

ART
MECCANICA

PRECISION
MACHINING

COMPANY
PROFILE

IDEAS

PARTS

MADE IN ITALY






ART MECCANICA SRL
Via S. Allende, 111/113
41122 Modena
Ph. +39 059/250306
Fax +39 059/253831
C.F e P.IVA 03073740361
www.artmeccanica.com



**Precision
machining**



OUR HISTORY

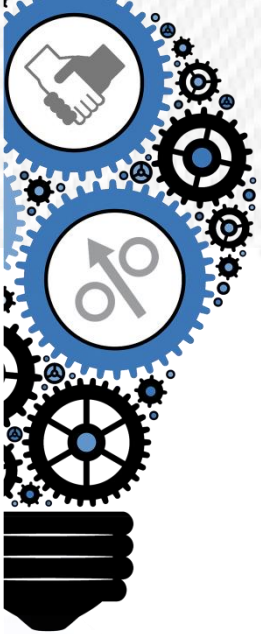
 **ART**
MECCANICA was founded by the entrepreneur Giulio Artiola in Modena in 1969.

Since its creation the company has been specialized in precision machining using traditional and numerical control machines and quality control tools.

Since 2001 Alberto and Tania have supported their father Giulio Artiola in the leadership of the company, where there are about 20 skilled technicians.

Nowadays ART Meccanica provides the engineering industry a complete range of technical solutions.





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THE EVOLUTION OF ART MECCANICA

«If we don't change, we don't grow. If we don't grow, we aren't really living».
Gail Sheehy



ART Meccanica is a *dynamic* reality that considers experience and innovation sources of growing.

Every department has seen a *development process* evolution.

Thanks to these changings, nowadays the company has developed new technologies regarding production techniques, management, analysis and check-ups of every process.

The team pays attention to the products quality, customer needs and the growth of internal and external resources.



... TOWARDS NEW GOALS

Quality Control

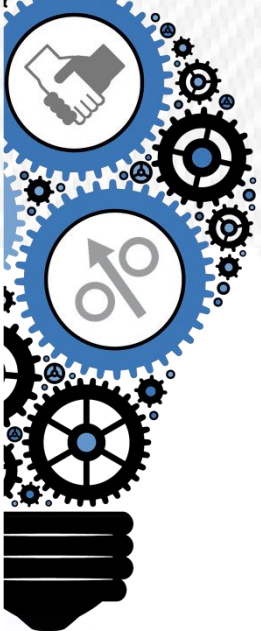
Creation of a second metrological room equipped with high precision technologies such as a new coordinate measuring machine **Zeiss Accura II** with CMM Touch probe 3D/VAST.

Traceability

Enhanced with the introduction of a **laser marker** with 30W fibrate laser.
Each product is traceable with reference to the production batch.

Cleanliness of parts

Introduction of a **washing machine with ultrasonic technology** that reduce the presence of contamination of the products.
The wash cycle also provides the use of natural agents, no-chemical.



OUR MARKETS



produces for highly diversified markets:

- Hydraulics
- Transmissions
- Energy
- Transports
- Ultralight aircrafts
- Automatic machines

We produce from prototype to medium series.
From **1** to **20.000** pieces per year.
Diameter from **10** to **1.000** mm for a lenght up to **2** meters and a maximum of **1.000** mm cube.

Ø 10mm









Ø 1.000mm









OUR ACTIVITIES



In-house activities:

-  Cad 2D/3D Design
-  Turning CNC
-  Milling CNC
-  Gearing
-  Grinding
-  Lapping
-  Washing
-  Internal metrological laboratories

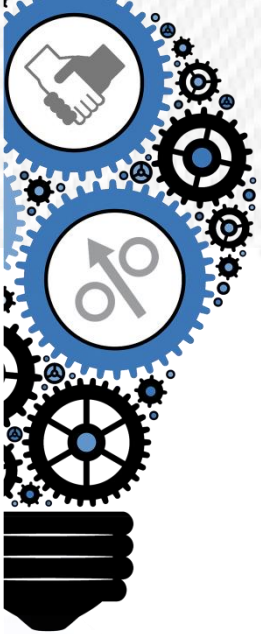
Network activities and supply chain:

-  Design
-  Rapid prototyping
-  Machining specialist (gearing, grinding)
-  Heat and surface treatments
-  Steel working and welding
-  Working of metal sheet

At least 2 approved suppliers for each network activity.

