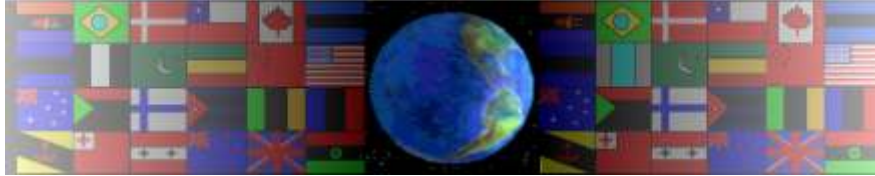


# LASER CUTTERS

V.Ryan © 2000 - 2009

On behalf of The World Association of Technology Teachers

## W.A.T.T.



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# LASER CUTTERS

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1. Describe the type of products that can be manufactured / machined by a laser cutter.

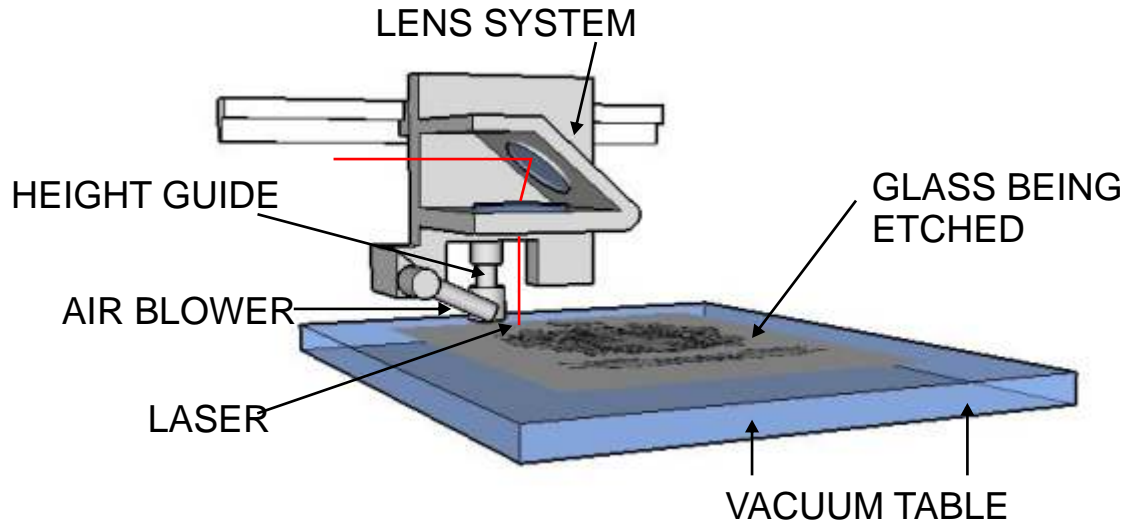
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2. A diagram of the lens system of a typical laser cutter is shown below. Explain how the laser is accurately directed at the material and how it removes / shapes material. Reference to the diagram, may help you answer this question.

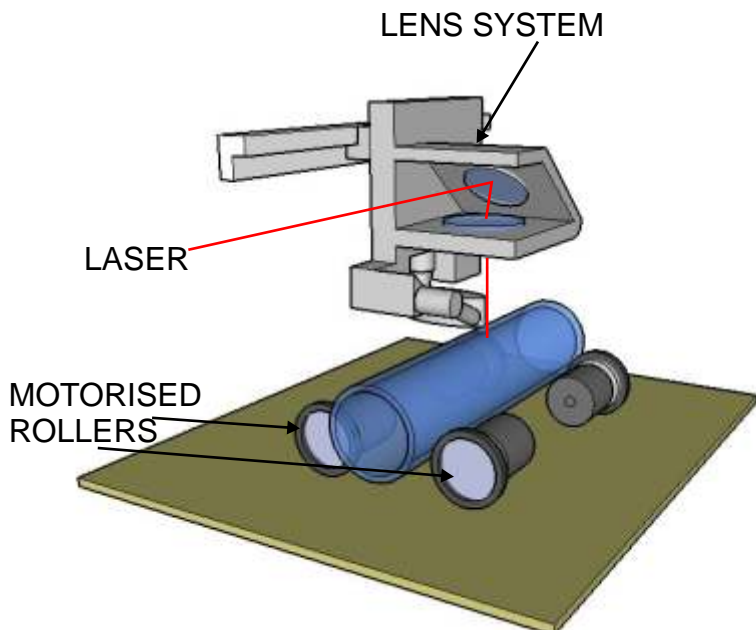


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3. A circular or curved product can be 'etched' using a laser cutter and the extra equipment shown opposite. Describe this technique.

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4. List one advantage of a **laser cutter** over a CNC router.

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5. List two advantages of a **router** over a laser cutter.

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