



**COBA**  
plastics group



Design | Develop | Deliver



## Injection & Overmoulding Solutions



[www.cobaplastics.com](http://www.cobaplastics.com)

## ABOUT COBA PLASTICS GROUP

Founded in 1966, COBA Plastics Group employs over 650 people operating out of six countries, enjoying global recognition.

COBA Plastics Group has specialist injection and overmoulding capabilities in the UK, Slovakia, Romania, and South Africa.

## INJECTION & OVERMOULDING

COBA Plastics Group's skilled and efficient workforce produces a diverse and competitive range of plastic mouldings for a broad base of customers in the automotive, electrical, mechanical and houseware industries.

We specialise in technically demanding components with short lead times, based on volumes from a few hundred to several million. Innovative technical assistance is available for both component and tool design.

With over 60 years of plastic moulding experience we are by reputation, the natural first choice of our customers.

## MATERIALS

Our material options are vast. There is a choice of over 30 different polymer types and grades processed from co-polymer polypropylenes to PE, PVC, SEBS, TPE, TPV and ABS.

There are many key considerations when selecting the materials for your project to ensure it meets regulations while matching the aesthetic required.

Our experts are here to assist you in choosing the right material for your project to achieve the colour, weight and strength desired.

**44**

Injection Moulding machines.

**60**

Years of Injection Moulding expertise.

**650+**

People across 8 locations

**100%**

A commitment to 100% on time, in full delivery.

## LOCAL SERVICE, GLOBAL REACH

COBA Plastics Group offers the best and most practical solutions, for each customer. We can provide bespoke services ranging from precision engineering, to injection moulding and extrusion to meet the needs of a wide range of projects.

We support many key industries including; Automotive, Fire & Safety, Electrical, Security, Mobility, Retail, Packaging and Construction.

## COBA PLASTICS GROUP LOCATIONS

- Fleckney**  
Extrusion, Injection Moulding,  
Precision Engineering  
Leicestershire, UK
- Ploiesti**  
Extrusion, Injection Moulding  
Romania
- Tangier**  
Distribution Hub  
Morocco
- Thurmaston**  
Hose & Tube Extrusion  
Leicestershire, UK
- Terchova**  
Extrusion, Injection Moulding  
Slovakia
- Cape Town**  
Extrusion, Injection Moulding  
South Africa
- Ansbach Office**  
Germany



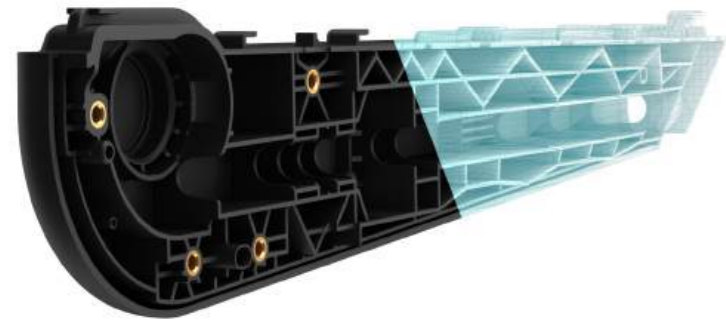
## FULL SERVICE SUPPORT

COBA Plastics Group supports many key sectors with premium thermoplastic components ranging from one off parts to full assemblies.



## DESIGN . DEVELOP . DELIVER

Our ethos promotes a 'Design First' way of working where innovation and problem solving flourish, producing versatile, efficient solutions that save our clients time and money.



### Automotive

Interior & Exterior Components, Fasteners, Gapfillers & Overmoulding Extruded parts.



### Security

Access Panels & Intrusion Alarm Systems.

