

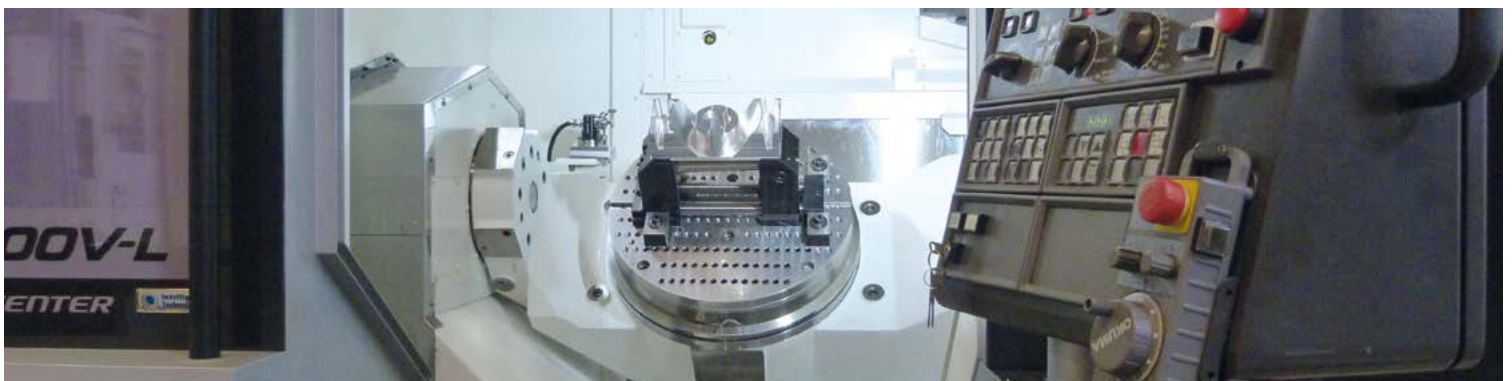
PRECISION MACHINING

M E C A N I T Z A T S

J. SILLERO s.l.

ISO 9001

BUREAU VERITAS
Certification





Accuracy, Innovation and Continuous Improvement





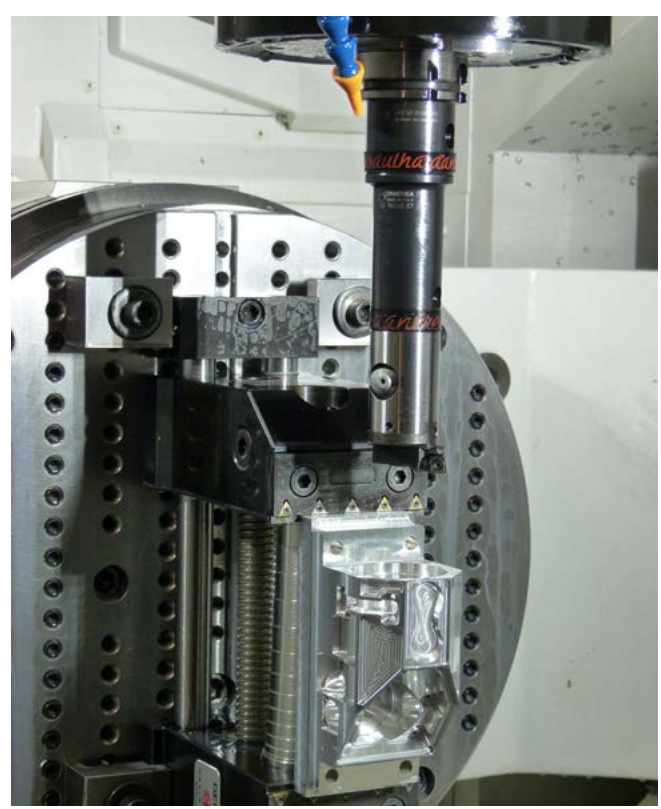
Specialized in the machining of highly complex and technically demanding parts, in which the quality and the precision are essential.

We can manufacture any kind of piece and even manufacture and assemble complete sets.

We also work with prototypes, short and medium batches. We work upon request and according to the drawings and specifications of every client. Thanks to a widely proven experience in this sector, we also provide solutions thanks to the consolidated experience in the sector.

We work all kinds of material: structural steel, stainless steel, cast iron, aluminium, bronze, brass, titanium, inconel and all kinds of technical plastics.

Precision machining



Multitasking machine - 5 axis machine



Vertical Machining Centers – Horizontal Machining Centers - CNC lathes



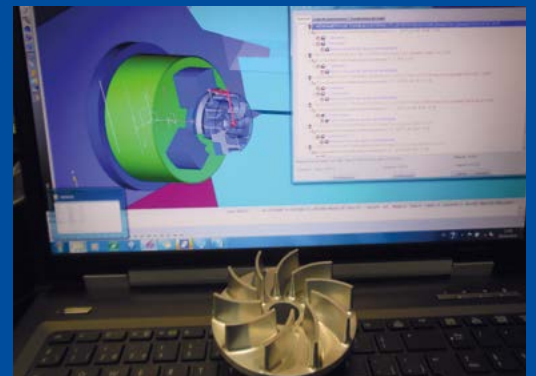
Quality Control / Technical Department

Our Quality Control Department has all the measuring devices necessary to guarantee complete success in all our machining processes. Our constant search for perfection and detail drives our extensive quality control program. Our quality management system is certified in accordance with the **ISO 9001:2008** standard.



