



Mozzanica **is**

FIRE FIGHTING
SOLUTIONS



Mozzanica experience

More than 30 years of experience
Dedicated to fire protection

Driven by their passion, it was 1987 when the Mozzanica brothers initially founded Mozzanica&Mozzanica as a small artisan business, a dynamic and reliable company right from the outset.

The early years were characterised by rapid growth, no doubt thanks to the company's ongoing commitment and collaborations meticulously woven with both small partner companies and multinational corporations such as Wormald Italia, Incom Brandschutz and CEA Estintori.

The trust of these partners was won by combining craftsmanship with a rigorous methodological approach. It was this distinctive trait that allowed

Mozzanica&Mozzanica to be able to manage the **most innovative plant typologies** for the times and to be accredited with a clientèle that demanded **high standards of quality and safety**.

In a virtuous cycle, it was these same customers who inspired Mozzanica&Mozzanica to structure and equip itself with the most advanced management tools for all of its activities, from design through to servicing.



The **company's adherence to UMAN**, the Confindustria association that brings together producers of fire protection materials, was therefore a natural consequence; **Natale Mozzanica's** appointment as president for two

- Year of Founding
- First office in Olgiate Molgora (LC)

1987

- Office transferred to Calco (LC)
- Partnership with Wormald, Incom Brandschutz and CEA Estintori

1992

- Conversion to Srl

2002

- Adhesion to UMAN

2006

- Digitalisation of Service
- Creation of customer web portal

2008



terms, followed by a third term as past president, was the valuable recognition of a career dedicated to fire protection.

His commitment to the association and **representation of the category** before the most senior figures of the National Fire Brigade and Ministries on the matter of fire safety, was made possible thanks to the support of a consolidated group of managers.

The same managerial group that helped conquer a considerable share of the **land-based industrial fire protection** market, and allowed expansion into the **marine fire protection sector**.

Internationalisation and research - from the digitalisation of system management through to the development of technologically advanced systems patented by Mozzanica & Mozzanica - are the main frontiers on which the company works today.



**Fire protection systems
for land-based applications**



**Fire protection systems
for marine applications**



Service and Maintenance

- Opening of office in Abbiategrasso (MI)
- ISO 9001 Certification

2013

- Opening of Marine Division
- Opening of office in Florida (USA)

2014

- Natale Mozzanica President of UMAN
- ICIM Certification

2015

- Natale Mozzanica Re-appointed President of UMAN
- Digital technologies for advanced maintenance

2017

- Office transferred to Osnago (LC)
- Second generation Mozzanica joins the company

2019



Mozzanica worldwide

Italian-made professionalism
in international markets

Mozzanica USA represents the bridgehead of Italian-made professional fire protection in the United States. Located in the heart of the US (and worldwide) cruise industry, from our office in Florida we manage servicing and logistics for the Americas in support of the Mozzanica marine team.

USA

West Palm Beach (Florida)



Warehouse



Mobile
equipment



Marine team



Fire-fighting
materials



Our engineering capacity is managed by the parent company.

Commercial, logistics and servicing aspects are managed from Italy.

The **headquarters** in Osnago houses the **control room** used to monitor systems by remote, and the multimedia **training room**, where training events and conferences are held.

The **"self-contained" lab** – which works in conjunction with the US lab – and also the **"electric" lab**, ensure the servicing of the technological systems that support the solutions designed and installed by Mozzanica.

European purchasing and logistics are also managed from Italy thanks to our ability to supply customers with spare parts and fire-fighting materials, and also thanks to the refill lines for powder and CO2 extinguishers.



Sales
department



Technical
department



Service team



Training room



Warehouse



Workshop



Mozzanica teamwork

Global vision and
collective responsibility

A team is different to a **good team**.
Professionalism and skills are
essential, no doubt, but curiosity, trust,
sharing, perseverance is what makes
the difference.

We don't want human resources but
"humans with resources"; transparency
and proactiveness, the **ability to**

analyse and adapt, **attention to detail**
and a global vision, but above all
collective responsibility when making
choices. Each person has a role, based
on their characteristics, which they
must play for the team.
From "me" to "us", from "quantity" to
"quality".

