

***PRESS RELEASE: 200TH AMADA VENTIS-AJ 4kW FIBRE LASER SOLD IN EUROPE
AND RELEASE OF THE 6kW VERSION***

2023 was another groundbreaking year for AMADA. The 200th VENTIS-AJ 4kW fibre laser, which uses AMADA's unique Locus Beam Control technology to provide performance similar to a standard 6kW solid-state laser, was sold in Europe. The company also released the 6kW version after a successful launch event at their manufacturing facility in France. This higher power variant can provide similar performance to 8-10kW standard lasers.

Since its launch in late 2019, AMADA's VENTIS-AJ 4kW fibre laser achieved its 100th order in November 2021. The landmark 200th order was received less than 15 months after this, highlighting the fact that European customers are embracing the benefits of LBC technology at an increasing rate. Achieving productivity similar to higher power machines, while using less power, has been a focus for customers over recent years, reducing the overall cost-per-part and making them more competitive.

RDS (<https://www.rds-tolerie-laser.fr/>), based in Vernouillet near Dreux, France ordered the 200th VENTIS-AJ 4kW fibre laser in Europe and supplies various industrial sectors including construction, automotive, pharmaceutical, food and aerospace. They currently have AMADA bending and shearing machines. The VENTIS-AJ 4kW is their first AMADA laser, replacing a competitors machine to increase overall efficiency.

Over 30 contracts have already been received for the 6kW VENTIS-AJe, which was launched in October 2023 at AMADA's Charleville-Mézières manufacturing plant in France in October 2023. Over 200 existing and potential AMADA customers from all over Europe witnessed the launch of this higher power version.

The new version debuted two new technologies for laser processing: Firstly, LBC Flash Cut allows cutting of small holes independent of the machine drive system. The LBC unit creates the circular motion, which drastically increases the number of holes that can be processed per second. Secondly, the Soft Joint technology is a completely new method to hold parts in a metal sheet, using the material stress to clamp the parts in place. This significantly reduces part tip-up possibilities and provides much more reliable processing of smaller parts.

The 6kW VENTIS-AJe is also equipped with the new AMNC 4ie control. Designed specifically to make machine operation more intuitive and rely less on highly skilled operators, the new control has several new functions. Facial recognition, can automatically change the language used to one of 15 stored on the control, whilst

reducing work processes and improving work efficiency. Automatic remnant nesting also improves material utilization, while the Mobile HMI feature allows multiple machine data to be analyzed remotely. Maintenance tutorial videos can also be viewed on the control, or transferred to a mobile device to allow operators to complete tasks that require them to move around the machine.

The launch machine was fitted with the full suite of AMADA's LIS (Laser Integration System) features to give more autonomous production. Functions such as automatic beam to nozzle centring, protection glass monitoring and automatic head collision recovery allow the machine to run longer with less operator intervention. With the ability to process thick mild steel of different grades without any cutting data amendments, produce stainless steel parts without dross and cut aluminium at the same speed as 10kW standard fibre laser machines, the VENTIS-AJe 6kW opens new opportunities while consuming less power.

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About AMADA

The AMADA Group is one of the world's leading manufacturers of sheet metal working machines. AMADA offers a comprehensive range of cutting, bending, punching and laser technologies. The portfolio is complemented by modular automation components, software applications and a wide range of tools. In addition, AMADA offers its customers a wide variety of additional services. 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-

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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.