

**OMPECO**

WE DO NOT INHERIT  
THE EARTH FROM  
OUR ANCESTORS, WE  
BORROW IT  
FROM OUR CHILDREN.

**NATIVE AMERICAN PROVERB**



## INTRODUCTION

Officine Meccaniche Pejrani srl (OMP) was founded in 1973. The core business of OMP was design and construction of sheet metal parts, in the industrial and agricultural vehicles market. The global interest in eco-friendly projects has lead Officine Meccaniche Pejrani to expand its business into the research and development of new technologies related to pollution control.

In 2001 the environmental division of Officine Meccaniche Pejrani: OMPeco was created to meet this demand. In the same year OMPeco has patented and industrialized the Converter process.

Therefore OMPeco's products are created not only with the purpose of treating waste without emissions as well as improving the entire logistics chain in terms of emissions reduction.

**This process has revolutionized the traditional approach in waste treatment, permitting the elimination of waste on the site.**

**IN 2008 WE LAUNCHED  
CONVERTER®  
TECHNOLOGY TO PRODUCE SAFE  
AND QUALITY RDF FROM ANY KIND  
OF WASTE**



We have sold our Converter® worldwide fulfilling the most complex requirements.

**In 2014 OMPeco has become OMPECO S.r.l.**

DESIGN AND DEVELOP  
**WASTE TREATMENT  
DEVICES** PROVIDED  
ALL OVER THE WORLD  
FROM 2008, IN CIVIL AND  
MILITARY SECTOR

## COMPANY INFORMATION



Company name: OMPECO SRL  
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# TREATING WASTE CONVERTING IT INTO RDF - REFUSE DERIVED FUEL

## TECHNOLOGY, PRODUCTS AND SERVICES

The Converter technology is based on the principle of mechanical to thermal energy transformation, hence the machines can reach an optimal sterilization temperature of 150°C, without high pressure.

Converter does not create any type of pollution, including waste waters or harmful vapors in the environment.



### NO POLLUTANT EMISSIONS

Liquids present in the waste are separated and condensed



### SAFE STOCK

No dust, no odor  
No fermentation



### VOLUME REDUCTION

Up to 80%



**CONVERTER IS A PATENTED ECO-FRIENDLY METHOD  
OF TREATING WASTE CONVERTING IT INTO  
RDF - REFUSE DERIVED FUEL.**

**ITS WORKING PRINCIPLE DOESN'T USE CHEMICALS,  
NO COMBUSTION, NO MICROWAVE, NO PRESSURE AND  
NO EMISSIONS. MANY INDEPENDENT SCIENTIFIC INSTITUTIONS  
AND LABORATORIES HAVE PROVED THE EFFICACY OF THIS  
INNOVATIVE TREATMENT.**

# THE CONVERTER TECHNOLOGY HAS VARIOUS APPLICATIONS:

## H SERIES CONVERTERS



HOSPITALS  
LABS  
CLINICS  
TREATMENT CENTERS

## MO SERIES CONVERTERS



MUNICIPALITY  
TREATMENT CENTERS  
AIRPORTS  
PORTS  
HOTELS  
RESTAURANTS

## NV SERIES CONVERTERS



WATERCRAFT  
YACHTS  
CRUISE SHIPS  
MILITARY SHIPS  
OFFSHORE PLATFORMS

## AV SERIES CONVERTERS



AIRPORTS  
CUSTOMS  
PORTS

## MOB SERIES CONVERTERS



MILITARY CAMPS  
REFUGEE CAMPS



## TREATMENT PLANTS

OMPECO also develops turnkey waste treatment plants, which implement Converters.

The plants of OMPECO receive, manage and transform mixed waste within a single plant of limited size in a clean, odorless and silent environment, being compatible with the City plants, drastically reducing waste transportation costs.

The incoming waste can be of any undifferentiated, mixed, variable in size, moisture content, including biological hazardous waste.

Three valuable products, in large quantities and with considerable commercial value, derive from the plants:

- a refuse-derived fuel (RDF), stable and odorless, which can be sold to energy producers;
- ferrous metals (Fe), aluminum (Al) and glass (Gl), which can be sold as recycled by-products;
- purified water (H<sub>2</sub>O) at 60°C, with high energy contents, which can be easily recovered.

# QUALITY

The OMPECO Ltd. which owns an international patent is identified in a series of regulations and guidelines developed by the International Organization for Standardization (ISO), which defines the requirements for the construction, quality system management, business processes, implementation processes and customer satisfaction approaches.

OMPECO is **ISO 9001: 2008** - Quality Management Systems accredited



OMPECO also has obtained a NATO code for its production machinery.

The NATO Codification System is a Standardization Agreement approach to identify, classify and number items of supply and assign an NSN (NATO Stock Number) to each item of supply. For these reasons, the NCS system was unanimously accepted and adopted by all nations that signed the Treaty of the Atlantic Alliance.

It is based on the principle <one item - one number>, as an NSN identifies one and only item of supply. By doing so, one avoids logistics duplication and the following results are obtained: consolidated supplies; effective use of stockpiles and their eventual reuse within interforce; use of obsolete parts and / or of those no longer in use on systems still online, may be those provided by other Armed Forces (AF).

OMPECO Ltd is NATO: **NCAGE CODE:AH649** certified.



Moreover, The OMPECO possesses a RINA code. This certification is performed by an independent third party as assurance of compliance of management system relating to a product or service requirements as defined by regulatory reference standards.

The certification has enabled OMPECO address its target market with high quality standards, which ensure quality, sustainability and efficiency in the management and production processes, in the administration of personnel and environmental protection processes.

Certifying compliance with the international standards, RINA SERVICES helps organizations protect themselves from the unskilled competition and gives the consumer the opportunity to guide their purchasing decisions based on objective parameters.

RINA Test Certificate: **N.2011/TO/01/97**



# CONVERTER IN THE WORLD

- Our **brokers** are present worldwide
- Several local **distributors** operate exclusively on their territories
- Among our clients there are the 5 most important NATO **Navies** and manufactures of **luxury Yachts** over 60 m.

# KONW HOW

OMPECO enjoys a vast and solid experience of over 40 years due to the great entrepreneurial tradition built upon by past and present management.

Also as a direct manufacturer of its products OMPECO follows its products from design to installation which ensures the manufacturing guarantee offered to its clients with a genuine "Made in Italy" trade mark.

The company also offers support activities to its customers in forms of consulting, maintenance and after-sales service.

With the experience accumulated over time, and with the complete formation of its Technical and Commercial staff, the OMPECO was able to study a high-tech product that reflects the current market demands.

The increasingly strong attention to ecology and the problems of pollution have led OMPECO to improve the Converter in order to reduce emissions, increase energy recovery and reduce water consumption. All assets of great value.





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