*DEA GLOBAL PERFORMANCE 9128 Coordinate Measuring Machine (CMM)
fitted with a TESASTAR-M head, and a LEITZ LSP-X1 continuous scanning probe*

In our Technical Department, a team of technically experienced professional engineers is responsible for all the different production processes, choosing the best possible solution for each case. We use the most advanced technology in manufacturing and design computer software: CAD-CAM.



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Machinery park and capacities

Our facilities are spread over an area of 3000 m², and equipped with state-of-the-art machinery.

- 5 axis machine OKUMA MU-5000-VL.
- 5 axis machine MORI SEIKI NMV3000 with 34 pallets.
- Multitasking machine OKUMA MULTUS B-400 II.
- Multitasking machine OKUMA MULTUS U3000.
- Multitasking machine OKUMA MULTUS B-250 II.
- 2 Horizontal Machining Centers OKUMA MB-5000H.
- 1 Horizontal Machining Center OKUMA MA-400HA.
- 2 Vertical Machining Centers OKUMA MB-66VA with 4th axis.
- 2 Vertical Machining Centers OKUMA MB-56VA with 4th axis.
- 1 Vertical Machining Center MB-46VAE with 4th axis.
- 2 Vertical Machining Centers KONDIA 1050 with 4th axis.
- CNC milling machine CORREA CF-22/25 PLUS ISO 50 and automatic tool changer.
- 1 lathe OKUMA LB3000 EXII MYM800 with spindle and sub-spindle.
- 1 lathe OKUMA LB3000 EXII MYC500 with automatic tool changer.
- 1 lathe OKUMA LB3000 MYC1000 with automatic tool changer.
- 1 lathes CMZ TL20M.
- 1 lathe CMZ TD30YS with spindle and sub-spindle.
- 1 lathe CMZ TD35Y with steady rest.

To improve our production processes, we have:

- 1 Robot Cellro Xcelerate x20.
- 1 Robot Cellro Xcelerate x35.

Axis travel X-Y-Z 800x1050x600 mm Ø max. 700 mm
Ø max. 350 x 350 mm
Ø max. 800 mm x 1540 mm
Ø max. 700 mm x 1640 mm
Ø max. 400 mm x 800 mm

Axis travel X-Y-Z 760x760x760 Ø max. 800 mm

Axis travel X-Y-Z 560x610x625 Ø max. 600 mm

Axis travel X-Y-Z 1500 x 660 x 660 mm

Axis travel X-Y-Z 1050 x 560 x 460 mm

Axis travel X-Y-Z 560 x 460 x 460 mm

Axis travel X-Y-Z 1000x500 x 610 mm

Axis travel X-Y-Z 2500x800 x 800 mm

Ø max. 410 x 800 mm

Ø max. 410 x 500 mm

Ø max. 410 x 1300 mm

Ø max 315 mm x 600 mm

Ø max. 520 mm x 800 mm

Ø max. 520 mm x 1500 mm



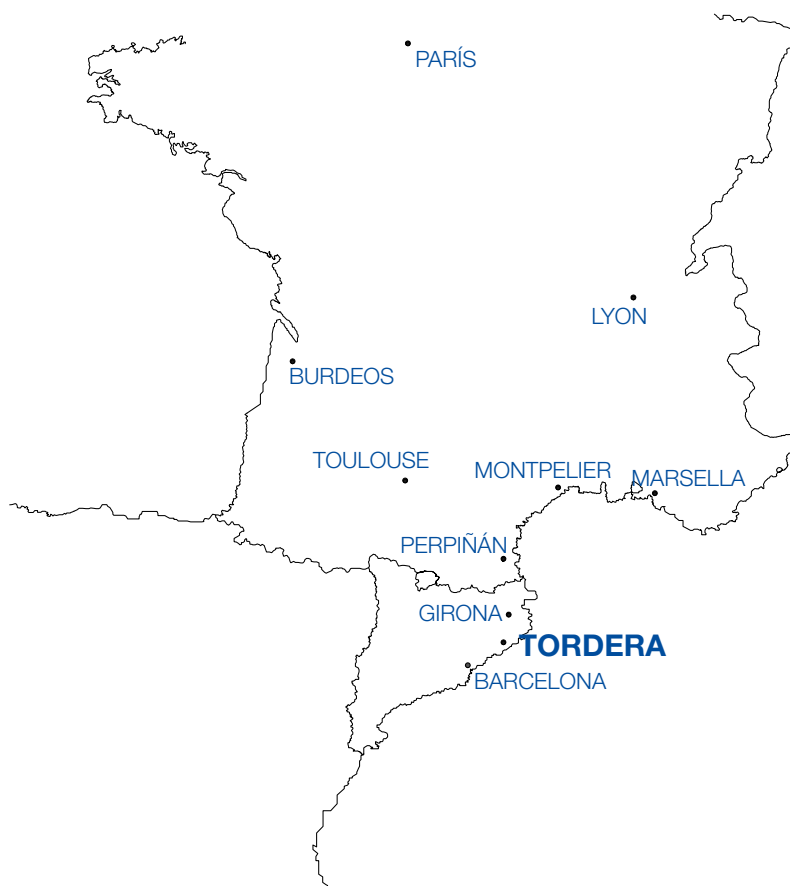
Latest technology in tools to guarantee high quality machining

ZOLLER VENTURION 450 Measuring Tools Machine





MECANITZATS
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