), the latest generation AMNC 4ie Controller, V-factory and IoT compatibility, Mobile HMI and many more.

The Automatic Mode Converter seamlessly switches the laser beam from a highly focused beam, used for piercing and cutting thin material, to a wide and stable beam for thick plate processing. This changeover is instantaneous and controlled by the laser automatically so can be done between piercing and cutting to take full advantage of both beam types on every material. It also means that a single focusing lens gives the user the ability to cut the full range of materials.

The ORSUS-3015AJe has a suite of AMADA’s Laser Integration System (LIS) features including an automatic head collision detection system and the i-Optics Sensor for detecting protection glass contamination. i-Process Monitoring is also included to detect failures in cutting and piercing and attempt to remedy them without stopping production.

Flexibility is key, so the ORSUS-3015AJe is designed to be compatible with the majority of AMADA’s existing automation solutions, both from the factory and retrofittable. This means it can be configured to perfectly fit production needs from a large variety of different industries and can even adapt to changing production environments over time.

AMADA’s latest generation of machine controller, the AMNC 4ie, is a state-of-the-art numerical control designed to be user-friendly and fast to operate. The new maintenance ‘guidance mode’ supports less experienced operators with day to day operation and maintenance and an updated machine history utility shows historical data for running efficiency and power consumption. Another feature is the i-Camera Assisted System (i-CAS). The internally mounted camera will take a snapshot of any material on the cutting bed, then either automatically nest parts in the available space, or allow an operator to intervene and drag, drop and rotate parts to fill in any available space using the touch screen. AMNC 4ie is also compatible with AMADA’s Mobile HMI feature so you can monitor the machine remotely using its internal cameras and alarm monitoring systems. It can even be used to set up programs and schedules without needing physical access to the machine. An operator then simply needs to load material and press start.

Remote support is also available thanks to the ORSUS-3015AJe being fully compatible with AMADA’s V-factory and IoT systems. V-factory allows the collection and manipulation of production history data, while the IoT support functions allow the laser to be accessed remotely to help diagnose and fix problems, minimising downtime.

Backed up with AMADA’s class leading service support, software solutions and spare part availability, the ORSUS-3015AJe is the ideal solution to help customers build a foundation for success.

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***About AMADA***

*The AMADA Group is headquartered in Japan and consists of 90 subsidiaries and affiliated companies. Our main businesses are the manufacture, sale, lease, repair, maintenance, and inspection of metalworking machines and equipment.*

*The AMADA Group provides a full range of solutions, not only five major businesses which are Sheet metal machinery, Cutting machinery, Grinding machinery, Stamping presses, and Micro welding, as well as software, peripheral equipment, tooling, maintenance and service. As a comprehensive global manufacturer of metalworking machinery, AMADA contributes to the development of manufacturing considering what is most important from the customer’s point of view.*

*The AMADA Group was founded in 1946 in Japan by Isamu Amada.*

**About AMADA Europe**

*The AMADA Group is one of the world’s leading manufacturers of sheet metal working machines. Founded in 1946 in Japan, AMADA has been present in Europe for more than 40 years. AMADA Europe facilitates the corporate strategy and coordination of the European corporate units. AMADA Europe also ensures that the main brand core values are highly respected at all times: close partnership with customers, innovation, human- and environmental-concerns. With 4 production plants, over more than 30 countries, AMADA’s long-lasting commitment into the leading-edge industrial technologies within Europe is guaranteed.*