

AspF.sk



**MECHANICAL MANUFACTURING
INDUSTRIAL AUTOMATION**

ABOUT US

We are situated in eastern Slovakia, in the industrial district of Široké village. Our over 7000 m² of space is divided among seven halls that are utilised for production, storage and offices.

We are able to provide the best possible solutions for your needs since we consistently invest in state of the art technologies and have extensive company expertise.

In addition to Slovakia, we work with several businesses around Europe. We always strive to improve ourselves and adjust technology to the newest trends.

We are looking forward to cooperation!

AspF.sk

2D CNC LASER SHEET METAL CUTTING



- CNC laser cutting machines
- Table size 1500x3000mm
- Structural steel up to 30mm
- Stainless steel up to 30mm
- Aluminum alloys up to 30mm
- Copper, Brass up to 20mm



CNC SHEET METAL BENDING



- CNC Press brakes
- Max. bending length 3000mm
- Max. working pressure - 220t
- Max. material thickness at length 3000mm
 - Structural steel - 10mm
 - Stainless steel - 8mm



CNC SHEET METAL ROLL BENDING



- Four-roll bending machine
- CNC control
- Max. working length 2100mm
- Max. thickness of the bending plate 8mm
- Max. pre-bend thickness 4mm
- Ø Top roller 160mm



3D CNC LASER PROFILE CUTTING



- Max. profile length 6100mm
- Max. wall thickness 10mm
- Max material Ø 160mm
- Cutting of closed profiles (JP, pipes, etc.)
- Cutting of open profiles (UNP, I, H, etc.)



MANUAL WELDING MIG, MAG, TIG, LASER



- Technologies MIG, MAG, TIG, Laser
- Certification EN 1090 - 1, EN 1090-2
- Certification EN ISO 3834 - 2
- NDT - VT2, Pt2



ROBOTIC WELDING MIG, MAG



- 2 robot welding cabinets
- MIG MAG welding technology
- Source Fronius CMT
- Max. weldment dimension 1,6x3,5x1 m
- Welding positioner



POWDER COATING



- Dimension of the oven 1500x1970x3300
- Max. product weight 700kg



LASER CLEANING



- Max. laser source power - 2kw
- Surface corrosion removal
- Grease and oil removal
- Pre-painting treatment



CNC MILLING MACHINE



- 3 axis vertical milling machine
- X - 1300mm
- Y - 610mm
- Z - 560mm
- CAM machining



CENTER LATHE



- Spindle distance 1500mm
- Usable break length - 230mm
- Height of tines above bed - 250mm
- Max. orbital diameter - 500mm
- Max. orbital diameter at break - 700mm



WIDE BELT SANDER AND BLASTING BOX



- Oxide removal
- Edge deburring
- Surface grinding
- Max. width 1300mm
- Pre-painting treatment
- Dimension of blasting box
6.5m x 4.5m x 3.5m height



MECHANICAL ASSEMBLY



- Assembly of smaller mechanical units
- Assembly area 14x27m
- Height of assembly area 5m
- Crane capacity 2t
- Riveting, gluing, screwing



CNC MATERIAL CUTTING



- CNC band saw
- Max material Ø 300mm
- Servo-driven material feed



3D ENGINEERING CAD, CAM



- CAD product design
- Drawing documentation
- FEM product analysis
- Design of welding fixtures



OTHER TECHNOLOGIES



- Drilling
- Thread cutting
- Profile turning
- Grinding



CONTACT INFORMATION



CONTACT:

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In case of any requests, we will be happy to prepare a quotation for you.

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Do not hesitate to contact us! We are looking forward to cooperation!



- Manufacture of steel structures
- Development and manufacture of machines, their parts and technological units
- Class: EXC2
- Welding technologies 141,135



EN ISO 3834-2:2021

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STN EN ISO 9001:2016

- Engineering production
- Research, development, manufacture, assembly and servicing of machinery, equipment and their components
- Industrial automation



NDT WELD INSPECTION • IWE - highest qualification issued by the International Institute of Welding



- Visual testing VT 2

- Penetrant testing PT 2

- STN EN ISO 14731:2019 - IWE, EWE