3/5

Years of training



Maintenance

+150

Service callouts/year



Marine team

+200

Service callouts/month
for systems and
equipment



Planner

+30k

Hours/project



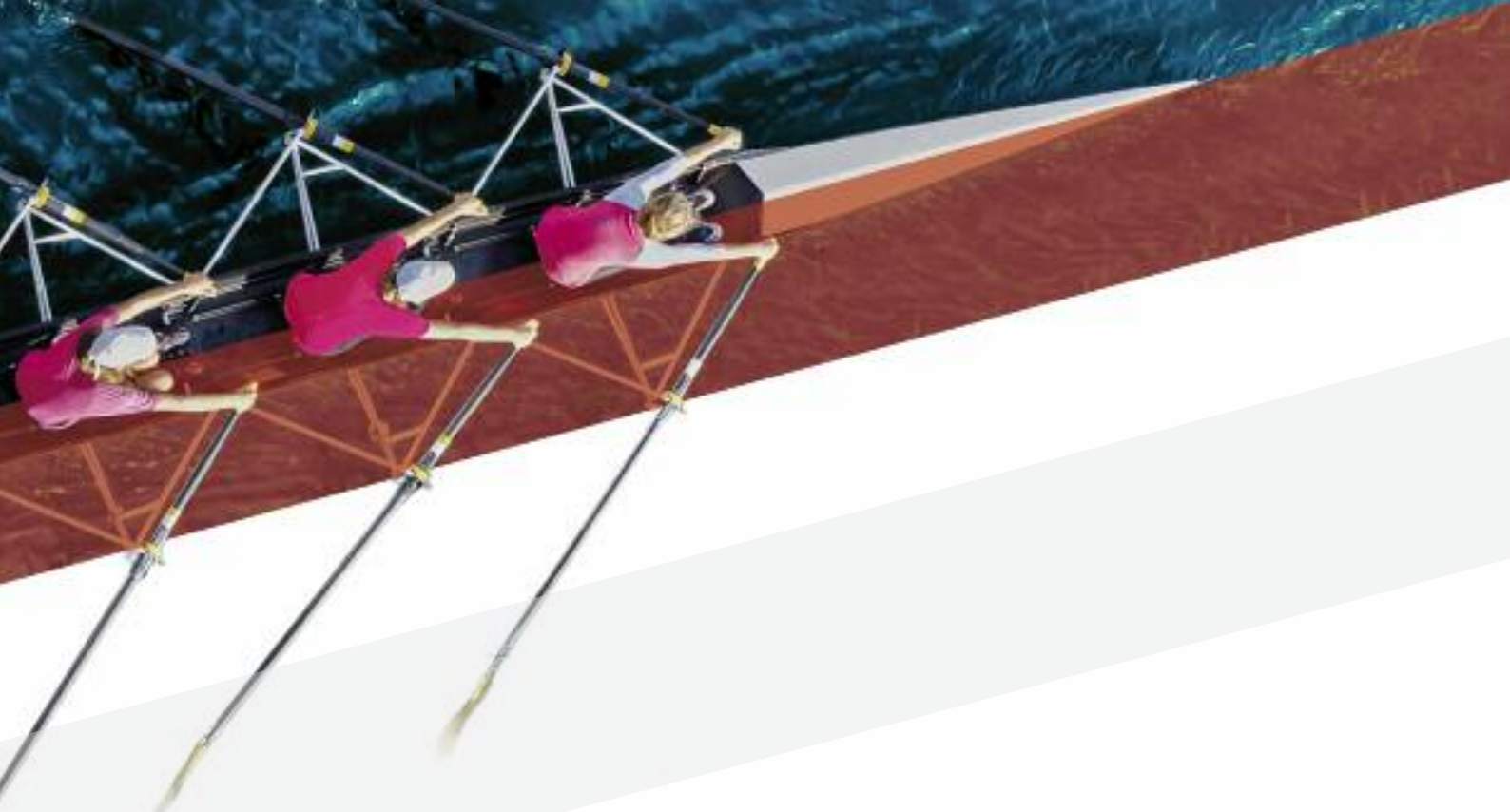
Project Manager

+1000

Customers managed



Sales



Ongoing staff training

We recruit the **best professionals**, run **training courses** and work in accordance with stringent **national and international standards**, verified by prestigious third-party bodies

+1000

hours/year of staff training

+900

Offers/year



Proposal

+13.5k

Accounting records/year



Administration

+7

Certifications



Quality & Safety

+400

Suppliers managed



Purchase

+1k

Hours/month of digital transformation projects



ICT Department

is Mozzanica know-how

Fire protection systems for industrial applications

We design, manufacture and service fire protection systems, according to UNI, N.F.P.A. and FM Global standards, supporting the client in relations with the main insurance and certification bodies.

