This family company was established in the small city of Trento in the year 1895.

As a complete mechanical workshop, at the end of the nineteenth century we were designing and manufacturing a variety of steel products for several different contexts of application. We were also operating our own metal foundry.

Bombed and completely destroyed by both World Wars, the family had had to roll up the sleeves and start everything from scratch twice. At the reconstruction, we started developing technology and machinery for bitumen processing, such as storage tanks, kettles and melters, equipment for bitumen emulsions, then later on production machinery for roofing felts.

As Country’s reconstruction was pushing the demand for manufacturing, roofing and waterproofing goods, the bitumen-processing equipment become our core business. At the beginning of the fifties we successfully developed the first heat transfer oil industrial heater in Italy. This was a technical milestone, because for all the bitumen-related processes a hot oil-based heating system was evidently much more suitable than that steam heating traditionally and solely used until then.

It is no surprise to us to be asked today to service hot oil heaters installed fifty and more years ago, and still well in operation. Our products are not simply consisting of quality components: they include knowledge, experience, care and solid craftsmanship.
The key concept that sets Menestrina apart as a Company, is our conviction that each and every Customer and his project need and deserve our total care, attention and support. And we do that, always and with full conviction.

We typically establish long-term relationships and involvement with Customers, co-operating on putting needs on focus, setting targets, sharing knowledge and experience, and developing solutions.

As a small-sized Company by choice since our foundation, we have always capitalized a high value of craftsmanship, which translates into caring for personal relationship, love for the single details, passion for our products.

Our technologies optimize and retain the use of thermal energy. We effectively exploit the raw materials to the maximum, leading to minimizing the expenditures. Our machines feature a high level of automation, which allows to support and protect the human resources.

Our mission is not chasing always increasing volumes or always bigger figures: our mission is keeping high our quality standards, those same standards that have made it possible to us to ride the waves over twelve long and eventful decades.
With so many decades of field experience dealing with bitumen blowing plants, the Company takes advantage of the lessons learnt in the everyday’s real-life operation in the most different environments.

This solid background goes to the full advantage of our Customers.

Bitumen blowing is in principle a well-known process, but as a matter of fact operating a blowing unit can be more or less practical depending on a number of smaller and bigger details here and there in the way the plant and the equipment are designed and set-up.

Taking care of all details, including the small ones, is a typical key point of our Company’s way of working.

We can cover the full bitumen blowing process environment, from the base materials storage to the finished products delivery, including everything in between.

For each aspect of the process we provide clever solutions developed always going for the simplest and less complicated available choices. Avoiding as much as possible complications and very sophisticated systems is one of the winning lessons we have learnt on our way to today.
As designers and manufacturers of hot oil heaters since the fifties, we have never lost our passion for a well-done product, expression of craftsmanship.

We do not follow any series-oriented manufacturing procedure: today like yesterday we assemble our hot oil heaters series Olitherm employing such care and skill, that every single piece becomes a masterpiece.

Our heaters are designed to provide the highest operating safety, even in the case of prolonged or even constant thermal overload. This is achieved thanks to having limited the Mean Thermic Flow in the range of the extremely low values (between 10,000 and 18,000 Kcal/m²h), together with similarly very low values of Thermic Load inside the Combustion Chamber (between 120,000 and 190,000 Kcal/m³h).

A rational speed profile of the hot oil flowing through the heater’s tube nests ensures a uniform heat transmission coefficient virtually in any portion of the heat exchanging surface, thus preventing the fluid from being damaged by localized overheating.

You may ask yourselves where the error is, as you will notice that a standard furnace from the marketplace could find place inside the combustion chamber alone of a same power Olitherm heater. Size too matters, and this is another evidence of the robust concept and heavy-duty construction that together provide peace of mind to our Customers.
The story of Menestrina and Polymer-Modified Bitumen (PMB) begins in the early seventies, when some clever Italian guys decided to test in industrial production the combination of the properties of given selected polymers with those of the industrial bitumen grades, for roofing and waterproofing applications.

That test marked the beginning of a long story, still well alive today too.

We have developed over the years a number of different mixing vessels, following the evolving requirements of the roofing producers. As soon as it became available to the smaller-sized industry, we immediately purchased and put to work an advanced CFD software package focused on the dynamics of mixing. Thanks to the analysis and simulation capabilities of this tool, we have been able to update and refine the design of our stirrers and vessels, achieving solid results in terms of performance and energy utilization.

Keeping the mixing units at the centre of the projects, we have developed around them a variety of peripheral systems, ranging from self-cleaning filters to static traps, from automatic heating/cooling thermo-controls to nested hot oil sub-loops for flexible heat distribution, and so on and so forth.

As the logic consequence of our long experience with PMB processing, as soon as the marketplace generated a demand for PMB grades for roads paving, we have been involved in this more recent world as well. Proud of counting a good part of the biggest and most important Italian producers of PMB road grades among our Customers, we are able to provide in this case too solutions of excellence.
At Menestrina we can truly say “We speak bitumen”, as it is in fact since the twenties that we deal with bitumen processing.

Whether it is simply a matter of storing larger or smaller quantities of bitumen, or in-line charging bitumen with hot and dry mineral powder, or producing solvent-based paints and enamels, or preparing the dosed addition of the components of water-based liquid emulsions, or producing thixotropic paste emulsions, Menestrina can provide reliable machinery and equipment backed by a huge wealth of experience.

Mixers, heat exchangers, vessels, tailored components and instruments, advanced control systems that can be remotely monitored via the Internet: we can provide all what is necessary to assembly a suitable production unit tailored to the specific Customer’s requirements.

As the logic complement to the main equipment, Menestrina manufactures its own comprehensive line of components specifically engineered for bitumen, as large heated basket strainers, 2way and 3way heated valves that can be either manual or servo-controlled, level bubblers, samplers, etc.
By leveraging the specific know-how acquired over decades of activity in the roofing plants taking care of the PMB preparation systems, we have developed a set of peculiar machinery suitable for the upgrade of waterproofing membranes production lines.

This can be considered as a return to the old times, as we were already manufacturing traditional roofing line’s components across the thirties-forties.
Sitting in the middle of the pale Dolomite Alps, Trento represents a rather good place to live and work. The splendid nature surrounding Trento on all sides provides us inhabitants with quality life and inspiration.

Trento is most easily reached from the airports of Verona (best choice), Venice and Milan-Bergamo.