



## [ Our In-House Capabilities

[ Fiber Laser Technology

[ Plasma Technology

[ Robot Welding Technology

[ 3D Bending Sheet Metal Technology

[ Powder Coating of Metals Technology

[ CNC Milling Technology



## [ Experience and Innovations

Marti is a company that develops new ideas in the field of metals and fabricated metal products and services, promotional items, and individual products. With advancement in technology we constantly strive for progress in production process in order to provide greater opportunities in the implementation of products modified to the wishes and needs of clients and users. We are committed to continuously improving our services and products, using creative ideas and effective solutions, strictly complying with the current standards and trends. To our customers we strive to provide the best. We find here excellent conditions and structure to transform the requirements of our customers into an excellent product.

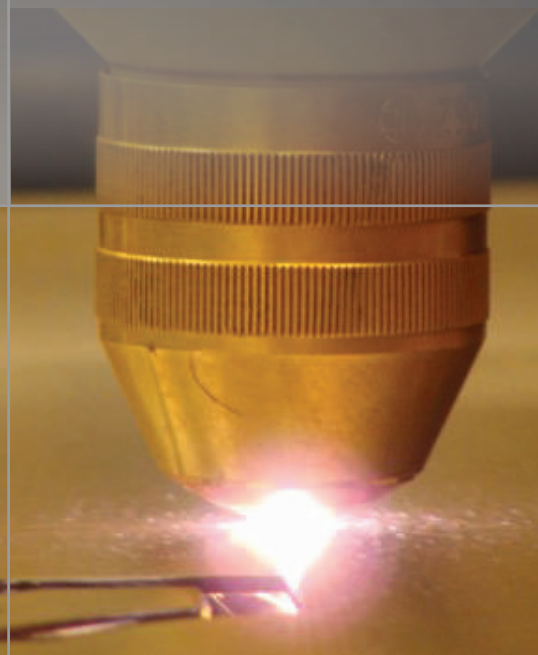
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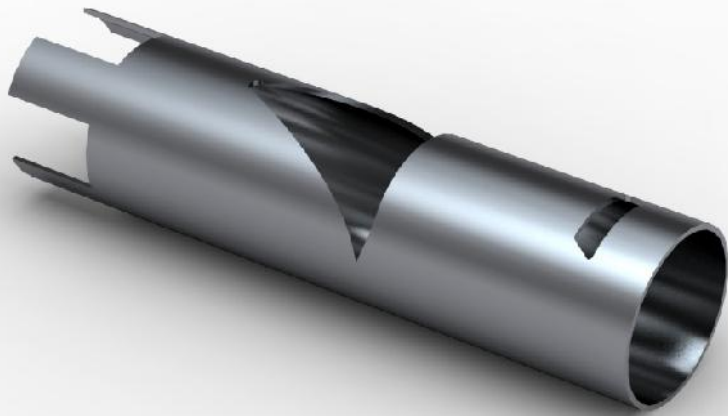
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# FIBER LASER

The newest, 2D metal sheet laser cutting and 3D tube laser cutting system from PRIMA INDUSTRIE. With a design that features linear motors, the latest PRIMA CNC and the innovative Perfect Cut System, laser is capable of sustained, very high productivity with outstanding cut and part quality. Design provides for high dynamic motion with top cutting quality. The linear motors and the rigid structure feature a maximum combined speed drastically reducing production times and costs.



The Perfect Cut System is an intelligent system that allows real time detection of cutting quality and automatic correction of system parameters in case the quality differs from the desired standards. This highly innovative feature provides:

zero-detect,  
zero-waste  
production,  
essential  
for intensive,  
unmanned  
production

There is no risk of production defects or waste: in two words, the “perfect production.