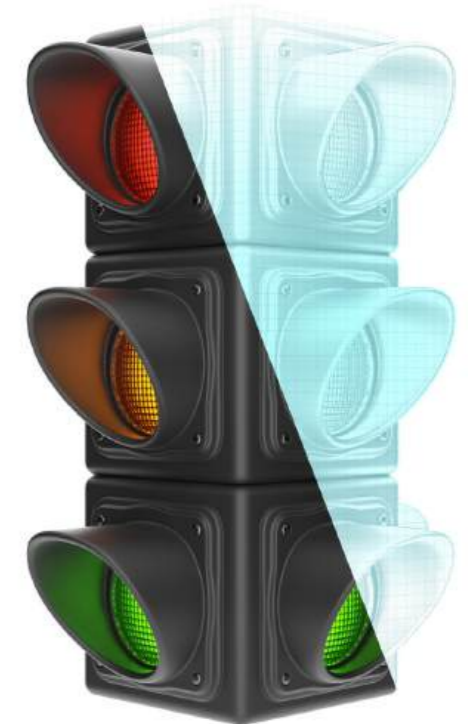
### Fire & Safety

People Management, Waste Management, Wayfinding & Zoning.



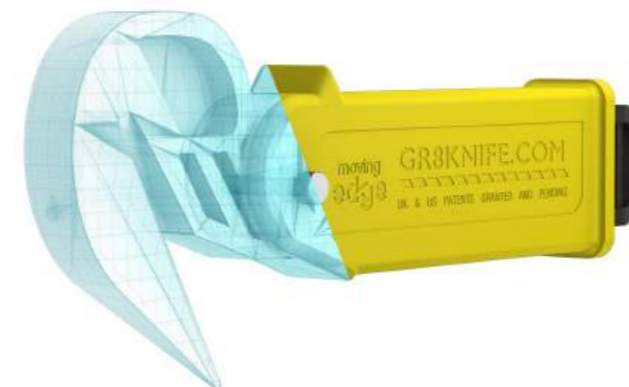
### Mobility

Traffic Management, Control System Casings and Components.



### Electrical

Electrical System Casings, Clips, Buttons, Levers and Switches.



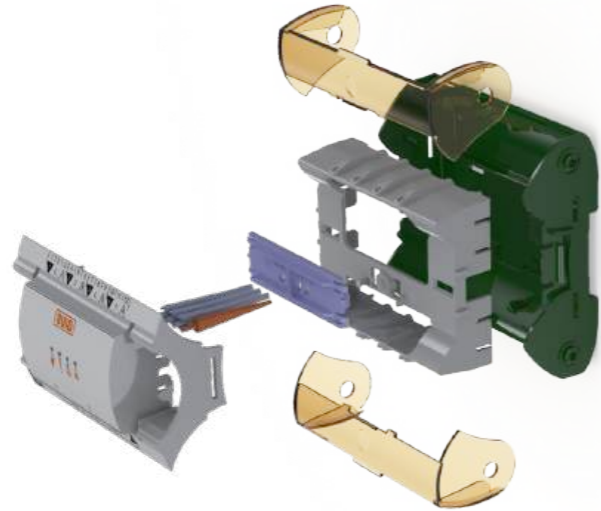
### Retail

Full Product Assemblies & Individual Components.



## Electrical Fuse Box Assembly

Multiple component fuse box assembly, manufactured with materials for functionality and visual properties finished off with tamper printed detail.



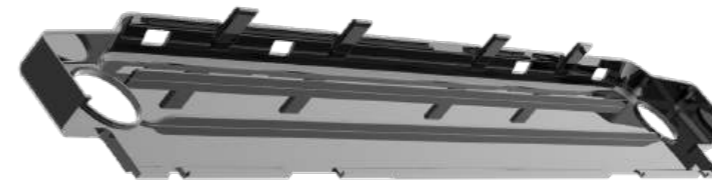
## Windscreen Bracket

Multifunctional Windscreen Brackets with flat springs assembled, the brackets hold driving assistance systems including cameras, rain sensors, traffic recognition and collision warning systems.



