

OPTIMA 3D LTD

PRESS RELEASE

“Optima Series 500 3D weaving machines launch at ITMA 2019.”

Visit us at stand A141 in hall 5.

Optima 3D, the UK based 3D weaving machine manufacturer, today announced the launch of its Optima Series 500 3D weaving machines. Optima 3D has designed and developed this range of “next generation” weaving machines, for the rapidly developing 3D composite engineering market.

The Series 500 range offers many advanced features over conventional offerings particularly in versatility, operation and control. This has been achieved by the comprehensive use of digital control systems allowing rapid parameter and sequence changes coupled with an innovative shuttle system*.

Prototype machine trials including field testing have now been completed, and the first production machine, an Optima 500/150/1, is in the final stages of commissioning prior to its public debut at ITMA 2019, Barcelona.

Optima 3D machines feature innovative technology, and offer exceptional versatility, capable of producing high quality woven net shapes, billets & para beams for composite applications. Interest has been received from a number of engineering sectors including aerospace, military, bio-medical and automotive.

Powered & controlled by cutting edge digital technology, each machine allows automatic control plus touch screen management of all machine settings also enabling pattern and machine data to be stored and printed, vital for industry accreditation regarding quality assurance and safety regulations.

The Optima approach allows users a greater flexibility in their component design than ever before, making the Series 500 suitable for both production and R&D purposes. The compact Optima design allows a complete 3D weaving system to be easily installed; equally, it’s extremely competitive price now makes a complete R&D 3D weaving system significantly more attainable.

Commenting on the launch, Optima 3D’s Chairman, Peter Bryant said:

“Our vision for designing and creating the new Series 500 was to look with a fresh pair of eyes at 3D weaving machine technology; to produce a machine that delivers real benefits to our customers, a machine that is simply better by design. This has resulted in the Series 500, 3D weaving machine which can cost effectively deliver both high quality and consistency. We are passionate about using cutting edge technology to enhance our machine and produce the best results for customers.”

Attached photographs.

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*Patent Pending

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