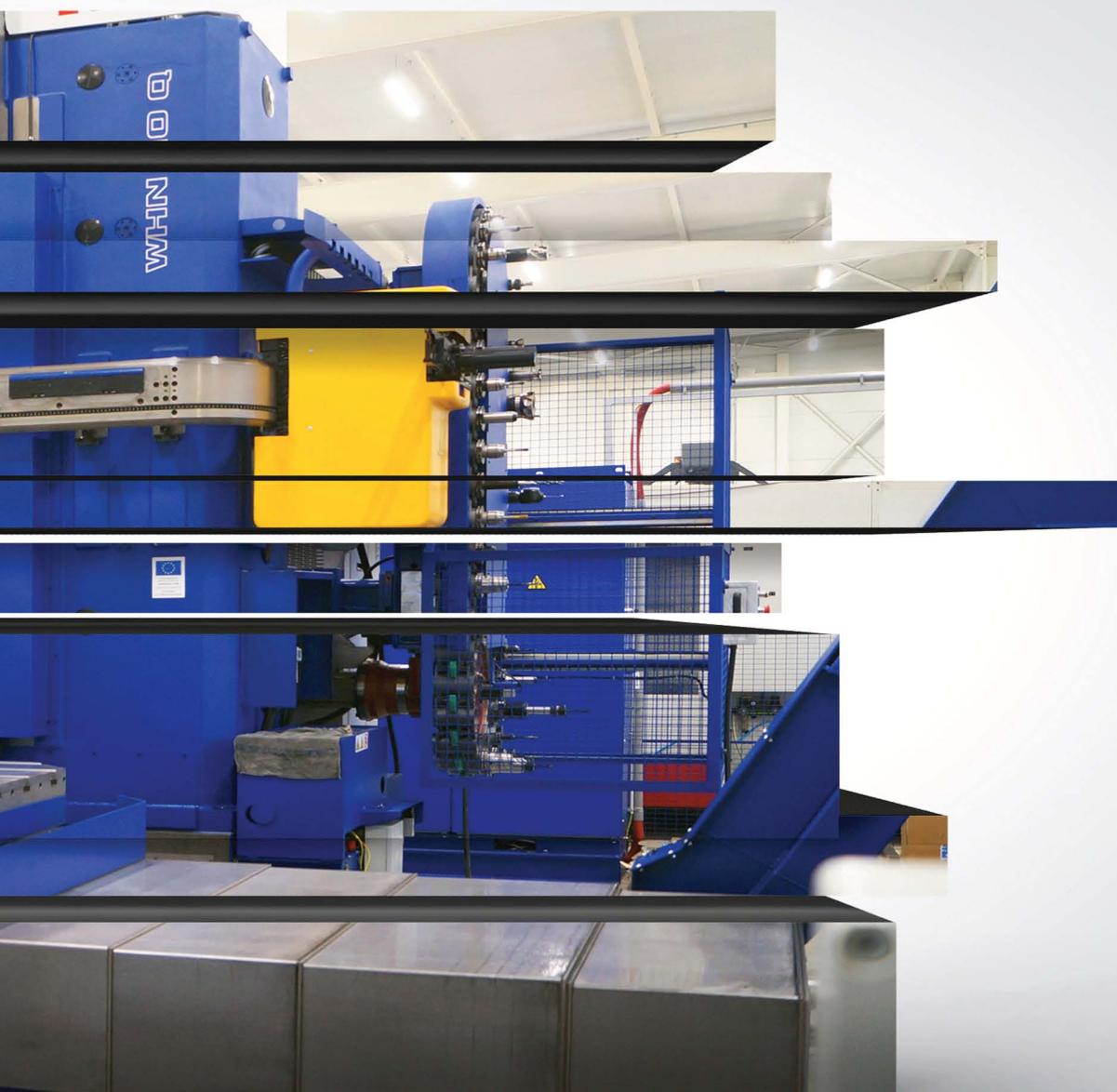


# Modern engineering company



**A.G.E.S.  
S.r.O.**

# About us

The engineering company A.G.E.S. s.r.o has been active on the market since 1997. Our team consists of mature workers with long - time practice and young perspective workers understanding new technologies and procedures.

They create a modern company with a great potential for development in the future.

Company has production facilities with a total production of 2500m<sup>2</sup> and is situated in the village of Olcnava, 20 km far from Spišská Nová Ves. The main focus of the company is the production of machine units, preparations, parts and components according to the drawing documentation in the area of locksmith's production and metal work.





