



Defense



Oil Gas



Aerospace



Our Story

Founded in 1992, Meccanotecnica Rieti was established by Rocco Lo Stimolo in hopes of addressing the technical needs brought on by the petrochemical boom going on at the time, specifically in regards to replacing and maintaining critical parts for the companies involved.

However, after the ENICHEM crisis in Sicily, management decided to differentiate the production to supply other fields.

In 2000, MR-XPM began to diversify with a substantial investment in machinery to meet the needs and complex requirements of precision manufacturing.

We have the latest technology and machinery which allows us to process a wide range of materials to fit our customer's demands.

Created on the principles of innovation, value, and quality, MR-XPM has become extremely competitive in the fields of energy, aerospace, defense, military, research, and offshore production.

Our company, which operates both internationally and nationally, has been able to differentiate through the quality of the products. Continuous attention to detail is something that has been critical to MRXPM since its founding and has continued to remain a crucial aspect of who we are as a company today.

These days, Rocco Lo Stimolo, the founder, can still be found working at Meccanotecnica alongside his two sons, Angelo and Giovanni, and daughter, Ester.

His daughter in law, Rosy Trovato, has also become intertwined in the family business and is a vital component to its current success.

MR-XPM values their qualified staff, who are dedicated to ensuring that the company continues to expand its international presence and remains a model for Italian machining.

Who We Are

For over twenty years, Meccanotecnica Riese s.r.l. has been perfecting its manufacturing technique to deliver the high quality components and spare parts your products deserve. Our high precision machines are capable of producing a wide array of designs and we take pride in our standard to exceed expectations.

Since the very beginning, our company has operated both internationally and domestically. The factory is located near the south Riese exit on the Caltanissetta-Gela motorway and in the heart of one of the most industrial centers of Italy. Equipped with modern machinery, five-axes work centers, high technology CNC lathes, and grinding machines, MR-XPM is prepared to manufacture components according to your specifications. We have years of experience in fields such as aerospace, defense, oil, and gas. When we receive a request, we immediately begin to conceptualize and draft designs quickly and rapidly in both 2D and 3D forms, allowing our customers to easily visualize the product. From there, our designs are sent to our state-of-the-art machine shop to be carefully analyzed and manufactured.

Our production system undergoes stringent quality controls.

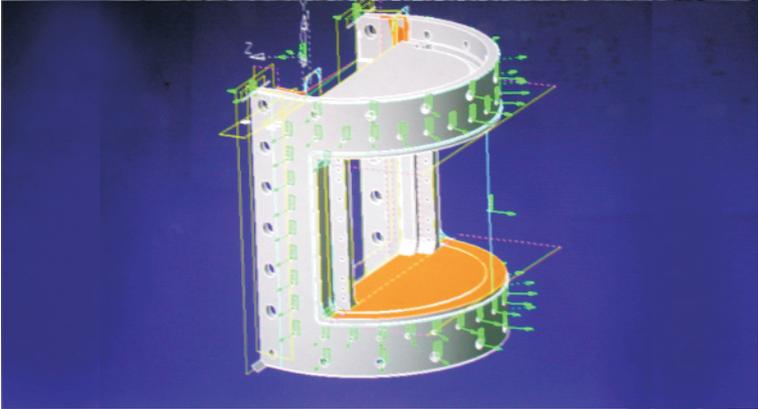
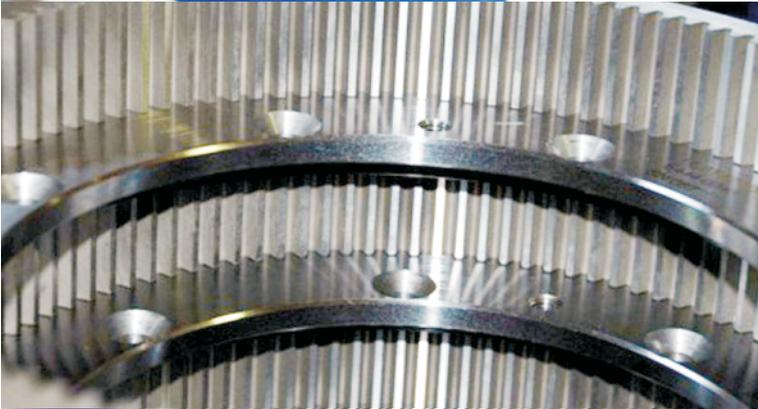
MR-XPM's dedication to quality encourages us to test for resilience, toughness, roughness, and even hardness. Additionally, our quality system is ISO 9001: 2008 and AS9100: 2009 certified. Meccanotecnica is the ideal choice for making your next project come to life.

