

IDRO  
W I N E



INTEGRATED  
TECHNOLOGICAL  
SOLUTIONS  
for the wine sector

IDRORICERCHE.COM

# RESEARCH, DESIGN AND INNOVATION.

For over 20 years, the passion for Water drives us to research and create customized and turnkey solutions for the efficient and ecological use of this precious resource in the Food & Beverage industry.

Our aim is to **enhance the importance of Water along with exploiting technologies**, to provide first class services, with the support of a team of specialized and ever-growing professionals.

Within this perspective of growth and development we offer **an innovative and complete range of products for the wine sector**:

- Enhancement of the water resource
- Chemical-physical and microbiological treatment
- Cleaning and polishing of the final product
- Service waters renewal

Our implants are **supplied turnkey, made with high quality materials and techniques and can be combined with specific after-sales assistance plans.**

**The values and the experience harboured in Idroricerche meet the wine sector creating a union of perfection and uniqueness**



## PASSION

for our most precious natural resource

## RESEARCH AND INNOVATION

for a future where water is the protagonist

## QUALITY

in each step of production,  
from design to implementation

## COMMITMENT

to the customer, for tailored and lasting solutions

## TEAM

because the best ideas are born and realized out of team work

## GREEN MIND

against pollution and water wastage



# PRIMARY WATER

## ENHANCEMENT OF THE WATER RESOURCE

- **Hydrogeological and geophysical research and analysis.**
- **Consultancy:** feasibility studies and bureaucratic procedures.
- **Water intake works:** design and construction of springs and wells.
- **Control of suspended solids and microbiological check:** assessment and resolution of pollution problems.

## CHEMICAL-PHYSICAL AND MICROBIOLOGICAL TREATMENT

- **Demineralization:** systems for the treatment of service and/or production water by means of osmotic membranes.
- **Hardness regulation:** systems for the reduction or elimination of calcium, magnesium and other elements, through ion exchange resins.
- **Taste and odour control:** economic and efficient solutions to reduce the presence of organic traces, odours and chlorine, by means of activated carbons.
- **Idrosafe Compact, BC and Top:** flushing, ultrafiltration and microfiltration systems, designed and manufactured by Idroricerche. They retain particles, microorganisms and molecules larger than  $0,1\ \mu\text{m}$ , keeping the chemical-physical characteristics of water unchanged.



# PROCESS WATER

## CLEANING AND POLISHING OF THE FINAL PRODUCT

- **Idea Wine:** system for the integrated management of the wine production process. Customizable according to customer needs. Automation for fluid dosing and process microfiltration. Washing and sanitizing of implants.
- **Production lines:** design and installation of the lines for the distribution of auxiliary and process fluids. Production of sanitary stainless steel piping with tig welds.

## SERVICE WATERS RENEWAL

- **Idrolife:** solution for cleaning waste waters, which allows to reuse the resource for technical purposes and saves drinking water up to 50%. It is the ideal solution for the increasingly important need for water saving.