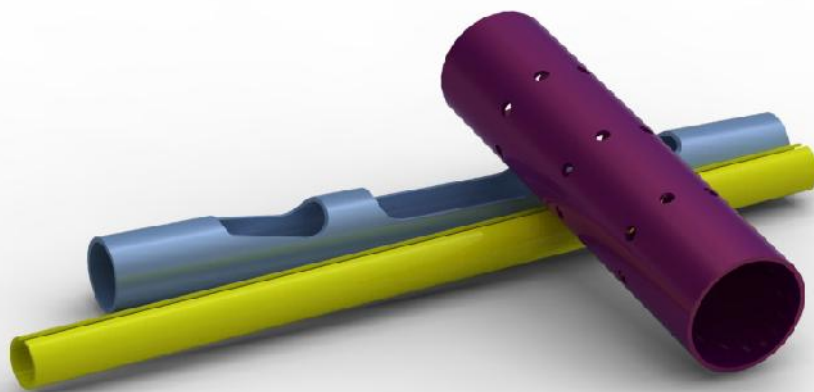


Laser is equipped with IPG resonator allowing cutting up to 16 mm material thickness with quality and efficiency.

Flexibility is definitely the distinctive feature of Fiber laser, a machine designed and developed for the needs of sheet metal processing industry.

laser cuts a broad range of materials and thicknesses with speed and precision without the need for manual adjustment. Change over to tube processing can be achieved with zero set-up time.





# [ POWDER COATING OF METALS

## POWDER COATING SERVICES OF METAL PRODUCTS

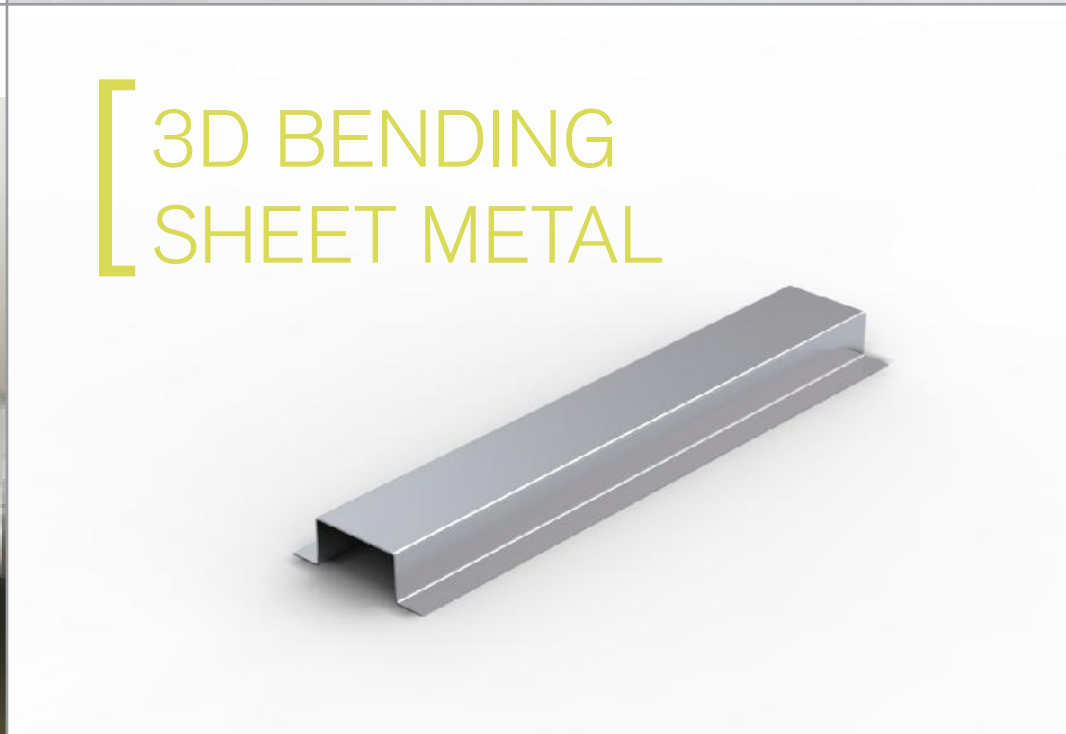
Modern line for powder coating ensures working with metal products of different sizes and shapes. Maximum quality of powder coating is guaranteed with precise Multispray Gema powder spraying system. It is possible to apply the powder on flat, curved and rough surfaces, as well as the laminated surfaces. Same Gema system allows you to quickly change the color powder. Dimensions of furnace allow operations with elements up to 7 m long, 1.5 m wide and 2 m in height.



