Deltacque, friends for the skin (and the environment)

From the wastewater of a tannery, the experience to give new life to the most precious resource

It all stems from an intuition, from the ability to observe a supply chain that led **Roberto Lupo** , the founder of *Deltacque Srl* , to anticipate the environmental problems that the leather industry (and not only) would have to remedy, after the promulgation of the Merli Law of 1976. Let's talk about this reality with a modern vision, today as then, together with the Sales Manager, Dr. **Stefano Spagli.**

How did your reality come about?

*« Deltacque srl was born from the personal experience of its founder, **Roberto Lupo** , who in the 70s first worked as a technician in the tanning industry, and then in the 80s, thanks to the experience gained, he dedicated himself to the treatment of waste industries, especially in this sector. The strong industrial development of tanneries for clothing that affected the province of Pisa about 40 years ago, in fact, required wastewater purification techniques: we are talking about the waste of 450 companies that still today produce leather, a large quantity of water to be purified. **Roberto Lupo** thus began to support the tanners to*

*solve the environmental problems of the industry. And from there was born the experience that today**Deltacque srl** has been exporting all over the world for 40 years, while maintaining solid roots here, in Santa Croce sull'Arno».*

What makes you unique in this panorama?

«We specialize above all in the purification of tanning waste, the tannery is one of the sectors with the highest environmental impact. The experience we have gained in this field has allowed us to export our know-how to other fields, simpler from the point of view of water purification, such as that of meat slaughtering, the wine or textile industry. Our work is on the one hand dedicated to the needs of the customer, on the other aimed at those of the environment (eco-sustainability of products, low environmental impact, reuse of discharged raw materials). The feature that most distinguishes us is the sartorial character of our company, with which we are able to "tailor" the purification plant to the customer's needs. We make flexible purification plants, even small ones, from one cubic meter per day, up to discharges of five thousand cubic meters per day of waste water. We have a high degree of flexibility that other competitors do not have, because it requires a very efficient business setup».

What will *Deltacque srl* be like in the future?

*«From a technological point of view, the company is moving towards industry 4.0 by developing an automation system that allows efficiency and safety controls of the purification plants even remotely, with a figure of plant manager who controls the general trend. In this way, the plant will become an integrated system within the company itself, with considerable savings in terms of costs and human resources. From a market point of view, however, we have recently established an **IWTech joint venture**with some manufacturers of purification machinery (all Italian partners) with whom we will be entering more distant markets but with high potential: Cuba, Brazil, Peru, Ecuador, Chile, Colombia and other Latin American countries. There we expect to carry out projects and to receive requests also in the field of civil waste and parastatal companies, as well as from industrial areas".*

During these years *Deltacque srl* has already distinguished itself beyond the borders, working in various plants in North and Central America, but also in Asia and Africa with a total of 230 plants distributed in all five continents and operating in different sectors. Valuable experience, with which the company can serve both the Russian company which is at 30 degrees below zero up to the desert which touches over 40 degrees all year round, always maintaining the best performance and the ability to solve problems of any nature and size in any part of the world.