



ZINCO SERVICE COMPANY PROFILE

Zinco Service s.u.r.l. was founded in Brescia in 2002 to offer services to the hot-dip galvanizing industry. Over the years it has been committed to internationalization and research, gaining a leading position in the sector. Since 2018, 100% of the company is owned by Gimeco Impianti, one of the top five companies in the world by revenue in the sector of manufacturers of hot dip galvanizing plants serving more than 40 countries served all around the world, Gimeco was founded in 1976 by Ermes Moroni, who is still CEO and President.

Zinco Service is the result of the efforts of three generations who have been in the hot dip galvanizing sector for over sixty years of: experience and knowledge. With the help of a young team of collaborators, now integrated by the know-how and the competencies of Gimeco Impianti and its sister Companies, the management focuses on innovation, an effort appreciated by the major market leaders: among its customers, Zinco can count on giants as Valmont Coatings Inc., Lafontaine Holdings, Arcelor Mittal, Hill & Smith Group, Zincol Italia, Prestia Group, ILVA, Marcegaglia and others. Zinco Service currently operates throughout Europe, North America, Australia, Southeast Asia, New Zealand, South Africa, Japan and, recently, China and Russia.

The company founded in Brescia has patented a unique method in the world for measuring the corrosion of hot dip galvanizing kettles: an advanced diagnostic technology called "KID" (Kettle Inspection Device). This non-invasive procedure is scientifically recognized and allows to evaluate the exact corrosion level of the kettle without emptying it, therefore with no downtime in production and no modifications in the furnace. The KID system was tested for the first time in 2006 and since then it has been constantly improved in tools and procedures: today, not only the accuracy of measurements is almost 100%, but the device is also more environmental friendly. The benefits of this method for the galvanizer go from the reduction of maintenance costs to important technical achievements, such as the improvement of the energy balance and the prediction of the kettle lifespan.

In addition, the company has a wide expertise in the replacement of hot dip galvanizing kettles: Zinco Service can store up to 800 tons of molten zinc in its electrical vessels, so to keep the metal molten while the kettle is replaced. The use of such equipment allows a considerable saving of electrical energy, avoiding the remelting of zinc, a process that requires a huge energy consumption; moreover, it considerably reduces the downtime of the kettle change operations. In addition to this area, the company operates a number of services ranging from emergency plans specifically designed for each single plant to fault analysis, from training to consultancy.

Zinco Service is also engaged in the field of R&D. The e-Furnace project has been awarded by the EU through the Horizon 2020 funds (the funding program for research and innovation) with € 1.2 million in Phase 2 (non-repayable) and one of the highest scores in Europe for its topic, thanks to some key elements like the extraordinary potential in terms of energy saving and reduction of the environmental impact, as well as its high technological level. Other important projects, like Atlas and Paradigm, originate from vast worldwide experience in the field of industrial diagnostic, and have contributed to the improvement of thermic dynamics in hot dip galvanizing furnaces; the practical application of some prototypes generated about 30% saving on energy balance. Even in this case, the reached result is a milestone that has no equal worldwide.

Zinco Service's attitude to the "Corporate Social Responsibility" has grown over the years, and was officially recognized in 2014 by Unioncamere Lombardia with the "Good Practices Award for Corporate Social Responsibility and Transparency."

For more info

Giulia Bosatra
Emanuela Ghisi
Giuliab@gimeco.it
Emanuelag@gimeco.it
Tel + 39 02 90960751
Cell. + 39 335 6797851
www.zincoglobal.com
www.efurnace.eu
www.gimeco.it