

# PRODUCTION CAPACITIES & TECHNOLOGIES



# MACHINE LIST 2026

## ROTARY MACHINING (TURNING)

- **8x** CNC lathe Doosan GT3100 a 3100L
- **3x** Automatic Lathe Emag VL3 DUO, driven tools
- **3x** Twin-spindle CNC Lathe Okuma 2SP-150h
- **1x** Twin-spindle CNC Lathe Muratec MW 120
- **1x** CNC Lathe + Sub-spindle, Okuma LCC 15-2S
- **1x** CNC Lathe MAZAK QTN 100
- **1x** CNC Lathe MAZAK QT 6G

## PRECISION MILLING (3 to 5-axis)

- **1x** 5-axis Machining Center MAZAK Variaxis i500
- **1x** 4-axis Machining Center BROTHER S300X1
- **1x** 3-axis Machining Center MAZAK Nexus 410A
- **1x** 3-axis CNC Twin-pallet Center Okuma MF-46VA
- **1x** 3-axis CNC Twin-pallet Center Doosan DT360D
- **1x** 3-axis Center Fanuc Robodrill Alpha D21 MiB5 + robot handling

## QUALITY CONTROL

- **1x** 3D CMM: Zeiss Duramax
- **2x** 3D CMM: Mitutoyo Mach KoGaMe
- **2x** Conturograph: Zeiss Contourecord
- **2x** Surface Roughness Tester: Surfcom Touch 50
- **2x** Digital Inspection and Sorting Module

## SPECIAL TECHNOLOGIES & R&D

- **6x** Robot Fanuc
- **3x** Single-purpose Automatic Slotting Machines TOS, FGS
- **3x** Profi FDM and SLA 3D Printer
- **1x** 3D Scanner + Reverse Engineering Quicksurface
- **CAD** Software for design and technical documentation
- **CAM** Software for complex machining program generation, post-processing



# DIMENSIONS & TECHNOLOGIES

## ROTARY MACHINING (TURNING)

- 2-axis CNC Lathes: Bar/Tube (Ø100mm L3000), Cut Blank (Ø310mm L500)
- Automated lines for large series + driven tools: Forging/Cut Blank (Ø150 L110)
- Twin-spindle automatic lathes with manipulator or sub-spindle (Gantry Loader)  
Forging/Cut Blank (Ø150 L220)

## PRECISION MILLING (3 to 5-axis)

- 5-axis simultaneous machining of complex parts (500x350x350)
- 4-axis CNC machining with integrated handling system (500x400x330)
- 3-axis CNC milling machines (560x410x510)

## QUALITY CONTROL

- Zeiss CMM: 3D Coordinate Metrology (100% inspection)
- Contourograph: Profile and roughness measurement
- Processes established according to automotive standards:

STN EN ISO 9001  
STN EN ISO 14001  
STN EN ISO 45001

## SPECIAL TECHNOLOGIES & R&D

- Close cooperation with the Slovak University of Technology
- 3D Scanning & 3D Printing: Reverse engineering and prototyping
- Slotting/Broaching: Internal and external keyways, gears/splines
- Automation/Robotization: Development and construction of single-purpose equipment
- Welding & Assembly: Sub-assembly completion