Colep Packaging Division is one of the most important producers of tinplate aerosol and General Line packaging in Europe and the Iberian leader of tinplate General Line packaging. We offer our customers over 45 years experience in tinplate packaging.

Our two production sites are based in Vale de Cambra, Portugal and Kleszczów, Poland, allowing us to offer a European wide service.

Innovation and Technology, value creation and flexible service are the starting points for solid and sustained growth. The aerosol product range includes all diameters and heights in accordance with FEA standards and we ensure excellence and efficiency in our operations.

Flexibility coupled with strong and continuous investments in technology and production capacity, guarantee service and customer satisfaction levels in accordance with the most stringent requirements.

We have best in class printing capabilities, which are vital to the quality of your brand image. We combine the care, quality and dedicated service that only focussed and specialised suppliers can achieve.
Innovation & Technology

Innovation and Technology are our passion and core to creating new products and providing the highest levels of service for the markets we operate.

Our aim is to seek out new leading technologies for our products and our manufacturing processes.

Our focus is on:
- Innovation
- Flexibility
- Creating Value
- Sustainability

We work together with customers to deliver creative solutions. Ultimately we aim to give our customers more flexibility, within creative and sustainable products and services.

We constantly strive to offer new solutions that will deliver additional value to our customers, their products and to consumers.
METAL PACKAGING FOR AEROSOLS

Innovation & Technology

Quality

Service
Just imagine...

What would life be like without the aerosol?

Just imagine...
We care about your products

We work in an open and fair way; we pride ourselves in delivering customers the best quality and value added service. Our service is flexible and we offer bespoke solutions to customers depending on their individual needs.

The integrity of your brands is at the heart of what we do.
High value

Every one of our customers is different. Through a flexible and integrated approach, Colep can meet your aerosol metal packaging needs and provide you with superior quality packaging solutions.

We partner you, our customer, to ensure the highest standard products reach your consumers at the point-of-sale. We are experienced in offering conceptual work for new ranges and expertise in the exploration of packaging requirements.

The benefits of tinplate aerosol packaging include:

- Option of inner lacquers and varnishes for water-based products.
- High quality surface for decorating or printing.
- Variety of heights and diameters in accordance with FEA standards.
- Easy to transport.
- Robust and durable.
- Suitable for sprays, gels, foams for the personal care, household and industrial sectors.
- 100 per cent recyclable.
Leadership in stable & concentrated markets

A sustainable future for metal packaging

✓ S tops waste
   Reduced food spoilage, 0.1% impact on total waste

✓ Absolute barrier for safety and health
   Food safety, nutritional value, tamper evidence

✓ F irst-class recycling rates
   No. 1 in eco-efficiency (TNO)

✓ E nergy and CO2 reduction
   50% less CO2 and 60% less energy in last 20 years

✓ C onvenient

✓ A bundant resources

✓ N umber 1 in value
   Low cost container, fast filling rates, no secondary packaging, no refrigeration

Metal cans are the packaging of the 21st century
We care about the Environment

Tinplate is a clean and responsible packaging choice for your brand. The tinplate aerosol is now lighter than ever because it uses less natural resources. It is also one hundred per cent recyclable.

- Reduced household waste when compared with other packaging.
- Tends to be kept longer than other packaging types and not thrown away.
- Can be stacked higher than most alternatives – thus saving resources.
- Proximity to market – therefore saving transport costs.
- Steel is a permanent material and can be used time after time without losing properties.
- Recycling reduces energy consumption and CO₂ emissions significantly.

Steel for packaging: Recycling facts

Steel is the world’s most recycled material. Unlike most other recycled materials, steel can be recycled time and time again without its quality ever deteriorating.

Colep is an active member of EMPAC (The European Metal packaging Association). Find out more at www.empac.eu
Tinplate is a packaging material which offers a premium look and feel for consumers because it has a high quality surface for decorating and printing. There are opportunities for innovation and flair, to build on the strength, protective properties and reliability of tinplate.