Through our vast web of connections and varied machinery, we can provide services our competitors can't.

Further adding to the convenience of our services, our factory is able to adjust work shifts and schedules to meet your requirements.

Make Meccanotecnica a part of your next mission. Contact us today!





Other Services:

Quality Control

- MITUTOYO APEX QUICK VISION PRO II 3-axis CNC vision measuring machine (VMM) for finished parts up to 300 x 200 x 200 mm and 20 kg (11.8 x 7.9 x 7.9 in and 44 lbs).
- POLI HEXAGON 3-axis CNC coordinate measuring machine with Heidenhain measurements for finished parts up to 650 x 500 x 500 mm (25.6 x 19.7 x 19.7 in).
- Meccanotecnica also employs a wide range of standard measuring equipment such as microscopes, micrometers, and more to guarantee quality.

Special Equipment

- CAMS Ec601 vertical NC slotting machine and keyway cutter.
- ROLLWASCH circular vibratory finishing machine.
- THERMCONCEPT KM 225/13 chamber furnace with 600 x 750 x 500 mm capacity (23.6 x 29.5 x 19.7 in) and max. temp. 1280 °C or 2336 °F (in addition to several smaller furnaces).
- VOLLMER CX 100 saw-tooth grinder, for cutting teeth into saw-blade blanks up to 500 mm in diameter (19.7 in).

CAD CAM

- MR-XPM uses CAD/CAM to ensure that the design and manufacturing process is highly integrated. This provides visual illustrations of our designs that can be easily altered in order to suit the customer's exact needs.

Marking

- Each of our completed products go through a stringent process of marking, either through laser or stamping, prior to a thorough inspection to ensure that each product matches all qualifications before being sent to the client.

Packing

- We take extreme care with our packaging; always using vacuum sealing and other high quality materials for deliveries. We can ensure you a secure delivery and that the quality will be maintained throughout the process.

What People are Saying About Us...

“The quality, according to everybody, is top class. Despite the possibility of problems due to the international nature of this product, the Auger Observatory and Meccanotecnica have worked together perfectly.

Meccanotecnica is a jewel.

You already have the machine, the software, the program...you save us money. You know exactly what we need.”

- Professor Antonio Insolia - **Italian Institute of Nuclear Physics** (INFN) Catania

“Since NLI started to do business with MR-XPM in 2008, we have been impressed by MR-XPM's capability to meet our high standards on quality, prices, and strict delivery schedules.

In that respect, MR-XPM is a preferred supplier for NLI on machining.”

-Per Solli - **NLI**

“We went over and visited their facility where we found very high grade machinery and one of the best plants I've ever seen.”

-Don Massa - President of **Massa Corporation**

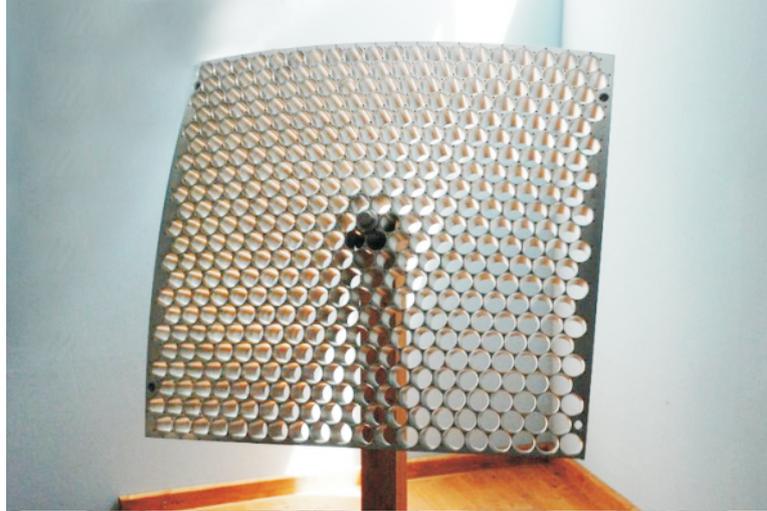
“During my 20 years in the subsea, offshore business, I have cooperated with a lot of sub-suppliers for all types of disciplines.

