



DIERRE

HIGH PRECISION MECHANICS



OUR MACHINE FLEET



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 250x550 mm with power driven tool diameter max \varnothing 50 mm; spindle \varnothing 220 mm
- Lathe and milling center CNC GILDEMEISTER GMX 250S Linear, 2 spindels 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 with axis Y +- 40 mm diameter max \varnothing 60 mm; spindle \varnothing 225 mm
- Turning-machine CNC GILDEMEISTER CTX BETA 800, max \varnothing 400x800 mm with axis Y +- 60 mm diameter max \varnothing 72 mm; spindle \varnothing 260 mm

WORKING CENTERS

- Working center vertical/horizontal 4-axis 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 360X1020 mm
- Tangential grinding machine CNC ROSA ERMANDO AVION 11.7 - magnetic table 1000x500 mm
- Inlet and outlet CNC grinding machine LIZZINI WALLRAM IG-FXL \varnothing 420x1200 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 800mm

SOFTWARE

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

DIERRE

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