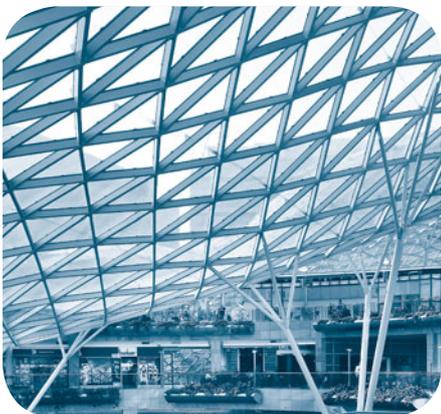


3D Tube Laser Cutting

for steel hollow sections
up to 12 m length



Hollow sections including prefabrication from one source
Design support through our laser-specialists
Local technical consulting
3D Tube Laser cuts up to 610 mm of circumscribed circle diameters
and 12 m lengths



Steel frame construction, e.g. Zloty Tarasy

Economical production

- Shorter time of production through few working steps
- Improved welding quality through optimized welding chamfers
- Accuracy, first time fit, reduction in welding and inspection times
- Reduced material procurement, stock and logistical costs

Improving market opportunities

- New products can be created which would not have been possible before
- Economic production of complex contours and constructions
- Less labour intensive – free up your staff to do more productive work
- Reduce labour & production costs to help you compete
- Adherence to Standards EN ISO 9001, EN 9010-2 and EN ISO 9013



Our **laser-specialists** support you with all your technical questions and are at your disposal with their know-how for laser compatible system solutions. This way you can optimize your production costs.

Competent employees in the sales force determine with you together, locally, the potential of the 3D Tubelaser-technology.

At **ALUKÖNIGSTAHL** you can receive prefabricated square and rectangular hollow sections as well as closed and open profiles from one source.

Up to 12m long parts with a circumscribed circle within 610mm, 22mm wall thickness and a maximum weight of 290kg/m are processed through the most modern **3D Tube Laser**.

The **technical opportunities and benefits** of 3D Tube Lasers, as well as the professional competence of our employees offer you many benefits – streamline your projects and reduce your handling, stock and production costs by about an average of 50%.

- fitting contours
- slots and holes
- complex contours and penetrations
- ideal welding chamfers
- assembling and positioning aid



Maximum Machining options

Circumscribed circle	till 610 mm
corresponds to:	
Hollow section and oval pipes	till 500 x 300 mm and 400 x 400 mm
Open profiles	till 500 x 300 mm
Beams	till 550 mm
Wall thickness (steel)	till 22 mm
Finished part lengths	till 12.000 mm
Weight	till 290 kg/m
File formats	STEP, IGES, IFC for 3D import DWG, DXF, PDF (SAT, SLDPRJT)



Direct from your CAD/CAM-System to our 3D Tube Laser. The import of the 3D-models in the most common forms (Inventor®, ProEngineer®, SAT/ACIS®, SolidEdge®, Solidworks®, Parasolid®, Unigraphics®) in the majority of cases is possible.

Our systems correspond, among other things, with Auto-CAD, Tekla and ProEngineer.

The manufacture will be made according to the norms of EN ISO 9001, EN 9010-2 and EN ISO 9013.