## **TOS Varnsdorf machine WHN 110Q** **A horizontal boring machine**

Movements: x=2500mm, y=1600mm, z=1250mm  
w=500mm

Working table: 1600mm x 1400mm

Table Load Capacity: 5000kg

Max speed: 3300rpm

Power: 37kW

Maximum torque: 1811Nm

Positioning accuracy: 0,001mm



## **CORREA NORMA-35** **Universal Machining Center 5-axis**

Movements: x=3500mm, y=1500mm, z=2000mm

Table dimensions: 3800 x 1150 mm

Max speed: 6000rpm

Distance from table to empty spindle: 2066 mm

Max. dimension of the plate in the axis „Y“: 1900 mm

Max. dimension of the plate in the axis „Y“: 1500 mm

Control system: Heidenhain iTNC 640



## **HARTFORD MIRAGE GGE 3150** **Portal Machining Centre**

Movements: x=3250mm, y=1500mm, z=750mm

Working table: 3000mm x 1400mm

Table Load Capacity: 7000kg

Max speed: 10000rpm

Max speed angle head: 2000rpm

Power: 30kW

Positioning accuracy: 0,005mm



## **HERMLE C 62 U MT** **Universal Machining Center 5-axis**

Movements: x=1200mm, y=1300mm, z=900mm

a=260° (-130°/130°), c=360°

Working table: Ø1200mm

Max speed: 12000rpm

Positioning accuracy: 0,008mm

**The machine is located in an air-conditioned hall**



## **GROB G550** Universal Machining Center 5-axis

Movements: x=800mm, y=1000mm, z=1000mm  
Working table: Ø800mm  
Max speed: 16000rpm  
Positioning accuracy: 0,005mm  
**The machine is located in an air-conditioned hall**



## **GROB G350** Universal Machining Center 5-axis

Movements: x=600mm, y=770mm, z=675mm  
Working table: Ø600mm  
Max speed: 8000rpm  
Positioning accuracy: 0,005mm  
**The machine is located in an air-conditioned hall**



## **HERMLE C22 U** Universal machining centre 5-axis

Movements: x= 450mm, y=600mm, z=330mm  
Maximum spindle distance from the table: 400 mm  
Working table: Ø460 mm - 2 sides bevelled to measure 370mm  
Max speed: 15 000rpm  
Control System: HEIDENHAIN iTNC 530



## **FEELER VMS 40 SA** Vertical machining centre 3-axis

Running gear: x=1000mm, y=520mm, z=505mm  
Working table: 1150mm x 520mm  
Max speed: 8000rpm  
Positioning accuracy: 0,01 mm



## **MORI SEIKI DURAVERTICAL 5080** Vertical CNC machining centre 4-axis

Movements: x=800mm , y=530mm, z=510mm  
Working table: 1100mm x 600mm  
Max speed: 10000rpm  
Positioning accuracy: 0,005 mm



## **MORI SEIKI DURATURN 2050** CNC lathe

Maximal diameter: Ø 370mm  
Max processing length: 530mm  
Max speed: 10000rpm  
Positioning accuracy: 0,005 mm



## **PERFECT MACHINE PFG-50100 AHR** Universal grinding machines

Grinding surface of table: 1000mm x 500mm  
Max. distance center of spindle to table: 600mm  
Total max. safety table load: 800kg



## **TOS HOSTIVAŘ UB 32 - 1500 CNC** Universal cylindrical grinding machine

Swing diameter: 320mm  
Distance between centers: 1500mm  
Max. weight of workpiece: 500kg

# Quality



## HEXAGON Global Lite 12.22.10 Portal three-coordinate measuring machine with high accuracy

6-axis measuring arm

Measuring range: X - 1200

Y - 2200

Z - 1000

Max. payload (kg) :2250

Measuring accuracy ( $\mu\text{m}$ ) : 0,039

Maximum permissible measurement error in the MPEE space  
according to VDI/ISO 10-360-2, -4, (18-22°C, 1°C/hod, 2°/24hod)

for the probe HP-TM/HP-S-X1SE ( $\mu\text{m}$ ): Standard: 2,7 + L/300

CLIMA: 3,1 + L/200

## ROMER ABSOLUTE ARM 7530 Measuring Arm

6-axis measuring arm

Measuring range: 3,0m

Repeatability measurement point: 0,0030mm

Volume accuracy: +/- 0,044mm



## TESA Micro-Hite 3D DCC Measuring centre

CNC coordinate measuring machine

Measuring range: X/Y/Z : 440 x 700 x 410 /mm/

Repeatability: 3 microns

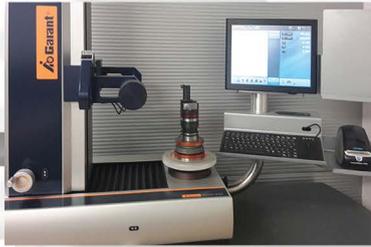
Accuracy: (2,5+3,9\*L/1000) microns



# Quality

## GARANT VG1 Setting apparatus

CNC coordinate measuring machine  
 Measuring range: X/Y/Z : 440 x 700 x 410 /mm/  
 Repeatability: 3 microns  
 Accuracy:  $(2,5+3,9*L/1000)$  microns