Advantages of Steel

- High quality printing capabilities – to capture the attention of consumers and convey quality
- Perfect barrier against degradation caused by exposure to light, dirt, bacteria, moisture, oxygen and odour
- 100 per cent recyclable
- Robust packaging material – product safety is assured during transport, handling and storage
- Steel has maximum design potential
- Ideal for long-term storage of perishable goods
- Good shelf-appeal and has a high value look to attract consumers
- Retains properties longer than other packaging
- Stackable and Strong
- Good weight-strength ratio
Production Process

- Pre-Press
- Coil Slitting
- Printing and Coating
- Stamping
- Assembling
In our pre-printing department we ensure that designs and artworks are of the highest quality. Proofs are provided to our customers for assessment prior to full-scale manufacture. Customers can either choose between a tinplate or a paper proof. The technology we use provides the greatest possible confidence in predicting colour and appearance of the final printed piece, including both traditional flat sheets as well as finished, 3-dimensional packages.
Artwork and Proofs process development

- High resolution (2400 or 2450 dpi), true halftone quality colour proofing.
- 3-dimensional mock-ups allows our customers to see exactly what their final product will look like.
- Outstanding colour range and special effects.
Coil Slitting

We are proud of our rigorous inspection activities across the entire supply chain. The aerosol production process begins with the reception of coiled steel in our Vale de Cambra site, where it is uncoiled, straightened and inspected.

Following this first inspection, the tinplate is cut into sheets and transferred to the printing area for preparation.
All artwork data from our customers is managed in our pre-press department. This data is transferred to the printing plates by using the latest state-of-the-art software and hardware in order to produce an exceptional print quality for the customer.
Printing & Coating

During this stage of the process, the tinplate sheets are fed into printing and coating machines where printing inks and liquid enamels are applied.

Following customer approval of the initial proof, we progress to print the tinplate sheets with the best quality inks to achieve a high standard design, in-line with customer requirements.

We have state-of-the-art offset UV printing lines – 4 and 7 colours – allowing us to provide high quality decoration for extra impact at point-of-sale.

We offer a bespoke, flexible service and a variety of coatings can be applied onto the tinplate, depending on the individual needs of each customer.
Stamping

Using state-of-the-art high-speed stamping equipment and 100 per cent in-house production capability, we are able to produce and offer a whole range of aerosol components (cones and domes) diameters and pressure (from 12 bar to 18 bar) resistance specifications to meet a variety of customer needs.

Due to our Coating capabilities we can supply components with different internal and external coatings according to the specified requirements. For critical and complex formulations we can also offer polymer coated components for extra pack performance.
During the process of assembling the aerosol, the highest standards of quality and care are maintained. The aerosol blanks are rolled, welded and side seam protected to prevent tinplate exposure.

We are able to protect the internal welding and the side seam using electrostatic powder coating technology (solvent free).

In the next stages, the welded tinplate cylinders are necked, flanged and seamed. The aerosol components are double seamed onto the tinplate cylinder guaranteeing a hermetic seal.

Finished aerosols are 100 per cent leak-tested to ensure a high quality finished product. The final step is palletising and shrink wrapping, which is fully automated and ensures that the aerosol cans are fully protected from environmental contamination during storage and long distance deliveries.

The aerosols are stored in our warehouse until they are ready to be shipped to our customer.
Colep’s tinplate aerosol production sites provide European market coverage:

Vale de Cambra: Ø 45, Ø 49, Ø 52, Ø 57 and Ø 65

Kleszczów: Ø 49, Ø 52, Ø 57 and Ø 65
Core strength

The tinplate aerosol can is the perfect packaging system for your product.

Tinplate is a sustainable packaging material that offers strength, reliability and protection for your aerosol product.

Brand owners and Marketers are able to explore and innovate with aerosol packaging, to deliver value to their consumers.

Our focus is product safety, functionality, reliability and the development of new and innovative solutions for tinplate aerosol packaging.

Since 1993 we have had the ISO 9001 accreditation for Quality. More recently we achieved the ISO 14001 accreditation, the Environmental standard.

Working together to reshape the future.
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