

## About us



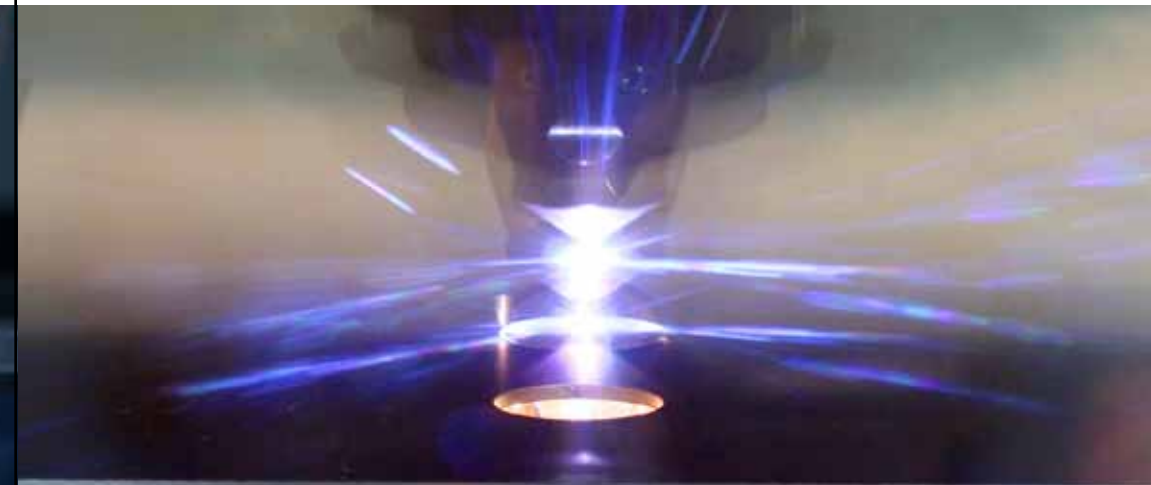
Al-Lux d.o.o. Mostar is a part of the ALM company that was established in Canada in 1998. Our firm has approximately a dozen employees whose expertise range from engineers to highly skilled craftsmen that can take upon the most complex manufacturing requests and demands. Most of our products are exported to the international market. We own a Trumpf laser cutting machine and a Trumpf hydraulic break press that can be used to fulfill cutting and forming needs of anyone that might need this type of service. Our unique combination of CNC laser cutting and profiled sheet metal bending along with complete welding, fabrication and assembly services makes it possible to provide the most cost effective manufacturing solutions possible. From complete design & engineering services through the manufacturing of individual components, sub and full assemblies to finished products, Al-Lux provides a comprehensive, complete and affordable solution.

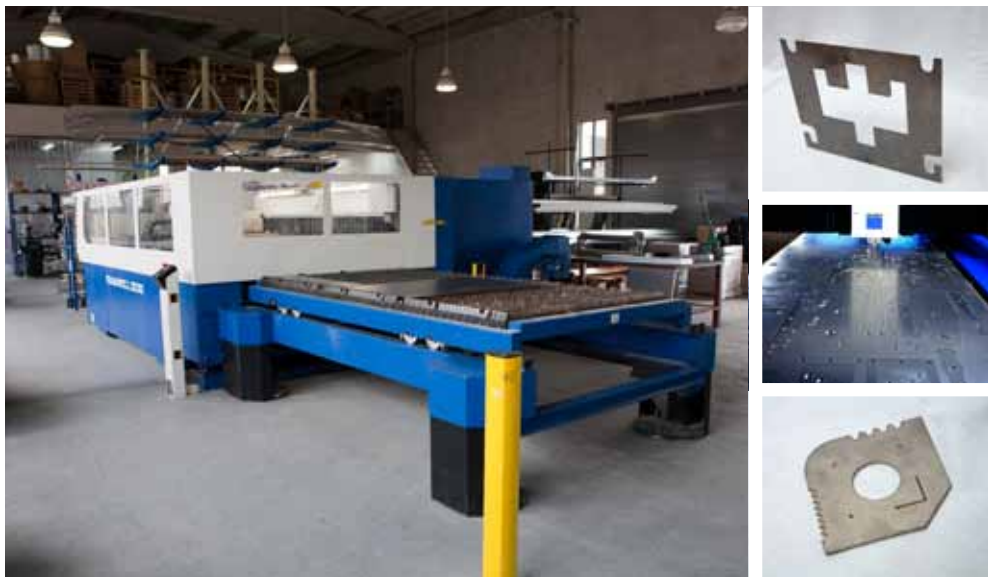


Profiled sheet  
metal bending



Laser cutting  
of metal sheets





## Laser cutting of metal sheets



**Trumpf TLF 2400 Turbo, Trumatic L3030 laser** for sheet metal fabrication and materials processing has the ability to process the widest range of material types and thicknesses, distortion free. A laser beam enables cutting of nearly any shape and entirely replaces the need for other cutting tools, regardless of the part's complexity. The edges are smooth and the finished parts are ready for assembly without requiring finishing. Laser cut is of a high precision, clean and without any burned area. **Main features:** Working range: 3000mm (X axis), 1500mm (Y axis), 115mm (Z axis) • Max. sheet thickness: 15mm (steel), 5mm (aluminum), 6mm (stainless steel) • Workpiece maximum weight: 750kg • Max. parallel axis speed: 60m/min • CNC control: Siemens Sinumerik 840D • Smallest programmable measurement path: 0,001mm.

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## Profiled sheet metal bending



**Trumpf Truma Bend V 130** hydraulic press has the capability to fabricate parts in any format, from the simplest to the most complex, precisely and cost-effectively, while allowing you the choice from different tool clamping systems to suit your particular application. The machine frame is highly resistant to buckling and the bending force is applied simultaneously at numerous points along the length of the workpiece creating the best possible conditions for achieving a precise result over the whole length of the bend. **Main features:** Max. sheet thickness: 6mm (steel) • Max. flange length: 3000 mm • Max. flange size: 750mm • Capacity: 130 tons • Working speed 10mm/s • Approaching speed 100mm/s • Reverse speed 90mm/s. • Programmable NC control along Y and X axes • Wide range of available prisms and blades (tool clamping systems)

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