Meccanotecnica Riesi is overall one of the best. They are outstanding when it comes to serviceability.

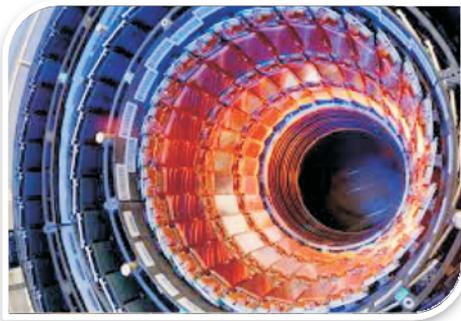
They are easy to work with and they always do what is needed and more to meet the client's expectations.

My experience is that the quality of work, documentation, and OTD (On-Time Delivery) is very good. They are highly recommended. “

-Leif Hunskaar - **FMC Technologies**



Just a few of our contributions...



We worked on creating high precision plates for the famous Large Hadron Collider in **Geneva**, Switzerland.

Meccanotecnica also partnered with the Pierre Auger Cosmic Ray Observatory in Malargüe, Argentina to create twenty seven paraboloids for tracking high energy particles.



The Embry Riddle Aeronautical University in Daytona Beach, Florida coordinated with Meccanotecnica to create a chamber liner and methane manifold for a cryogenic liquid rocket.

In the oil and gas industry, we have worked with Norwegian companies like **NLI** and **TECHNI** to produce an assortment of latches and clamps to assist extraction in subsea flow lines.



In regards to the defense industry, Meccanotecnica has partnered with both **MASSA Products Corporation** and **Ultra Electronics Ocean Systems** for the construction of various critical components.

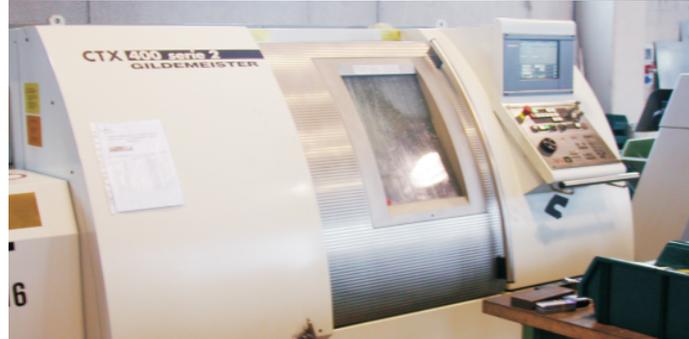
Additionally, MR-XPM is involved with a number of different universities and research Institutes, including **Northeastern University, Babson College, MIT**, and the **I.N.G.V.** These collaborations include everything from research to internships to even contributing with large projects.



CNC WorkCenter					
Machine	Axes	Control Scheme	Max. Workpiece Dimension	Max. Workpiece Load	Max. Spindle Speed
DOOSAN VCF850LSR	5	iTNC-530 HSCI	3000 x 850 x 800 mm 118.1 x 33.5 x 31.5 in	2500 kg 5511 lb	12000 rpm
DECKEL MAHO 1035 V eco	4	Heidenhain CNC	1035 x 560 x 510 mm 40 x 22 x 20 in	1000 kg 2200 lb	8000 rpm
DECKEL MAHO 125 P hi-dyn	5	Heidenhain CNC	1250 x 880 x 800 mm 49 x 34 x 31 in	1000 kg 2200 lb	10000 rpm
DECKEL MAHO 63 V	3	Heidenhain CNC	630 x 500 x 500 mm 25 x 19 x 19 in	500 kg 1100 lb	8000 rpm
DECKEL MAHO DMU 50 eVo LINEAR	5	Heidenhain CNC	500 x 450 x 400 mm 19 x 17 x 15 in	200 kg 440 lb	18000 rpm
DECKEL MAHO DMU 60 P	5	Heidenhain CNC	600 x 700 x 600 mm 23 x 27 x 23 in	600 kg 1300 lb	12000 rpm
MAZAK VTC200-B2	4	Mazatrol	1035 x 560 x 510 mm 40 x 22 x 20 in	1000 kg 2200 lb	12000 rpm
RIGIVA RS 80	3	Selca CNC	600 x 500 x 400 mm 23 x 19 x 15 in	500 kg 1100 lb	3200 rpm
RIGIVA RS 80	3	Selca CNC	600 x 500 x 400 mm 23 x 19 x 15 in	500 kg 1100 lb	3200 rpm

