

Since 1978



**TOR-MEC**  
MECHANICAL MACHINING

| PASSION | PRECISION | TECHNOLOGY

The company started life in September 1978 as TOR-MEC di Bianchi Luciano. It offered its services to the market as a manufacturer of special mechanical parts and small pieces of mechanical equipment. In 1985 TOR-MEC handed over the reins to Bianchi Ezio, the second-born son, who still draws on the four decades of experience of his father, the company's founder. Today, the company has a highly qualified workforce and state-of-the-art machines and software tailored to the customer's needs, from engineering of the prototype to the manufacture of the required piece. All the services we provide are based on machining with C. N. C. and traditional machining tools, in accordance with certified procedures.



## CERTIFICATION

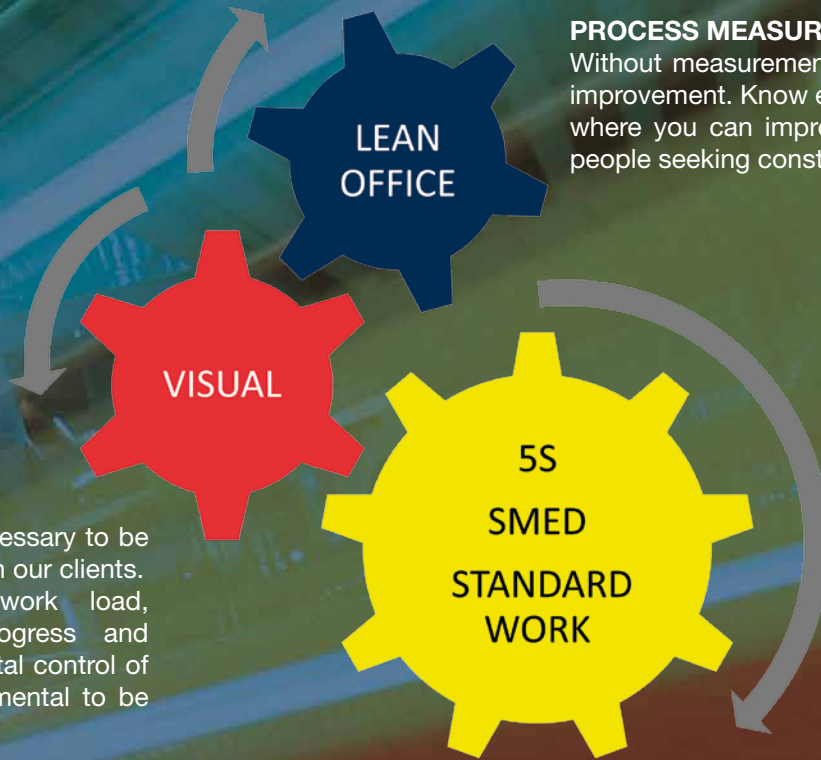




# TOR-MEC

MECHANICAL MACHINING

TOR-MEC is implementing Lean to promote continuous improvement and waste reduction.



## PROCESS MEASUREMENT

Without measurement there is no control and improvement. Know exactly where you are and where you can improve makes us innovative people seeking constantly excellence.

## PLANNING

A good planning is necessary to be precise and reliable with our clients. Distribute correctly work load, monitor constantly progress and delivery dates, be in total control of our suppliers is fundamental to be excellent partners.

## PROCESS STANDARDIZATION

We standardize the way we work to be a coordinated team to sustain our clients with their challenging needs. We think it is vital to have clear and shared methods for design, production, material and tools management.



## Machine Park

N°1 Mazak INTEGREX i-200S X 1000 SMOOTH multi-tasking turning and milling centre  
Twin-spindle 5 axis bar capacity Ø80

N°1 Mazak INTEGREX i-200S X 1000 MATRIX multi-tasking turning and milling centre  
Twin-spindle 5 axis bar capacity Ø65

N°1 Mazak SQT 250M turning centre  
Bar turning Ø65 or Ø300 secondary turning, turning length 500mm

N°1 Mazak SQT 250MY turning centre  
Bar turning Ø65 or Ø300 secondary turning, turning length 500mm

N°1 Mazak QT NEXSUS 250MSY turning centre twin-spindle  
Bar turning Ø65 or Ø320 secondary turning, turning length 500mm

N°1 Mazak VCN NEXSUS 510 Milling centre  
machining area 1050X510X500

N°1 Mazak VTC 300 C Milling centre  
machining area 1740X760X660 or with double pallet changer machining area 760X540X660

