

## **Amada – Enhancing productivity**

*Amada Oceania has provided Australian industry with a steady stream of innovative, productivity-enhancing sheet-metal machinery since 1998. Its product range includes sheet-metalworking machinery, tooling, software and a wide spectrum of high-level automation. At Austech 2019, Amada will showcase the new Ensis 6kW fibre laser and EG4010 dual servo press brake. Also on display will be the HG1003 press brake with automatic tool changer.*

The Ensis-AJ 6kW uses Variable Beam Control technology and introduces Amada's Auto Collimation system, to provide unrivalled beam spot control; this allows very high-speed piercing, fast cutting rates and vastly improved bevel angles on thicker materials. Utilising a single lens for the entire range of materials and thicknesses reduces machine setup and avoids potential mistakes, providing higher productivity and therefore higher profitability. A high capacity automatic nozzle changer and the simple, intuitive AMNC 3i numerical control are further features ensuring machine setup is reduced to a minimum.

The compact EG is the world's first electric dual servo drive press brake and advances Amada's new range of ergonomic press brakes. The EG-4010 focuses upon accuracy, efficiency and ergonomics. The patented dual servo press (DSP) drive system revolutionises electric press brake technology, offering very high accuracy and speed alongside reduced running costs, with savings from both power and maintenance costs. Fitted with an AMNC 3i controller, the EG can be easily programmed from the office to maximise part output. Coupled with barcode program loading, 3D visualisation and tool setup aids, ease of use is ensured.

For OEMs and sub-contractors alike, increasing productivity and throughput is the main target for improving profitability. Smaller batch sizes are causing more time lost due to an ever-increasing number of machine set-ups. Amada's HG1003 ATC offers a solution, allowing fast, efficient set-up when dealing with smaller batch sizes.

**Amada Oceania Pty Ltd**

**[www.amada.com.au](http://www.amada.com.au)**

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