## 2K Injection Moulding

2K injected polypropylene and TPE with adhesive tapes applied – acts as a visual finisher and water repellent seal on vehicle exteriors.



## Engine Cooling System

Injection moulded baffles used to manage airflow around the Engine Cooling System and radiator. Glass filled material for strength and heat stability.



## INJECTION MOULDING

COBA's injection moulding capabilities have grown hugely in the last few years through both acquisition and investment in state of the art machinery and a skilled and reliable workforce.

With 21 high tech injection moulding machines in our new facility, and a clamping force ranging from 50 mT to 470 mT we can meet all of your plastic moulding needs.

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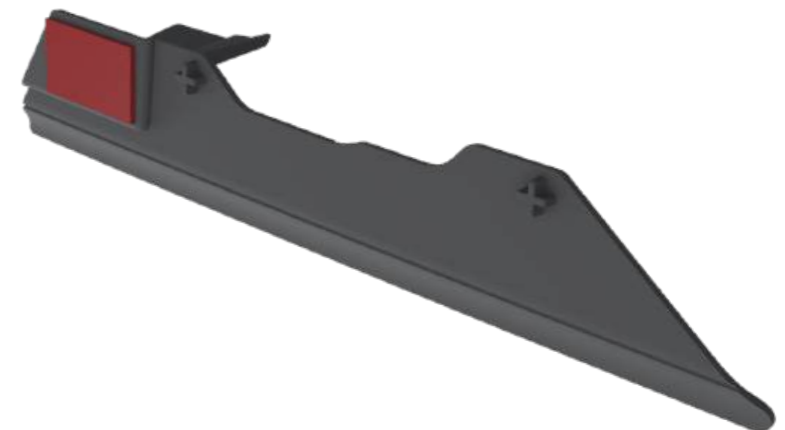


## 2K INJECTION MOULDING

The 2K or 'two-shot' injection moulding process opens a world of possibilities for component performance and/or cost reduction. Simply put, it allows us to combine multiple polymers in a single process, creating individual parts that perform multiple functions.

2K injection moulding is perfect for combining hard and soft plastics, but it's also ideal if you want to combine two colours of plastic in one mould. The first material injected is still hot and clean, enabling the best possible bond, and a much-reduced risk of burning.

Because of the chemical bond created between the two materials, outstanding adhesion is achieved; all without the thermoplastic portion requiring a chemical pre-treatment. The outcome of this is both an efficient and cost-effective process.





**O V E R M O U L D I N G**

Our ever-expanding and evolving overmoulding capabilities, combined with our expertise in product design simulations, weight saving material ideas and use of recyclable materials, allows us to be innovative in the market, and produce a wide range of highly technical components for many industries.

With new overmoulding machines across our facilities in Europe and Africa we add a sought after value added process to our extrusion and injection moulding capabilities.



**U L T R A S O N I C W E L D I N G**

Our in-house ultrasonic welding facilities use high frequency acoustic vibrations to weld plastic components together and are a key differentiator for COBA.

**O T H E R F I N I S H E S**

We can also offer other value added finishes and processes such as two colour moulding, chrome plating, lasering, pad printing and hot foil stamping.

Having these facilities within COBA provides a great opportunity for cost reduction for our customers as we can function as a one-stop-shop for full component production.

**A S S E M B L Y**

Alongside our value added finishes, COBA Plastics Group can offer a full assembly and second operations service.

Throughout the years, we've partnered on many bespoke projects with our customers. Our experienced team are thoroughly trained in each project by our Quality team whether it's a simply trimming flash and packaging or a complex assembly, ensuring an output that is consistently high-grade and on time.



Contact us today  
for information, advice  
and support.



**Get in touch**

- +44 (0)116 240 1000
- sales@cobaplasticsgroup.com
- COBA Plastics Group,  
5 Marlborough Drive, Fleckney, Leicester, LE8 8UR, United Kingdom

