

Company Profile

ESSENCE



We are world-leading experts in extraction and centrifugal separation. We design and manufacture solid-liquid and solid-liquid-liquid separation solutions for multiple applications and are industry-leaders in olive oil production lines. Based in Jesi, in Italy, PIERALISI boasts a global presence with 41,500 plants installed at international level, 500 members of staff, 130 technicians dedicated to machine and plant configuration and to providing after-sales assistance. As a result, PIERALISI is an unrivalled, reliable and long-lasting partner.



CIRCULAR THINKING

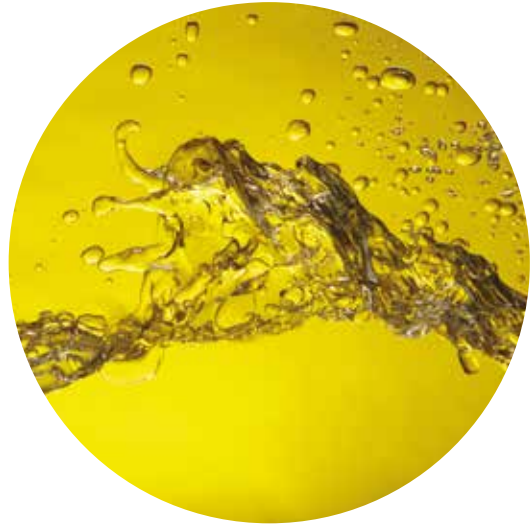
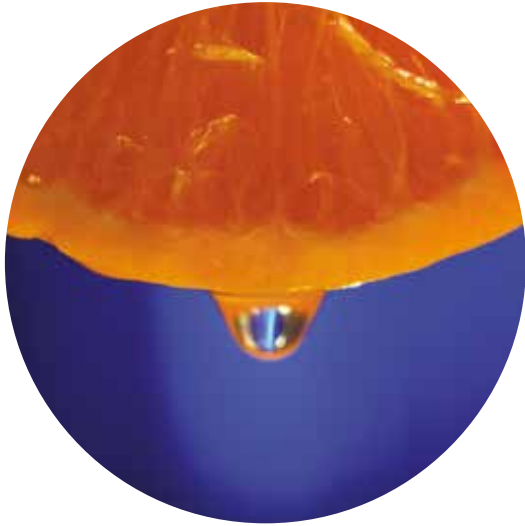


The Pieralisi business philosophy has always focused on zero waste and can be perfectly summed up in the concept of circular thinking. Indeed, we are committed to waste-free development, where investments are optimised, with the end game of achieving sustainable profitability. Our international approach embraces the objectives of the UN's Agenda 2030 for Sustainable Development and we work as part of creative, open-minded global cross-functional teams.





MATERIALS



Respecting natural resources is now a planet-wide requirement which we are heeding by attributing a profound value to materials and avoiding waste as much as possible.

Developments in the industry have encouraged us to rethink waste materials and implement them as genuine raw materials, for example in animal based products, which we process thanks to solutions comprising two or three separation phases.



METAL



The engineering approach is in our DNA.

Plant design and production take place entirely in our headquarters,
where our assistance experts are all trained too.

We are very proud of the innovations we have introduced over the decades,
having contributed to production optimisation and to saving resources for a large
number of businesses across the globe.



ENVIRONMENTAL FRIENDLINESS



Environmental friendliness at global level is an integral part of our development plan and of our products.

We design and develop dynamic thickening and sludge dewatering solutions. Boasting an extensive range of decanter centrifuges and vertical separators, we make it possible to recover water used in various municipal or industrial processes, reducing the volume of sludge by more than 98%, in addition to applications in plants for the production of biogases and biomass-based alternative energy.



