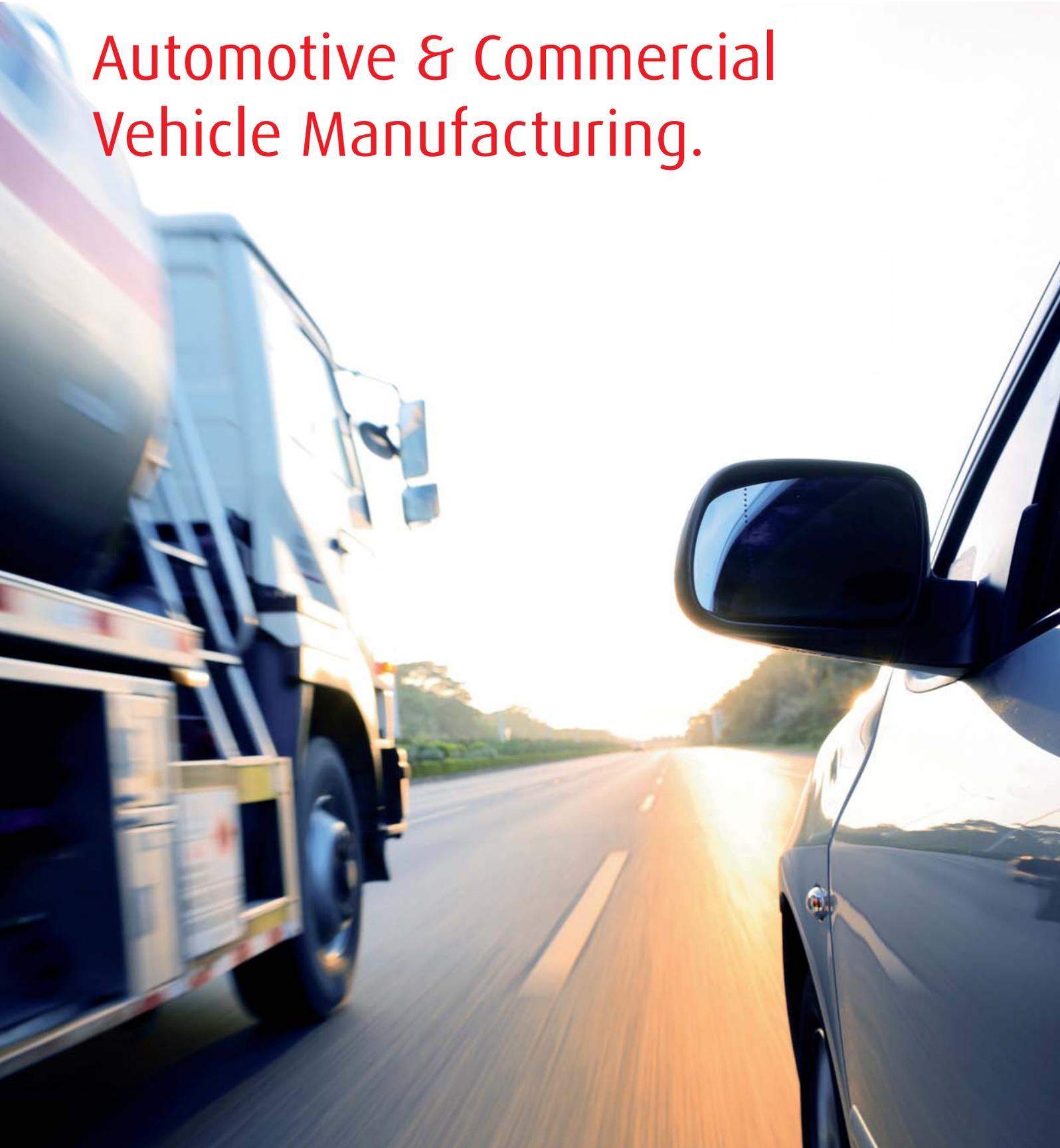


Automotive & Commercial Vehicle Manufacturing.



As the largest gas and welding distributor in the UK, BOC provides a comprehensive product and service offering to the automotive and commercial vehicle manufacturing industry.



