

OUR MACHINES

5 AXIS

MILLING MACHINES

- a500Z (2022): Horizontal Machining center by Makino, 20000 rpm spindle motor Ø630mm x 500mm Maximum Workpiece Size Multipallet (24 positions shared with the other a500Z) and 312 tool magazine stations. Maximum Hoist Load: 200 Kg
- a500Z (2018): Horizontal Machining center by Makino, 14000rpm spindle motor Ø630mm x 500mm Maximum Workpiece Size Multipallet (24 positions shared with the other a500Z) and 218 tool magazine stations. Maximum Hoist Load: 200 Kg
- G550 (2017): Horizontal Machining Center by GROB, 16000 rpm spindle motor, 800x1020x1020 Maximum Workpiece Size, Multipallet (13 positions) and 338 tool magazine stations. Maximum Hoist Load: 500 Kg
- DMC 100U (2012): Vertical Machining Center by DMG, 12000 rpm spindle motor, 1000x1250x1000mm Maximum Workpiece range, 2 position multipallet and 240 tool magazine stations. Maximum Hoist Load: 1000 Kg
- DMC 60P (2012): Vertical Machining Center by DMG, 18000 rpm spindle motor 600x700x600mm Maximum workpiece, 60 tool magazine stations. Maximum Hoist Load: 500 Kg

4 AXIS

MILLING MACHINES

- NHX6300 (2022): Horizontal Machining center by DMG, 12000rpm, High torque 630Nm spindle motor. 1050x900x1030 Maximum Workpiece Size. 2 position multipallet and 180 tool magazine stations. Maximum Hoist Load: 1500 Kg

MULTITASKING MACHINES

- GAMMA 2000 TC (2023): Millturn Machining Center by DMG with counter spindle. 2000mm maximum machining length. 720mm turning diameter. 120 Stations tool magazine. Maximum Hoist Load: 500 Kg
- WFL M30-G (2019): Millturn Machining Center by WFL with counter spindle. 1800mm maximum machining length. 520mm turning diameter. 80 Stations tool magazine. Maximum Hoist Load: 1500 Kg
- GAMMA 2000 TC (2009): Millturn Machining Center by DMG with counter spindle. 2000mm maximum machining length. 680mm turning diameter. 120 Stations tool magazine. Maximum Hoist Load: 1500 Kg

LATHE MACHINES

- GRAZIANO GT 500M: Cnc Lathe by DMG. 540mm Turning diameter and 1100mm working length. 3500rpm spindle. Turret tool and draw tube bore Ø80.
- CTX310 V6: Cnc Lathe by DMG. 200mm Turning diameter and 400mm working length. 5000rpm spindle. Sub-spindle Y axis and draw tube bore Ø55.

3 AXIS

MILLING MACHINES

- SIGMA MISSION 3M: 12000rpm spindle, 1000x650x685mm work range, possibility to work with the 4thaxe.
- EMCO-FAMUP MC 75-50: 12000rpm spindle, 750x500x640mm work range.

OUR MACHINES

PRESETTING

- VENTURION 450/6: Cnc Presetting machine by ZOLLER.

GRINDING MACHINES

- RTL 1000 CN (2023): Cnc Tangential grinding machine by ALPA with 1000x500mm magnetic plane.
- ROSA: Cnc Tangential grinding machine with 1500x600mm magnetic plane.
- KELLENBERGER U 1000: Internal and external grinding machine Ø450 and 1000mm length
- STUDER 30: Internal and external grinding machine

SOFTWARE

- HyperMILL®: 5X continuous Programming and simulation system CAD/CAM by OPEN MIND®. Always working with the most updated version.
- Vericut®: NC file simulation program. Always working with the most updated version.
- TMS®: Tool Database and managing system by ZOLLER. It works with Venturion, high integration with HyperMILL®.
- Solidworks®: CAD and projecting program by DassaultSystems.
- CATIA®: CAD and projecting program used in Aerospace world by DassaultSystems.

QUALITY CONTROL

- CONTURA (2016): 3 axis Coordinate measuring machine by ZEISS with 900x1200x800mm table dimensions. Maximum Hoist Load: 125 Kg
- ACCURA (2010): 5 axis Coordinate measuring machine by ZEISS with 1200x800x1000mm table dimensions. Maximum Hoist Load: 500 Kg