FOOD AND BEVERAGE



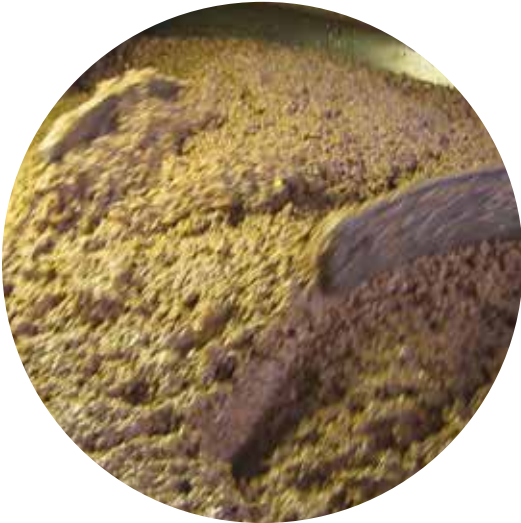
We monitor all the developments in international food habits.

We offer solutions for processing fruit juices and purées, for fresh animal-based milk and dairy products, as well as for the extraction of cooking oils and vegetable milks such as almond, rice, oat and soya.

Our decanters can also be used in the wine-making process and in the production of tinned food, to improve the product and optimise the use of energy resources.



OLIVES



This delightful and delicious natural gift requires a lot of hard work, know-how and respect. The goals are: to use the drupe with zero waste, to reduce energy and water consumption and to customise the results to suit the customer's specific requirements.

We manufacture complete lines for the entire processing process, both batch and continuous, with machines for leaf removal and washing, crushing and malaxing, extraction and separation. One of the trailblazing innovations we have introduced, which has ranked us as leaders in our industry, is the decanter for continuous oil extraction. This process has revolutionised the traditional olive oil production process.



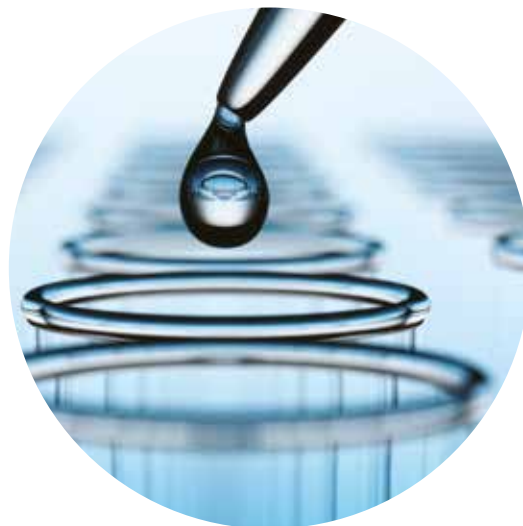
MINERAL FUELS AND LUBRICANTS



Processing fuel oils and lubricants is as important as it is complex. We provide technological solutions designed to reduce operating costs and to minimise the environmental impact deriving from their use. Our solutions are for the cleaning and processing of fuel oils, for the purification of lubricants, for the conditioning and recovery of mineral oils, the treatment of slop-oils from refineries and lagoons, tank residue and bilge water.



CHEMICAL AND PHARMACEUTICAL



Our separation technologies tackle the challenges posed by the unwavering innovations in the industry to ensure the efficiency of every separation process: separating impurities from the raw materials; solid/liquid and liquid/liquid or three phase separation of reaction mixtures; removal or recovery of a catalyst; separating by-products or impurities from the end product; product recovery and pollutant recovery from waste streams.



RECYCLING



The recycling area is of vital importance to the company's resources and to the ecosystem. Our process solutions set the worldwide standards for economy, efficiency, environmental friendliness and sustainability in treatment processes for drilling mud, treatment and recycling of industrial fluids, recycling of polymers and their respective recyclables, recycling of services water in industrial processes.