A one stop shop

BOC understands the challenges faced in the automotive sector. With an increased emphasis on reducing weight and CO₂ emissions, improving processes and increasing productivity, BOC supplies a range of industrial products and services to customers across the automotive supply chain covering:

- Gas applications for welding, brazing and cutting
- Special gas mixtures, ideal for thermal spraying and heat treatment applications
- Speciality products for areas such as emissions testing
- Welding products and consumables
- Welding equipment and safety products
- Integrated Supply Management (ISM) services

Local technical expertise supported by global infrastructure

BOC has a network of technical support engineers and onsite customer development engineers to help optimise gas processes and advise on the correct gas to use to maximise productivity while achieving the desired finish.

In some cases, through our ISM offer, BOC are able to manage our customers end to end supply chains, taking on responsibility for both the purchase and refurbishment of critical components and consumables.

Supply solutions for customers of all sizes

BOC offer a range of supply solutions to suit all customer requirements, from cylinder and bulk supply to onsite gas generation.

BOC also has a network of 65 Gas & Gears and 315 agents serving some of the Tiered manufacturers allowing smaller customers to collect their gas cylinders, while replenishing their stocks of welding consumables, hard goods and safety products.

BOC's automotive reference guide

BOC does have available upon request, a comprehensive guide detailing those products and services to this sector outlining the importance in selecting the right process and choosing the correct gas mixture.

For a copy of this guide, please speak to your local field account manager.

Shielding & Fuel Gases

Whether you are welding, cutting or brazing, selecting the correct process and gas can have a critical impact on your productivity, your costs and the quality of the finished component.

BOC's reference guide considers the use of carbon steel, stainless steel and aluminium and the merits of using different welding and brazing techniques, whilst considering the use of pure argon versus argon based mixtures comprising quantities of carbon dioxide, oxygen, hydrogen and helium.



BOC provides a range of value added technical services covering all material types.



BOC's Gas & Gear in Leeds.

Thermal Spraying

The use of thermal spraying is becoming an increasingly critical process, as manufacturers strive to improve the toughness and corrosion resistance of engine components such as crankshafts, pistons and valves.

We can offer advice on the following spraying processes and the optimal gas mixtures to achieve the desired finish:

- Flame spraying with wire
- High velocity oxy fuel spraying (HVOF)
- Cold spraying
- Arc spraying

Speciality Gas Products & Equipment

BOC provide speciality gas mixtures for exhaust emission gas analysis, evaporative loss testing, engine performance, and crank house emissions.

As requirements become more critical and with Euro V coming into effect in September 2014, our account managers can provide support and advice on the best gas and equipment for you. Further detail can also be found in our automotive reference guide.

Welding Products, Equipment, Consumables and Safety Products

As the leading supplier of welding products and equipment to this sector, BOC has a nationwide network of retail Gas & Gears and agents to serve all of our customers needs, regardless of size and location.

Through BOC's Direct channel, we offer an 'Integrated Supply Management' service to some of the largest manufacturers, who benefit from having their welding related supply chains consolidated from multiple suppliers to just one through BOC.

As part of this offering, BOC also provide a welding product refurbishment program avoiding the need to replace 'old' with 'new', undertaking technical audits ensuring our customers gas processes are optimised.

Local Technical Service Support

BOC offer a range of additional technical services including welding and safety training, CP7 checks and technical audits. Some of these are carried out either on a customer's site or at our Manufacturing Technology Centre in Wolverhampton. Talk to your account manager or visit your local Gas & Gear to find out more.

BOC ensures our automotive and commercial vehicle manufacturing customers get the parts they need, when and where they need it, while optimising your welding process and maximising your productivity.

BOC – turning ideas into solutions.

BOC is a member of The Linde Group, the leading global gases and engineering company. BOC is the UK's largest provider of industrial, specialist and medical gases, as well as related products and services. As a leader in the application of technology, we are constantly looking for new ways to provide our customers with high quality products and innovative solutions.

At BOC we help our customers to create added value, clearly discernible competitive advantage and hence greater profitability. To achieve this we have a comprehensive range of products and services, and technical support which can be customised to meet the individual requirements of our clients.

To keep ahead of the competition in today's market, you need a partner for whom quality, service, process and productivity optimisation are an integral part of customer support. We are there for you and with you, helping to build your success.

BOC's reputation has been forged through partnerships – with customers, with relevant regulatory authorities and with key suppliers. In this way, we deliver comprehensive and consistent benefits to you.

BOC – world-leading knowledge and resources adapted to local requirements.

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