# Production

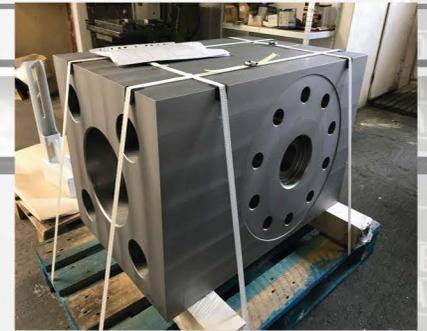
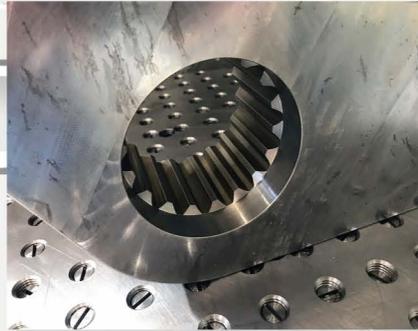
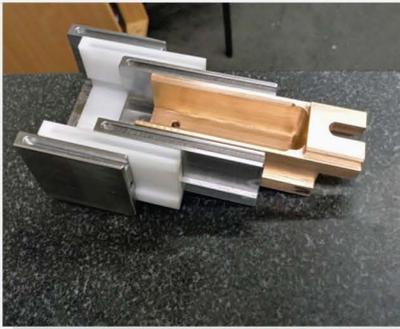
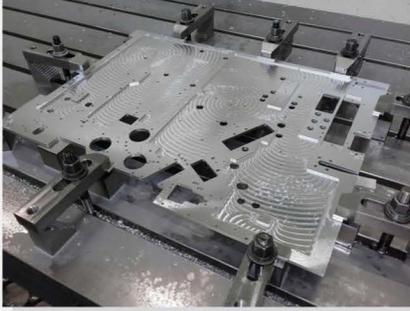
Welded parts, milled parts, turned parts, assembly and subassembly,  
 wide spectrum of finish treatment, etc...





