




Precision Laser Cutting

PRODUCT CATALOGUE

Plot 69368, Unit 5, 

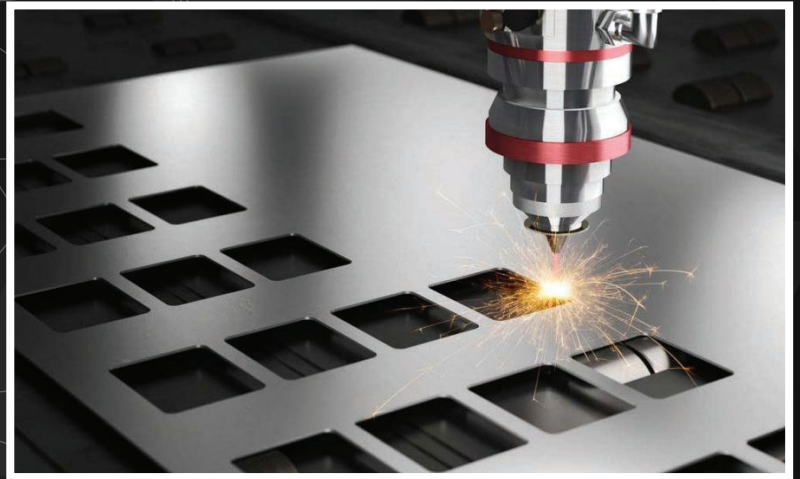
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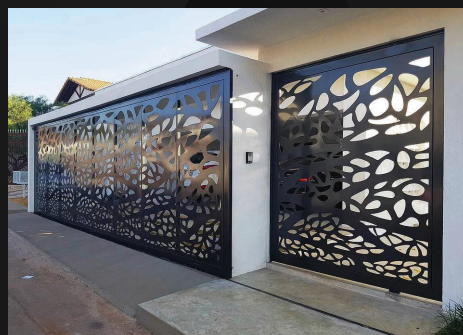


Laser cutting is a technology that uses a laser to slice materials. It is used for industrial manufacturing applications. Laser cutting works by directing the output of a high-power laser most commonly through optics.

The laser optics and CNC (Computer Numerical Control) are used to direct the material or the laser beam generated. A commercial laser for cutting materials uses a motion control system to follow a CNC or G-code of the pattern to be cut onto the material.

The focused laser beam is directed at the material, which then either melts, burns, vaporises away, or is blown away by a jet of gas, leaving an edge with a high-quality surface finish with accurate cutting of different materials such as wood, cork, acrylic and foam to different types of metals such as Bronze, Brass, Copper, Aluminium etc.

(See the full list of materials for use on the next page).





MATERIAL OPTIONS

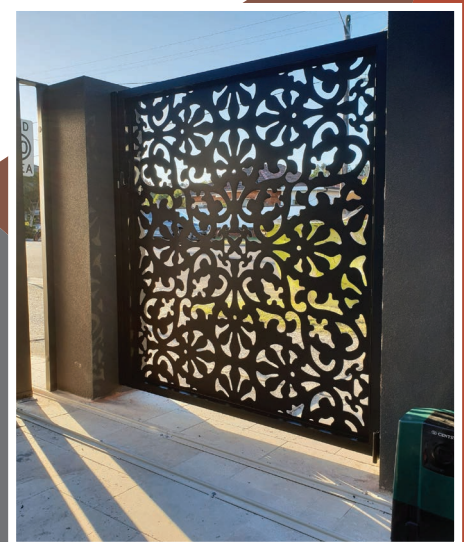
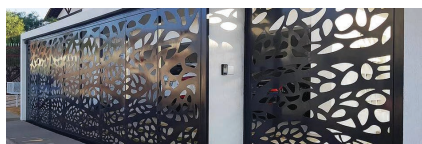
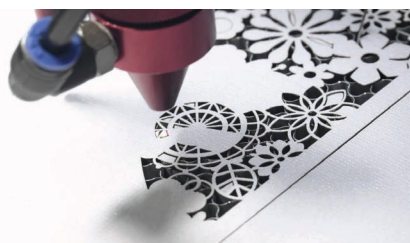
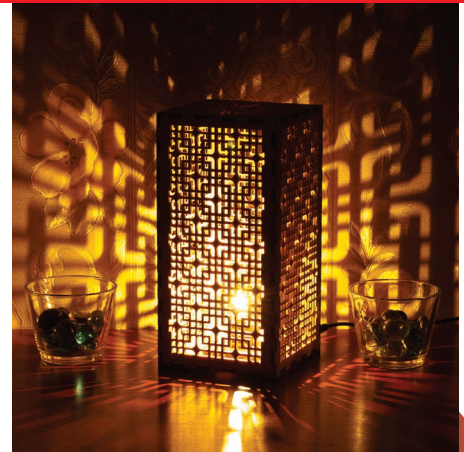
Material	Cutting	Engraving	Marking
Metal			
Precious metal			
Aluminum			
Stainless steel			
Brass			
Copper			