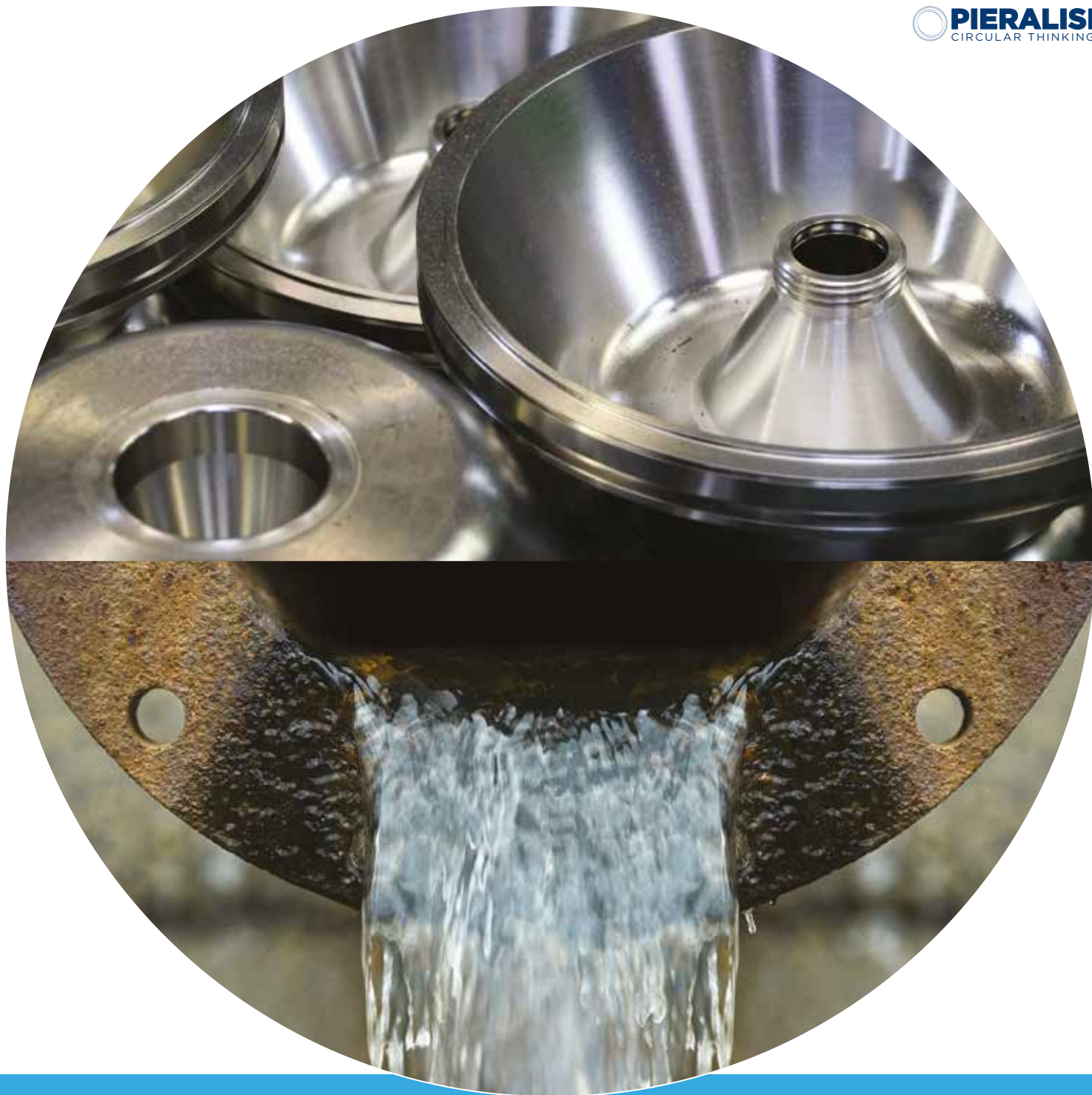


CERTIFICATIONS



We want to remain one step ahead at all times, to be worthy of our customers and meet their expectations, as well as to be awarded the best-in-class certifications. Our integrated business management system is certified according to international UNI EN ISO 9001 and UNI EN ISO 14001 standards. All our machines are designed and built according to stringent quality and safety standards, ensuring compliance with the main EC directives:

- Machinery Directive 2006/42/EC
- Low Voltage Directive 2014/35/EU
- Electromagnetic Compatibility Directive 2014/30/EU
- ATEX Directive 2014/34/EU.



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