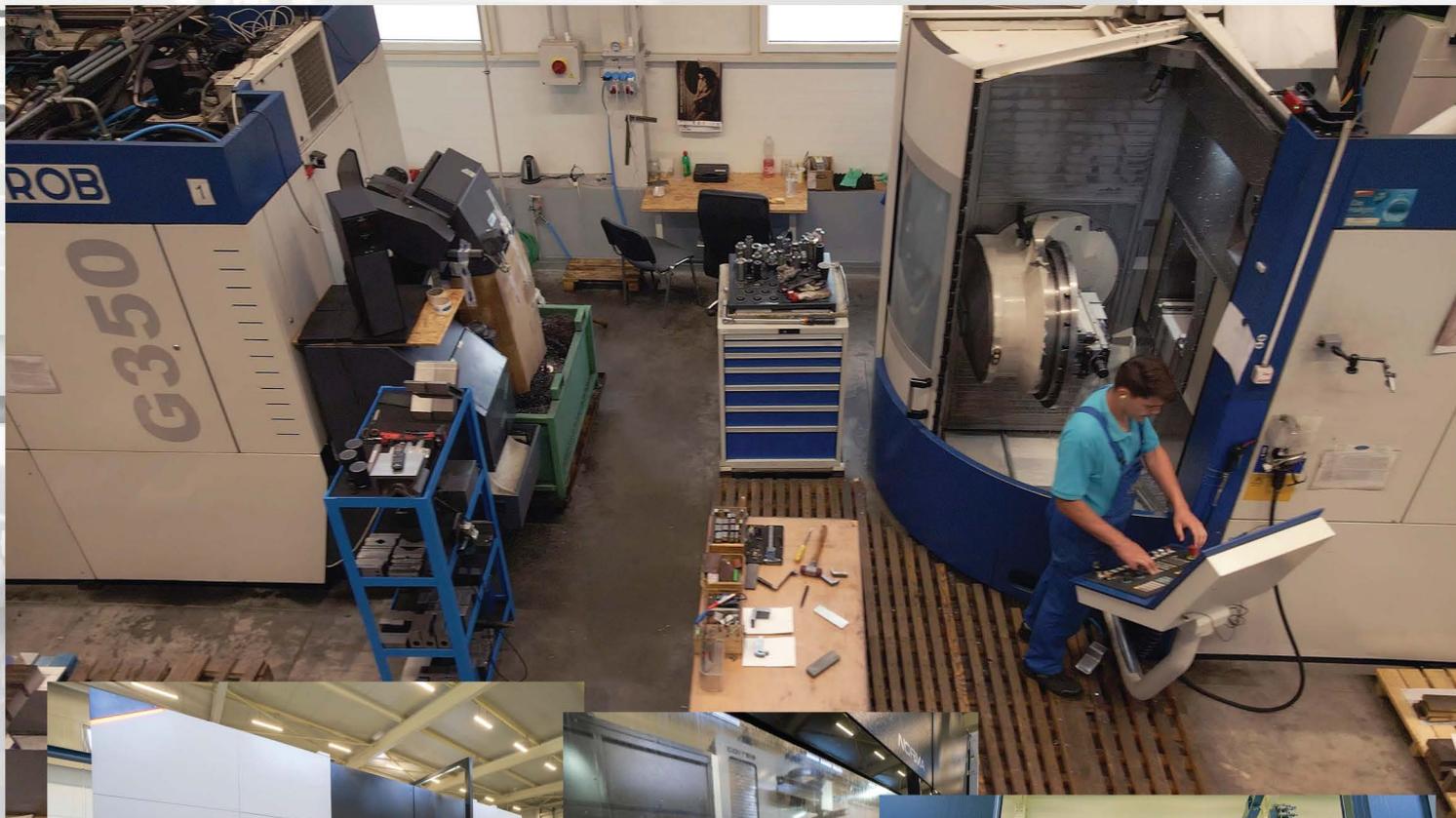
# Production

Welded parts, milled parts, turned parts, assembly and subassembly, wide spectrum of finish treatment, etc...