CNC Lathes					
Machine	Axes	Control Scheme	Max. Workpiece Dimension	Max. Workpiece Load	Max. Spindle Speed
BIGLIA B 1200 M	2	Fanuc CNC	490 mm 19 in	1315 mm 51.5 in	2800 rpm
GILDEMEISTER CTX 400 Serie 2	2	Heidenhain CNC	420 mm 16.5 in	635 mm 25 in	5000 rpm
GILDEMEISTER CTX 400 Serie 2	2	Fanuc CNC	420 mm 16.5 in	635 mm 25 in	5000 rpm
GILDEMEISTER GRAZIANO CTX 310	3	Heidenhain CNC	330 mm 13 in	450 mm 17.5 in	5000 rpm

Grinders					
Machine	Type	Axes	Control Scheme	Max. Workpiece Dimension	
ROSA ERMANDO IRON	Surface	2	Siemens CNC	650 x 630 mm (ground face) 25.5 x 24.5 in (ground face) 480 mm height (up to 680 mm possible) 18.5 in height (up to 26.5 in possible)	
TACHELLA ELEKTRA EVO PLUS 1018 CNC	Cylindrical	3	Fanuc CNC	350 mm diam. and 1000 mm length 13.5 in diam. and 39 in length	
EWAG EWAMATIC 106	Cylindrical	6	NUM 1060 CNC	250 mm diam. and 230 mm length 9.8 in diam. and 9 in length	
SCHNEEBERGER ARIES	Cylindrical	5	Fanuc CNC	400 mm diam. and 400 mm length 15.5 in diam. and 15.5 in length	
SCHNEEBERGER SIRIUS	Cylindrical	5	Fanuc CNC	400 mm diam. and 350 mm length 15.5 in diam. and 13.5 in length	



Quality Innovative Affordable Reputable
 Ability Competitive Flexible Excellent Service
 Trustworthy Precise Friendly Attention
 Technical Expertise Customer Focus Reliable
 Available Personal Service Punctual.

UNAVIA
 CERTIFICAZIONE

CERTIFICATO DI APPROVAZIONE
 CERTIFICATE OF APPROVAL

Si dichiara che il sistema di gestione per la Qualità dell'Organizzazione:
 We certify that the Quality Management System of the Organization:

Reg. No: 00200 - N

Indirizzo/Address:
 Via Contrada Margio, sn - Zona Industriale
 93016 Riesi CL Italia

Struttura di certificazione/Certification Structure: Single Site

MECCANOTECNICA
RIESI S.r.l.

È stato valutato in accordo ai requisiti della norma EN 9104-001:2013 e del Regolamento Tecnico Accredito RT 18
 Has been audited in accordance with EN 9104-001:2013 standard and ACCREDIA Technical Regulation RT-18 requirements.
 Ed è conforme ai requisiti delle seguenti Norme per la Gestione del Sistema Qualità
 And it is in accordance to the following Quality Management System Standards:

UNI EN 9100:2009 / EN 9100:2009
UNI EN ISO 9001:2008 / ISO 9001:2008

Scopo/Scope:
Produzione di attrezzature speciali, componenti meccanici e parti di ricambio per il settore Petrochimico, Offshore e Difesa.
 Manufacturing of special equipment, mechanical components and spare parts for Oil & Gas, Offshore and Defense sector.

EA: 21, 17, 18

Il mantenimento della certificazione è soggetto a sorveglianza annuale e subordinato al rispetto dei requisiti essenziali UNAVIAcert.
 Maintenance of this certificate is subject to annual audits and dependent upon the observance of UNAVIAcert essential requirements.
 Riferirsi al Manuale della Qualità per i dettagli delle eventuali esclusioni ai requisiti delle norme sopra indicate.
 Refer to the Quality Manual for details on the any exclusions of the requirements of the above mentioned standards.

La data di rilascio di questo certificato corrisponde alla data di primo rilascio da parte di altro Ente accreditato.
 The date of issuance of this certificate is the date of first issuing by another accredited body.

Rilascio certificato/Certificate issuance: 2009-07-29
 Ultima modifica/Last modification: 2014-06-03
 Prossimo rinnovo/Following renewal: 2015-07-29

Direttore Generale
 General Manager:
Giampiero Belcredi

member of group
kiwa
 Partner for progress

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 SQS N°224 A
 Istituto degli Azionisti di Mutua Assicurazioni I.A. IAF e I.A.C.

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