

# **GEOMINE**

to complete your production cycle

**CUSTOM MANUFACTURING  
OF SHEET METAL PARTS,  
COMPONENTS, AND ASSEMBLIES**



## About Us

Our company was founded in 1991 in Pribram, Czech Republic, and since beginning it has focused on custom manufacturing and development of sheet metal parts, components, assemblies and products. Over the course of our nearly 30 years on the market, we have gained a prominent position among companies offering comprehensive services in sheet metal processing. Today, we supply our products all across Europe and our customers include primarily large multinational companies.

## Custom Sheet Metal Manufacturing

We provide a comprehensive range of services from manufacturing preparation to order processing to assembly, packaging and shipping.

## Cutting Edge Technologies

We possess cutting edge technical equipment which includes 14 modern CNC machines, MIG/MAG welding robot, point welding machines, machine presses and more, all across 7,250 m<sup>2</sup> of production space.

## Individual Approach

We approach each customer individually to best fulfill their requirements. We can process orders using SolidWorks, SpaceClaim, TruTops or JETCAM software.

## Assembly and Packaging

Assembly and packaging of products is done using modern packaging machines and equipment. The entire process is strictly monitored and all orders undergo thorough final inspection.

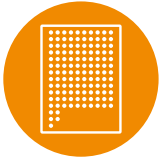
## Logistics

Our services also include shipping of finished products to the customer. We ship using either our own vehicle fleet or professional carriers.

## Certification

ISO 9001 / 2015 certification.





## Punching

punching of holes of various shapes, thread cutting, pressing, embossing, perforations, centering points, countersinking, customer logo marking, necking, recess forming

Technologies – 3x Trumpf TruPunch 5000 (2x with SheetMaster robotized system and 1x with ToolMaster system). Max. sheet metal thickness: 2.5 mm. Max. sheet format: 1,250 x 2,500 mm (medium format). Combined technology of punching and laser cutting – Trumpf TruMatic 6000.



## Laser Cutting

cutting with a laser beam, engraving

Technologies – 1x Trumpf TruMatic 3030, 1x Trumpf TruLaser 5030 Fiber. Max. sheet metal thickness: carbon steel: 20 mm, stainless steel: 12 mm, aluminum: 8 mm, copper and brass: 6 mm. Max. sheet format: 1,500 x 3,000 mm (large format).



## Bending

manual or automatic bending

Technologies – 8x TruBend (7036, 5050, V85, 2x V130, 5130 and 2x 5170 with BendMaster). Pressing force: 36 – 170 tonnes. Max. bending length: 4,200 mm.



## Welding

flame welding, arc welding, MIG/MAG and TIG, welding of steel, aluminum and stainless steel, point welding

Technologies – manual welding, MIG/MAG welding robot, JESVA and TECNA point welding machines.



## Sheet Metal Forming

forming in special machines

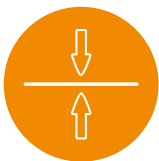
Technologies – 2x eccentric press LEXN 100C and LEK 250 (shaping force 100 t and 250 t).



## Fine Machining Operations

manual/machine deburring, countersinking, threading, drilling, manual/machine grinding, cutting, manual/machine straightening

Technologies – stand drilling machines, threaders, manual/machine grinders, machine saw, bending machine.



## Pressing

pressing/cartridge fixing of fasteners, riveting, clinching

Technologies – PEM Sertex, Haeger, Brecker and TOX machine presses.



## Simple Assembly Operations

manual parts cleaning, parts packaging



## Surface Finishing

powder coating, cathaphoresic coating, galvanizing, nickeling, etc.



## Printing

screen printing and pad printing

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[www.geomine.cz](http://www.geomine.cz)

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