



# OUR MACHINE FLEET



## DIERRE

### OUR PRODUCTION RANGE

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

### TURNING MACHINES

- 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 400x1200 mm with axis Y  $\pm$  60 mm (diameter max  $\varnothing$  90 mm; spindle  $\varnothing$  315 mm)
- Turning-machine CNC **GILDEMEISTER CTX ALPHA 500V4**, max  $\varnothing$  250x500 mm, axis Y  $\pm$  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  $\pm$  60 mm (diameter max  $\varnothing$  72 mm; spindle  $\varnothing$  260 mm)
- Turning-machine CNC **DMG MORI CLX 450**, max  $\varnothing$  400x800 mm with axis Y  $\pm$  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) with 5 axes
- 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
- Inlet and outlet CNC grinding machine **LIZZINI WALLRAM IG-FXL**  $\varnothing$  420x1200 mm

### MEASURING INSTRUMENTS

- Roughness machine **ZEISS HANDYSURF ACCRETECH**
- 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**

## DIERRE

SS. 13 Km. 146 Fraz. Collalto di Tarcento (UD) - Italy - Tel. +39 0432 792950 - Fax: +39 0432 792720

Web: [www.dierre-srl.com](http://www.dierre-srl.com) - E-mail: [info@dierre-srl.com](mailto:info@dierre-srl.com)

HIGH PRECISION MECHANICS