N°1 DHALIH MCV 720 Milling centre  
machining area 720X460X500

N°1 Delta tangential grinding unit  
machining area 650X380

N°2 MEP SHARK CNC 330 Automatic  
band sawing machines

N°1 GORNATI LEGGOR 250 Parallel lathe

N°1 COMEV CM300 Parallel lathe

N°1 NOVAR K1400 Universal milling unit

N°1 FAMUP RAG40 Milling drill

N°1 Sanding machine

N°1 Booth for manual washing of workpieces

## Quality Control

N° 1 Humidity and air-conditioned measuring room

N° 1 CMM Tesa 3D

N° 2 Altimeters Tesa micro hite 600

N° 1 Projector

N° 1 Roughness Tester

N° 1 Bore gauges calibration machine

N° 1 Microscope

Internal and external certified instruments 0:300

## Production Software

**Mastercam**

Turning machine; Milling machine;  
5 Axis; Solid-Modeling



Surface and Solid-Modeling

## Management





**TOR-MEC**  
MECHANICAL MACHINING

## Services

Finishing and technical surface treatments of aluminium alloys, especially:

- Anodising
- Hard oxidation with Teflon impregnation
- Nickel chemical treatment

Final treatment of steel, especially:

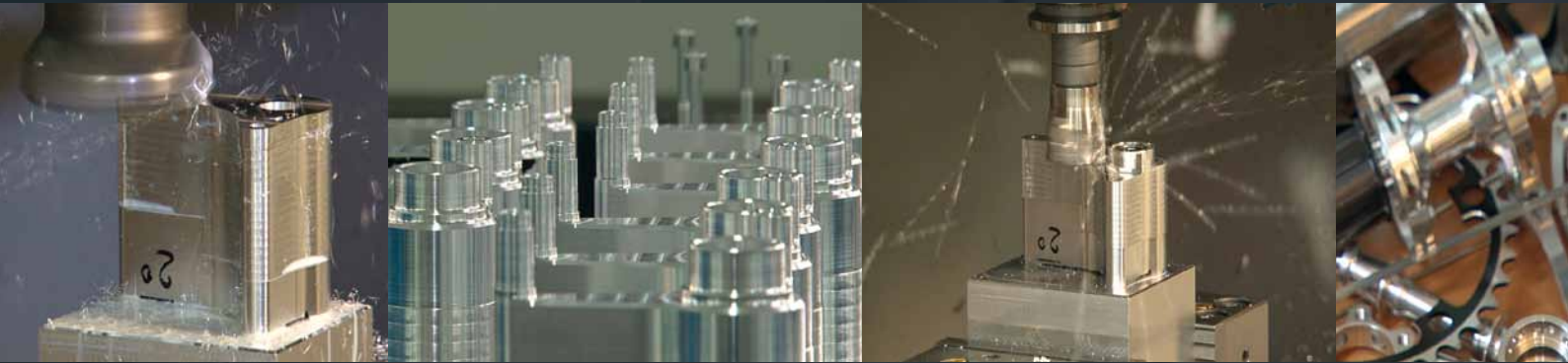
- Ionic and gas Nitriding
- Nipre
- Cementation and quench-hardening
- Quench-hardening

## Sectors

TOR-MEC designs, engineers and manufactures customised products for the following sectors:

- Automobile
- Compressed Air
- Electrical
- Sport
- Plumbing
- Hobbies
- Household Goods
- Bicycles And Motorbikes
- Electrical Engineering
- Electronics
- Shipbuilding
- Telecommunications
- Food
- Goldsmithing
- Packaging
- Industrial Automation
- Biomedical
- Bioenergy
- Glassmaking
- Aerospace





## Machining

TOR-MEC specialises in C.N.C. machining. It takes orders that range in size from single items to medium production runs of quality-controlled products. Quality is assured throughout all production processes. We offer our customers a finished product of guaranteed high quality.

**HIGH QUALITY  
3D PROCESSING  
INDUSTRIAL AUTOMATION  
INDUSTRIAL MACHINES  
PROTOTYPES**





## Raw Materials

We use the following raw materials:

- Alloys and super alloys**
- Stainless steel**
- Alloy steels**
- Free-cutting steels**
- Aluminium alloys**
- Titanium**
- Brass and bronze**
- All polymers (PTFE/PET/POM etc.)**





## **TOR-MEC**

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