PRODUCT APPLICATIONS

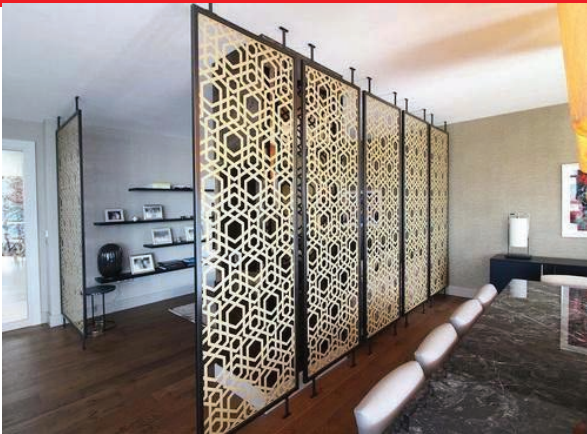


Cutting metal films up to 0.5mm thickness is potentially possible with a fiber or flexx laser system depending on the individual material.

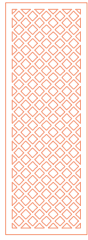




We highly recommend individual tests are performed by our application engineers to confirm the suitability and the likelihood of success.



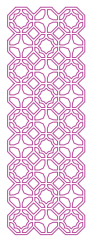
DESIGN OPTIONS



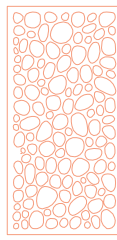
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C285



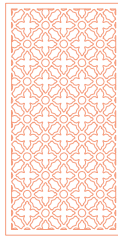
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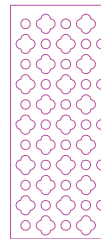
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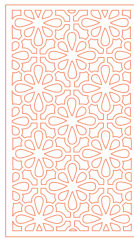
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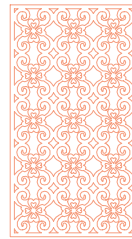
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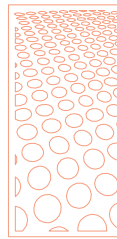
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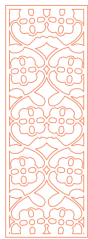
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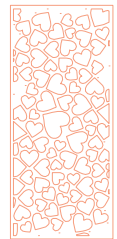
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C300



C244



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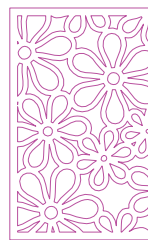
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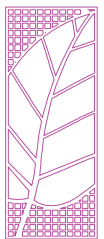
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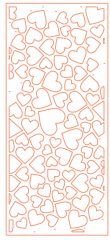


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DESIGN OPTIONS



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DESIGN OPTIONS



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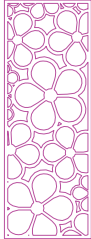
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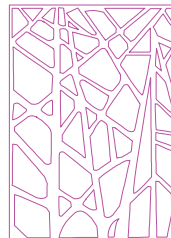
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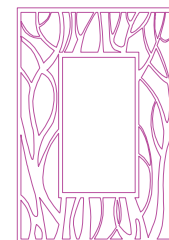
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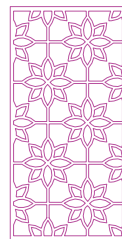
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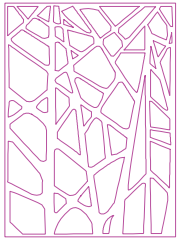


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DESIGN OPTIONS



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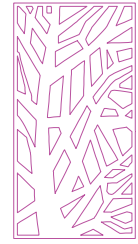
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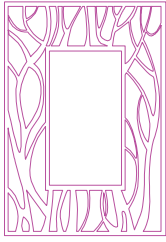
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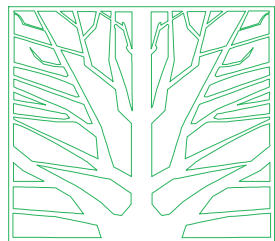
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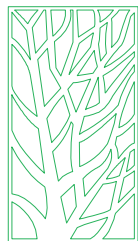
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