Updated equipment list is available on: www.artmeccanica.com





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QUALITY

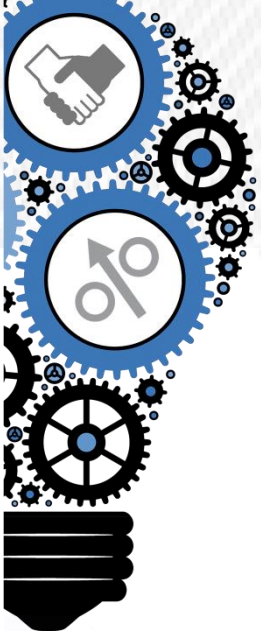


UNI EN ISO 9001:2008
Reg. No: 3872-A

Customer needs and the required standards represent the basis of each process and business decision.

Since 2003 the Quality Management System has received by Kiwa Cermet the certification **UNI EN ISO 9001:2008** for the following products-services:

- Design and production of parts and precision mechanical equipments.
- Manufacture and assembly of precision mechanical parts and structural metalwork based on customer's specification.



QUALITY CONTROL



Carried out internally:

- Dimensional
- Geometric
- Surfaces
- Hardness

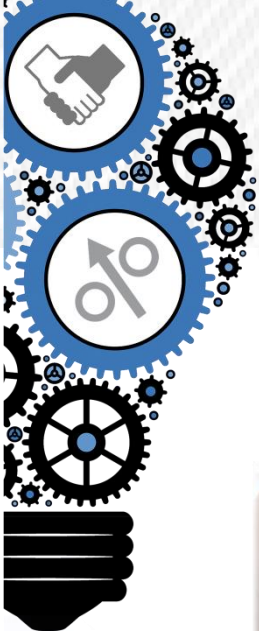
Carried out in laboratories:

- Dimensional
- Chemical analysis
- Liquid penetrant
- Destructive test
- Contamination test

Process analysis (on demand):

- PFMEA
- Process Flow
- C-Plan
- P-Capability – MSA

In **2014**: recorded more than 3.000 control activities.



OUR SERVICES



ART MECCANICA cares about its customer needs and thus can adapt its products and services to the most various requirements.

Pre-sales & analysis:

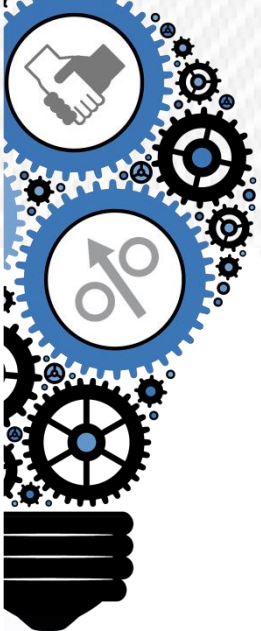
- Co-design product
- Value analysis
- Feasibility analysis
- PFMEA

Terms of sale:

- Management to supply orders (Closed, JIT, Kanban, etc.)
- Delivery directly on the assembly line
- 90% of our products delivered in free-pass to our clients

Post-sales & warranties:

- Traceability production batch
- Insurance product
- 2-years warranty
- Organizational System in accordance with D. Lgs. 231/01



THE RELIABILITY OF ART: our results

2013

- **167.000:** number of pieces delivered in 2013
- **80:** average number of parts for delivery
- **680:** number of different products
- **0,18%** (1.800 PPM): average percentage of defective products
- **Over 97,8%:** average punctuality of on time deliveries

2014

- **175.000:** number of pieces delivered in 2014
- **105:** average number of parts for delivery
- **705:** number of different products
- **0,12%** (1.200 PPM): average percentage of defective products
- **Over 98,2%:** average punctuality of on time deliveries

Average OEE rate in 2014: 77%



Since 2007 ART Meccanica has been a partner of



Partners:



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