

PRESS RELEASE

FOR IMMEDIATE RELEASE

LBP Optics launches state-of-the-art laser assisted machining capability

Stevenage, Hertfordshire – August 2020



Specialist optics manufacturer LBP Optics Ltd is delighted to announce that it will soon take delivery of a new, state-of-the-art diamond turning machine with a laser assisted machining tool. The Micro-LAM Optimus T+2 is one of only a handful of machines of its type worldwide, and consolidates LBP Optics as one of the best diamond machining companies in the world, offering unique and unrivalled ultra-precision machining capabilities.

The purchase of the new machining system significantly increases LBP Optics capacity for manufacturing diamond turned optics. The additional benefit of the laser assisted machining tool is that it allows the machining of a much wider range of materials than previously possible, such as fused silica and other glasses. With a newly appointed, highly skilled and experienced diamond machining engineer about to start, LBP Optics now has additional technical expertise in machining crystals and exotic materials including Stainless Steel, ZnSe, ZnS, Ge, CaF₂, BaF₂, Si and other glasses.

As MD Paul Maclennan explains, “We’re really excited about this new machining system. At LBP Optics we have a strategy of progressive growth and this can only be fulfilled with the world’s best equipment, diamond turning engineers and technicians. This purchase will enable us to respond better to customer requirements, increase our production capacity, improve our technical capabilities and keep us at the forefront of our industry.”



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The new laser-assisted technology will also give LBP Optics the ability to cut much larger pieces of Silicon and to manufacture symmetrical aspheres and non-symmetrical optics from glass materials. There are already several projects lined up to start once the machine is installed, including ZnSe hybrid lenses for sister company ULO Optics.

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