MAIN FIELDS OF APPLICATION

CHEMICAL

LOGISTICS

PHARMACEUTICAL

DATA CENTRES

FOOD

OIL & GAS

INDUSTRIAL

OUR PARTNER



+30k

hours/year of system
engineering



System types

WATER



Sprinkler
Deluge
Watermist

GAS



CO2
Fireater Inergen
Novec

FOAM



Low expansion
Medium expansion
High expansion

PUMPING STATIONS



Electric pumps
Tanks

FIRE DETECTION



Sensors
Actuators
Controllers



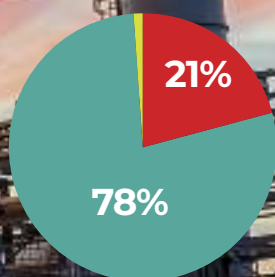
Oxygen reduction fire prevention systems

The ORS (**Oxygen Reduction System**) is distinguished by its capacity to **work in special high risk areas** or particularly complex situations, where traditional fire protection systems are unable to guarantee a suitably high level of safety or are not compatible with the qualitative standards required by the environment in question.

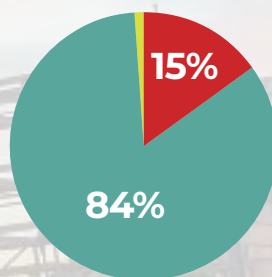
It is a **preventive system** that works by generating a protective self-distinguishing atmosphere in the environment, consisting in an altered mix of oxygen + nitrogen, which stops the fire from igniting.

The oxygen reduction system is particularly suited in cases where technical, architectural or aesthetic constraints prevent the installation of conventional fire protection systems, or in delicate situations whereby the asset in question has a **very high economic and/or cultural value**, for example historical archives and/or museums.

● O₂
● N₂
● Others



Atmospheric air



Hypoxic air



Systems, products and services for marine applications

The Marine Oil & Gas sector represents an additional field in which Mozzanica is able to apply its expertise to offer an excellent service.

A ship or petrochemical plant has different needs and risks with respect to the industrial sector, and therefore requires in-depth technical and regulatory knowledge, the ability to prevent emergencies and collaborate

with the crew.

To satisfy these needs, team work is needed.

To this end, the Marine Team at Mozzanica offers up its extensive experience in this sector, its expertise, its ability to interact with the customer and efficiently coordinate the works. The aim: to create trust and partnership.

For us, each project represents a new, important and great challenge to overcome, where the level of difficulty is high, but so too is the possibility to push ourselves further.

From the moment the order is received until the works are completed, the Marine Team acts as a single point of reference for the end customer.

+5

Dry Docks/year



CONSULTANCY



+50
consultancies

Risk analysis
Engineering
Dry Dock supervision
Third-party inspection
Tests

TURNKEY PROJECTS



+100
projects

Supervision
Engineering
Logistics management
Report generation

MAINTENANCE



+5000
elements serviced

Extinguishers and hydrants
Fire doors
Hydraulic tests
Water, gas, foam systems



Mozzanica Service

Specific skills and high-tech
instrumental equipment

Our technicians are able to perform professional analyses on systems, such as analyses of the sound levels of emergency signals, the performance of fire-fighting pumps by means of head/flow curve reconstruction, flow tests of hydrant networks, thermal and vibration analyses, and pump/motor alignment using laser technology tools. They are also able to transfer to the

hours/year of
service and
maintenance

+100k

customer's personnel the skills necessary for correct operation of the systems, with training and support activities in the event of audits by the control body.