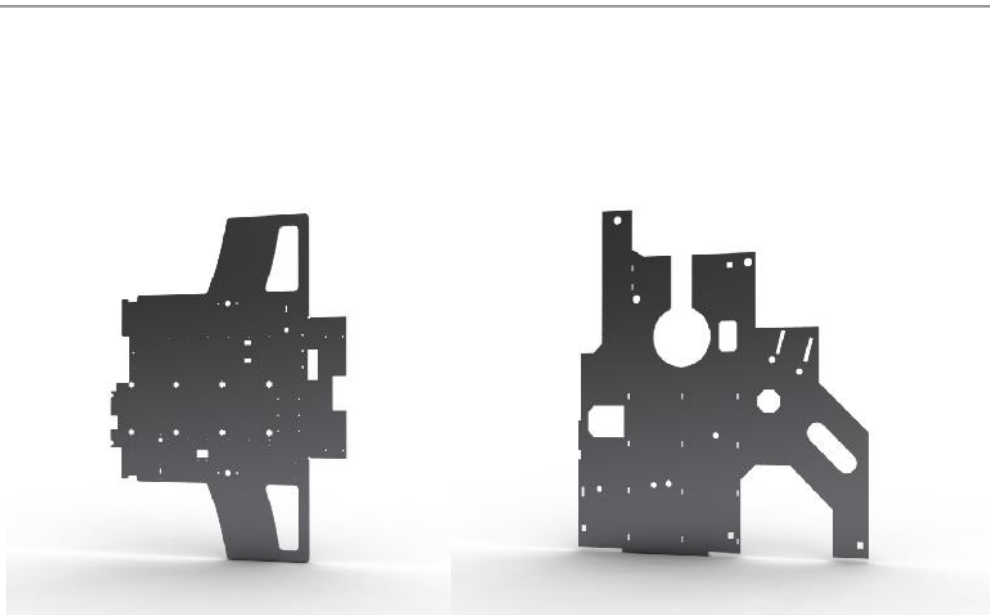




## [ 3D BENDING SHEET METAL

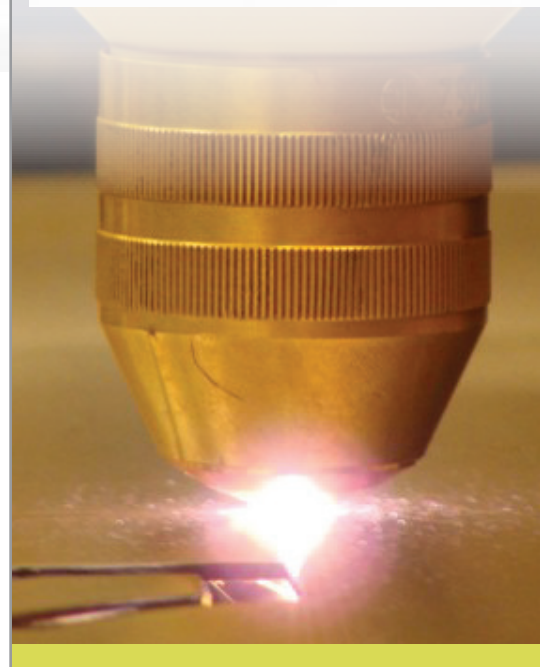


# [CNC MILLING



# [PLASMA TECHNOLOGY

HiFocus Plasma is a synonym for meeting the highest requirements in cutting of electrically conductive materials. The exceptional quality of surface cutting is characterized by a clean cut edges, maximum precision and minimum tolerance of slope and flatness of the line. These parameters in cooperation with productivity justify a worldwide reputation of HiFocus Technology. Cutting rank is covering materials from 0.5 mm to 40 mm. Standard DIN EN ISO 9013 for the usual plasma cutting permits tolerance till the fifth range. But with HiFocus technologies we get cuts in the range of 2 to 4. Under optimal conditions, the tolerance of angles is guaranteed between  $-1^{\circ}$  to  $+2^{\circ}$  up to a thickness of 40 mm.





# [ ROBOT WELDING

## WELDING SERVICES WITH IGM WELDING ROBOT

IGM welding robot for iron with its dimensions allows flexible positioning of elements to the rotary positioner. These same positioners are equipped with the powerful engines which can rotate elements around its axis, so that the flexible robot arm can reach elements from either side in the range of 3 meters. Reputation of the company IGM Robotic Systems guarantees a top quality welds.

