

# OMS

PRECISION MECHANICS SINCE 1982



## DEFENCE SECTOR



English Version

## *Introduction*

*O.M.S. S.r.l. has been manufacturing high-precision mechanical commodities on commission for more than thirty years.*

*Since it first appeared on the market to supply parts to defence companies, it has over the years acquired excellent production capacity by diversifying into a number of product sectors, ranging from manufactured products for defence to launch vehicles.*

*Currently, its main customers are AVIO SPA, the national research centre CNR and the multinational ABB spa.*

*The company also has thirty years of experience in the field of ammunition, having long collaborated with SNIA BPD, BPD DIFESA SPAZIO and Simmel Difesa*

*O.M.S. is authorised to manufacture, possess and sell materials to arm and equip national and foreign Armed Forces in line with article 28.*

## **PRODUCTION SITE**

*Via Carpinetana sud km 6.200 – 00037 Segni (Rm)*



The production site consists of an internal surface area of 1,400 square metres and a work area of 3,000 square metres

The operating unit consists of:

- 1 Plant manager
- 1 Turning department manager
- 1 Milling department manager
- 4 CNC machine handling technicians
- 10 CNC machine handling operators
- 1 RSQ
- 2 Testers
- 1 Head of logistics
- 4 assistants for secretarial and planning work

## *Defence sector*

- *We took part in the prototype stage of the ASTER 30 programme and are currently suppliers of components for DOME and MOTORE;*



- *For the IRIS-T programme, we developed and implemented components for Simmel Difesa's engine ignition, both in prototype form and in its final configuration;*



- *In the past, on behalf of Simmel Difesa and BPD Difesa, we manufactured and supplied various components for the munitions and rocket sector.  
Some of them are mentioned below:*

*Missile 40/70 PFF*



*Missile 106 SR*



*81 mm and 120 mm vanes*



*Various ignition blowpipes*



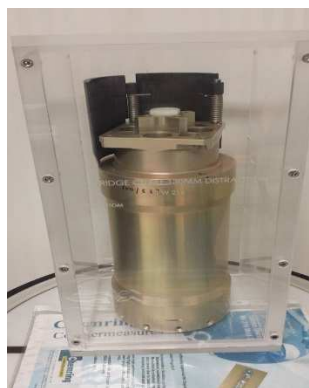
*81 mm and 50 mm rocket engine pipes and vanes*



*Various components for the Firos 30 rocket*



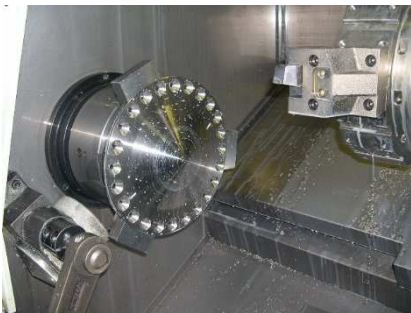
- *On behalf of Avio SpA, we developed and supplied the engine for the PW216 rocket*



## ***Services Provided***

*The company's production activity is made up of high-precision mechanical manufactured goods for supply and manufacturing purposes.*

*The workshop handles the following work:*



- **Milling**
- **Turning**
- **Drilling**
- **Adjustment**
- **Fitting**
- **Tooththing**

*We also offer the option of fully managing the entire manufacturing process of a product from its design stage, starting from a project on paper, a piece or sample, up to the mechanical implementation of the various components of the part and the internal creation of a pre-series:*

*Our main processes and services are:*

- ***Simultaneous engineering:***
  - *Advice on product design*
  - *Outsourcing service*
  - *Reverse engineering*
  - *Reengineering*
  - *Development of pieces.*
  - *Optimisation of materials.*
  - *Projects.*
- ***Mechanical Processing***
  - *Set-up of production cycles*
  - *Creation of medium to large series*



## ***PRODUCT CERTIFICATION***



*The company has a constant temperature metrology lab and a workshop testing room.*

*The quality of our products is ensured by a scrupulous first-on-board machine control and then through systematic methods and procedures with the help of a three-dimensional measuring system.*

*All control equipment is subject to periodic calibration and certification by appointed bodies.*

*The company has a quality certification system in accordance with the European directive **UNI EN ISO 9001: 2008** and is subject to a control inspection every year by the appointed body.*

*Each product is carefully checked and a dimensional report is drawn up to confirm its validity.*

*In addition, we have a **UNI EN ISO 14001: 2004** certification to improve environmental impact and performance within our company*

*We will soon be introducing our own quality system by certifying ourselves for the **UNI EN 9100***

***Particular attention is paid to product traceability through a scrupulous internal and external control of all processes with our suppliers.***





*The company has sound experience in aeronautical material processing such as:*

- 1. Titanium*
- 2. Inconel 718*
- 3. 17-4-PH and 15-5-PH*
- 4. Custom 450 US Alloy*
- 5. Molybdenum*
- 6. Tungsten*
- 7. Aluminium Alloys, Avional, Non-Corrosive, Ergal*
- 8. Quenched and tempered steels*
- 9. Austenitic and martensitic stainless steel*
- 10. Incoloy a286*
- 11. Graphite*

## Contact us

- **Phone**

Telephone: 069703577  
Fax: 069703344

- **Secretary**

Info  
segreteria@officineoms.com

- **Logistics**

Sabrina Mastronardi  
Sabrina.mastronardi@officineoms.com

- **Administration**

Francesca Peruzzi  
francesca.peruzzi@officineoms.com

- **Management**

Marco Peruzzi  
marco.peruzzi@officineoms.com

- **Purchasing Department**

Walter Peruzzi  
postmaster@officineoms.com

- **Technical Office**

ufficiotecnico@officineoms.com

- **Quality Department**

Gino Carini  
qualita@officineoms.com

Claudio Maciocia  
claudio.maciocia@officineoms.com

- **P.E.C.**

segreteria@pec.officineoms.com