TURNKEY SERVICES



+1000
Sites serviced

ON-CALL SERVICING AND MONITORING



+50
Callouts/month

MOBILE WORKSHOPS



+20
Equipped vans

QUALIFIED PERSONNEL



+40
Specialised maintenance
technicians



DOOR FAN TEST

THERMOGRAPHIC ANALYSES

VIBRATION ANALYSES

**HEAD/FLOW RATE
CURVE ANALYSES**

MOTOR/PUMP ALIGNMENT

DIESEL MOTOR PUMP

Remote assistance, remote monitoring and advanced maintenance

Mozzanica introduces a **new digital solution for advanced maintenance** in the fire protection systems industry, combining routine maintenance activities with digital systems based on IoT (Internet of Things) technologies for the innovative and digital management of fire protection systems and devices. A technological solution for the **integration of products** (fire protection systems and devices) with the **people**

involved in the life cycle (engineers, customers, maintenance technicians, certifiers, control bodies) through digital processes.

CRM

Integration occurs through a safe multi-user platform in cloud, developed by **PiCube**, an IoT partner of Mozzanica & Mozzanica, for the digital management of objects designed and serviced by Mozzanica for our customers.

SeeiT

SeeiT allows the continuous monitoring of installed and/or serviced systems equipped with IoT gateway, which reports their status in a remote control room.

TagiT

TagiT uniquely identifies all objects forming part of the fire protection system (devices, systems and their components) through the use of a **QR Code or RFID or NFC tag**, placed directly on the systems and their components.

is Mozzanica quality

Process, product and
skill management systems
for fire protection
quality and safety



INTERNATIONAL PROCESS CERTIFICATIONS



Since **2004**, Mozzanica has adopted a **quality management system** compliant with the standard **UNI EN ISO 9001** for all company processes including the **design, sale, installation and maintenance of fire protection systems and devices** developed using various technologies (**CO₂, inergen, inert gases, sprinklers, foam, deluge and water curtain**) and which also include the development of **pumping stations, hydrant networks, fire and explosive atmosphere detection systems**.



The procedures also regulate the **commercialisation and maintenance of extinguishers and fire-fighting materials**. Mozzanica recently **updated** its management system in compliance with the requirements of **ISO 9001:2015**.

Moreover, at the **end of 2020**, the company successfully certified its **Occupational Health and Safety management system** in accordance with standard **ISO 45001**.

INTERNATIONAL SKILL CERTIFICATIONS

Mozzanica guarantees high-level internationally recognised technical skills for land-based and marine systems thanks to the following **international certifications**:



Inspection and maintenance of fire-fighting equipment and systems and self-contained breathing apparatus, gas welding systems, diving suits, life jackets. High and low pressure hydraulic testing of cylinders.



Inspection and maintenance of fire-fighting equipment and systems, self-contained breathing apparatus, diving suits, life jackets.



Inspection and maintenance of fire-fighting equipment and systems, self-contained breathing apparatus, gas welding systems, diving suits.



Inspection and maintenance of fire-fighting equipment and systems, self-contained breathing apparatus, gas welding systems.

Certificazioni
rinnovate
periodicamente

+10

NATIONAL COMPANY CERTIFICATIONS

Certification of extinguisher-hydrant maintenance service

Mozzanica adheres to the voluntary “**ICIM certified maintenance**” project promoted by UMAN, whereby certification is issued by ICIM, an independent Italian certification body, which regularly checks that:

- fire extinguisher and hydrant maintenance is performed by competent technical personnel;
- technical personnel use specific equipment that has been correctly calibrated and is suited to the required operations;
- **purchased, sold and disposed spare parts all correspond;**
- all the contractually agreed operations are performed according to current legislation.



To provide a guarantee to the Customer, an **encrypted QR-Code** can be found on the maintenance tag, which can be used, through the **QRtify app**, to access the data relating to the Mozzanica and the ICIM certification references.

Certification of maintenance of F-GAS fluorinated gas extinguishing systems



Mozzanica has received – for its fluorinated gas extinguishing systems – certification for the **installation, maintenance and repair of F-GAS systems** in accordance with European regulations. Moreover, its **technical personnel** is similarly qualified to work on said systems and is registered in the **ICIM List of Certified Professional Figures**.

STAFF CERTIFICATIONS

Mozzanica has certified its own staff through an ACCREDIA and IMQ-ANIE qualification process, with the following results

- N. 9 Qualified technicians (UNI 9994-2) for fire extinguisher maintenance;
- N. 6 Qualified technicians (ICIM) for hydrant maintenance;
- N. 8 Qualified technicians (UNI 11473-3) for fire door maintenance;
- N. 3 Qualified technicians (IMQ-ANIE) for FIRE and EVAC system maintenance.





concept: sgs comunicazione & omnilution - milano



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