



OUR MACHINE FLEET



DIERRE

OUR PRODUCTION RANGE

- TURNING, MILLING AND GRINDING ON CNC MACHINES
- HEAT AND SURFACE TREATMENTS
- ASSEMBLY OF MECHANICAL COMPONENTS

TURNING MACHINES

- Turning-machine CNC **GILDEMEISTER CTX 400 SERIE 2** \varnothing 250 x 550 mm with power driven tool (diameter max \varnothing 50 mm; spindle \varnothing 220 mm)
- Lathe and milling center CNC **GILDEMEISTER GMX 250S Linear 2** spindles with revolver and milling spindle motor (diameter max \varnothing 90 mm; main spindle \varnothing 315 mm) (diameter max \varnothing 70 mm; secondary spindle \varnothing 260 mm)
- Turning-machine CNC **GILDEMEISTER CTX BETA 1250** max \varnothing 400x1200 mm, with axis Y +- 60 mm (diameter max \varnothing 90 mm; spindle \varnothing 315 mm)
- Turning-machine CNC **GILDEMEISTER CTX ALPHA 500W4**, max \varnothing 250x500 mm, axis Y +-40 mm (diameter max \varnothing 60 mm; spindle \varnothing 225 mm)
- Turning-machine CNC **GILDEMEISTER CTX BETA 800**, max \varnothing 400 x 800 mm with axis Y +- 60 mm (diameter max \varnothing 72 mm; spindle \varnothing 260 mm)

WORKING CENTERS

- Working center vertical/horizontal 4 axes CNC **DECKEL MAHO DMC 80U** 2 pallets (working area: X 800 mm; Y 630 mm; Z 560 mm)
- Working center CNC **DECKEL MAHO DMC 125 U Hi-dyn** with 5 axes - 2 pallets (working area: X 1250 mm; Y 880 mm; Z 800 mm)
- Working center vertical CNC **DECKEL DMF 220 Linear** - 2 working areas (working area: X 1000 mm; Y 600 mm; Z 600 mm)

GRINDING MACHINES

- Inlet and outlet grinding machine **TACHELLA** \varnothing 180 x 1020 mm
- Tangential grinding machine CNC **ROSA ERMANDO AVION 11.7** - magnetic table 1000 x 500 mm

MEASURING INSTRUMENTS

- Roughness machine **ZEISS HANDYSURF E35°**
- Measuring machine **ZEISS SCANMAX**
- Three-dimensional measuring machine **ZEISS ACCURA II** (working area: X 900 mm; Y 1400 mm; Z 800 mm)

SOFTWARE

- Programming and simulation system CAD/CAM 5-axis **hyperMILL, OPEN MIND**

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HIGH PRECISION MECHANICS