680 | 680 | 617 | 687

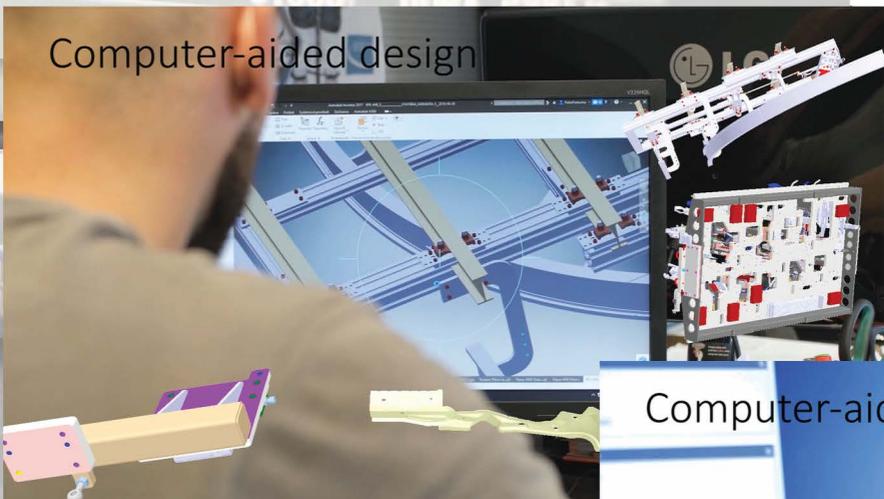




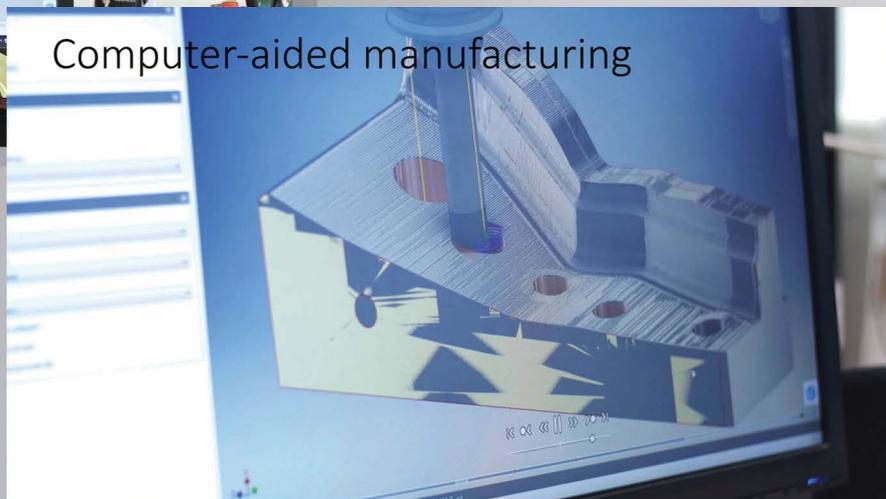


# CAD/CAM

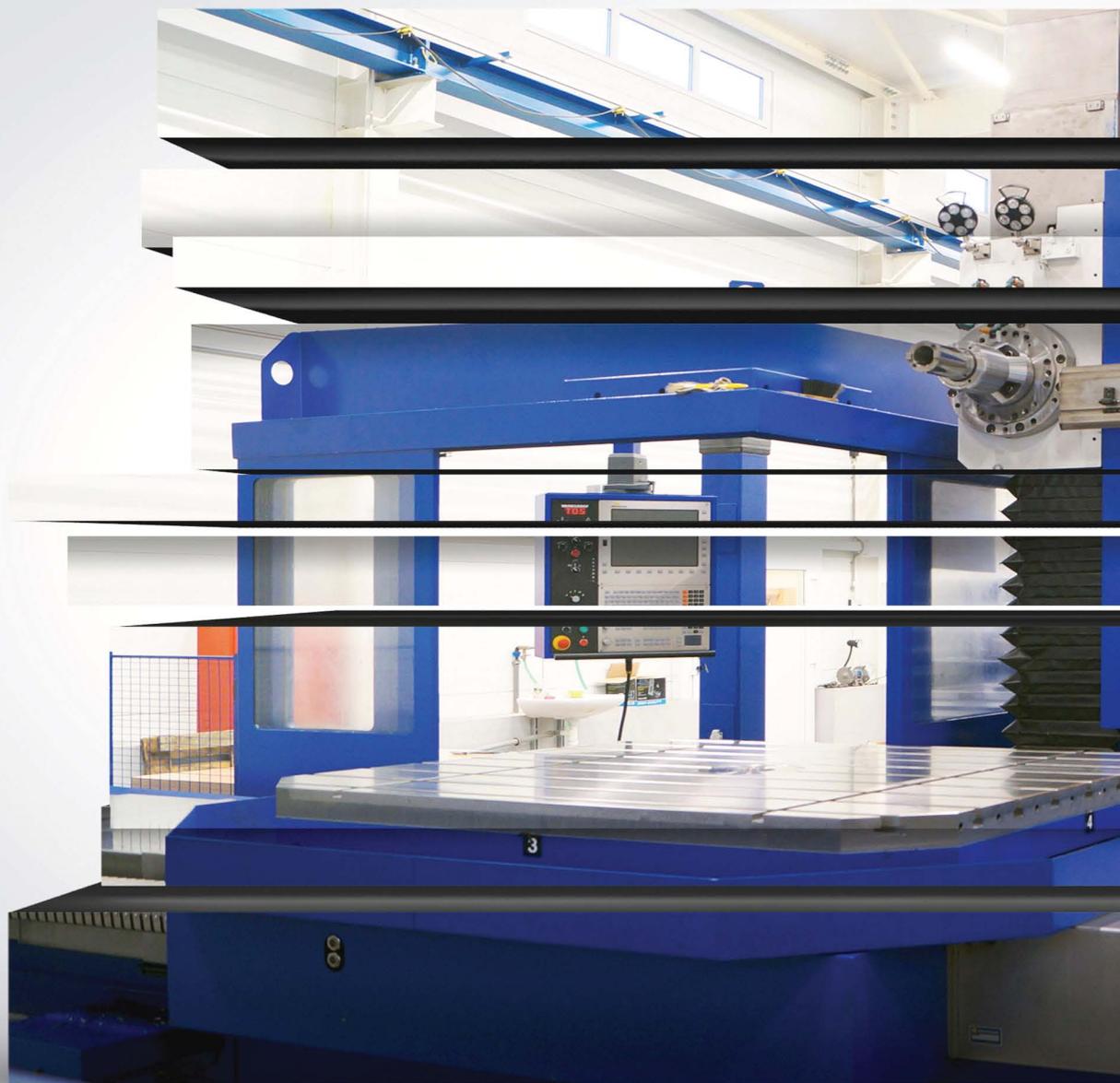
Computer-aided design



Computer-aided manufacturing



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IBAN: SK55 0900 0000 0005 2007 7802