

Premium Packaging Solutions



Zamak • Aluminium • Steel

Cosmotec specialises in the development and production of **innovative packaging components** in zamak, die-cast and machined aluminium, deep-drawing steel for the luxury fragrances, cosmetics, premium spirits and fashion accessory industries.

With its unparalleled level of industry know-how, sharp eye for detail and high quality standards, Cosmotec is a point of reference and a leading supplier of packaging solutions of excellence that come with an **authentic “made in italy” signature**.



The **family-owned company**, located near Milan, was founded in 1998 as a zamak foundry for the manufacture of fragrance caps and fashion accessory components. In 2012, a second unit was added to the factory, including a department for the assembly and application of zamak embellishments, metal plates and leather components to glass bottles and complex packaging items, covering a total of 3,500 square metres. **Production and the majority of surface finishes are managed in-house**. In recent years, Cosmotec introduced aluminium and steel through different technologies, extending its offer of materials.



The company's **focus on research and development** has enabled it to push back the boundaries of metals treatments by offering a **broad spectrum of surface finishes**, such as PVD coatings, UV metallisation, electroplating, water-based varnishing, enamelling and sublimation, **as well as decorative techniques**, ranging from silk screen printing, digital printing and laser engraving. Cosmotec continues to build on the strength of the core business, diversifying into materials such as leather, fabric, wood and special polymers.



Introduction of life cycle assessment

Cosmotec is actively committed to **reducing the environmental impact of its products** and adopts the Life Cycle Assessment analyses -the methodology measuring environmental impact and guiding the development of reduction strategies based on the results obtained.

Thanks to the newly introduced tool, developed in collaboration with a Milan-based consulting firm specialised in sustainable innovation and development, Cosmotec is able to offer clients LCA analyses assessing

the **impact of their products at every stage** of the manufacturing process, from moulding to packaging and water recycling. Furthermore, the company can offer simulated LCA analyses during the development phase, enabling the identification of critical points and helping to **clarify key areas** for action to reduce environmental impact before production begins.

Certification for LCA analyses of individual products can be provided upon request.

This initiative aligns with **Cosmotec's long-standing commitment** to low-energy technologies, electricity from renewable sources, water purification plants to reduce consumption, and the use of recycled raw materials.

The production process employs zinc, aluminium and steel alloys which contain a minimum of 70% recycled materials up to 100% PIR or PCR content.

Solutions for die-cast and machined aluminium packaging components



Cosmotec unveils a range of single-material aluminium solutions **designed to meet recyclability demands**, including packaging components such as caps and plates.

With deep expertise in metal manufacturing, the company integrates aluminium seamlessly into its production process. The use of both die-casting and machining enables a **broad product range, versatile design options, and high production flexibility**.

Machined caps offer high customisability, excellent quality, and low equipment costs, while die-cast caps provide more design freedom but involve higher tooling costs.

A **variety of premium decorations and finishes** - including treatments developed specifically for aluminium - completes the range.

Cosmotec uses aluminium and alloys containing post-industrial recycled and post-consumer recycled raw materials for the production of die-cast and machined packaging components.



Solution for deep-drawn steel packaging components



We are proud to have developed a **range of steel caps and plates** featuring high surface quality and low environmental impact.

Furthermore, the **higher specific weight of steel** results in a product with a greater perceived value compared to traditional deep-drawn aluminum

These components are manufactured starting from a **95% recycled steel** coil and processed using special techniques developed to **avoid high-impact environmental treatments**, such as electroplating and anodic oxidation.

The outcome is a very innovative and high-end product at an interesting and competitive price.





HEADQUARTERS

Via Milano 3
27027 Gropello Cairoli (PV)
Italy

✉ info@cosmotecsrl.it

🌐 www.cosmotecsrl.it

SALES CONTACTS

Federica Lusiani c/o Alambicco S.r.l.

Via Giuseppe Ripamonti 44
20141 Milan (MI)
Italy

📞 +39 02 4945 9312

✉ federalusiani@cosmotecsrl.it