



VALUE ENGINEERING FROM START TO FINISH

www.jcmetalworks.co.uk



EXPERIENCE EXCELLENCE IN **METAL FABRICATION** WITH JC METALWORKS



With over 35 years of industry experience, JC Metalworks is a trusted name in metal fabrication and custom solutions. Our skilled professionals bring unparalleled expertise to every project, delivering value engineering and tailored solutions that exceed expectations.

Our state-of-the-art facilities, equipped with the latest technology and machinery, enable us to tackle projects of any scale and complexity.



OUR SERVICES INCLUDE:

 **DESIGN & ENGINEERING**

 **PROJECT MANAGEMENT**

 **CUTTING**

 **FORMING**

 **FABRICATION**

 **FINISHING**

 **ASSEMBLY & PACK**

 **STORAGE & DISPATCH**

DESIGN & ENGINEERING



Our design engineers have expertise in value engineering and precision techniques. They can transform your product design concept into detailed, engineered drawings ideal for manufacturing and fabricating precision metalwork.





PROJECT MANAGEMENT



We are proud of our project management which is both efficient and effective. Our project engineers are dedicated to overseeing every aspect of your project, ensuring seamless coordination and timely execution. We prioritise clear communication and close collaboration from the initial consultation to the final delivery. Our focus on detail-oriented planning and resource allocation ensures that project milestones are met with precision.

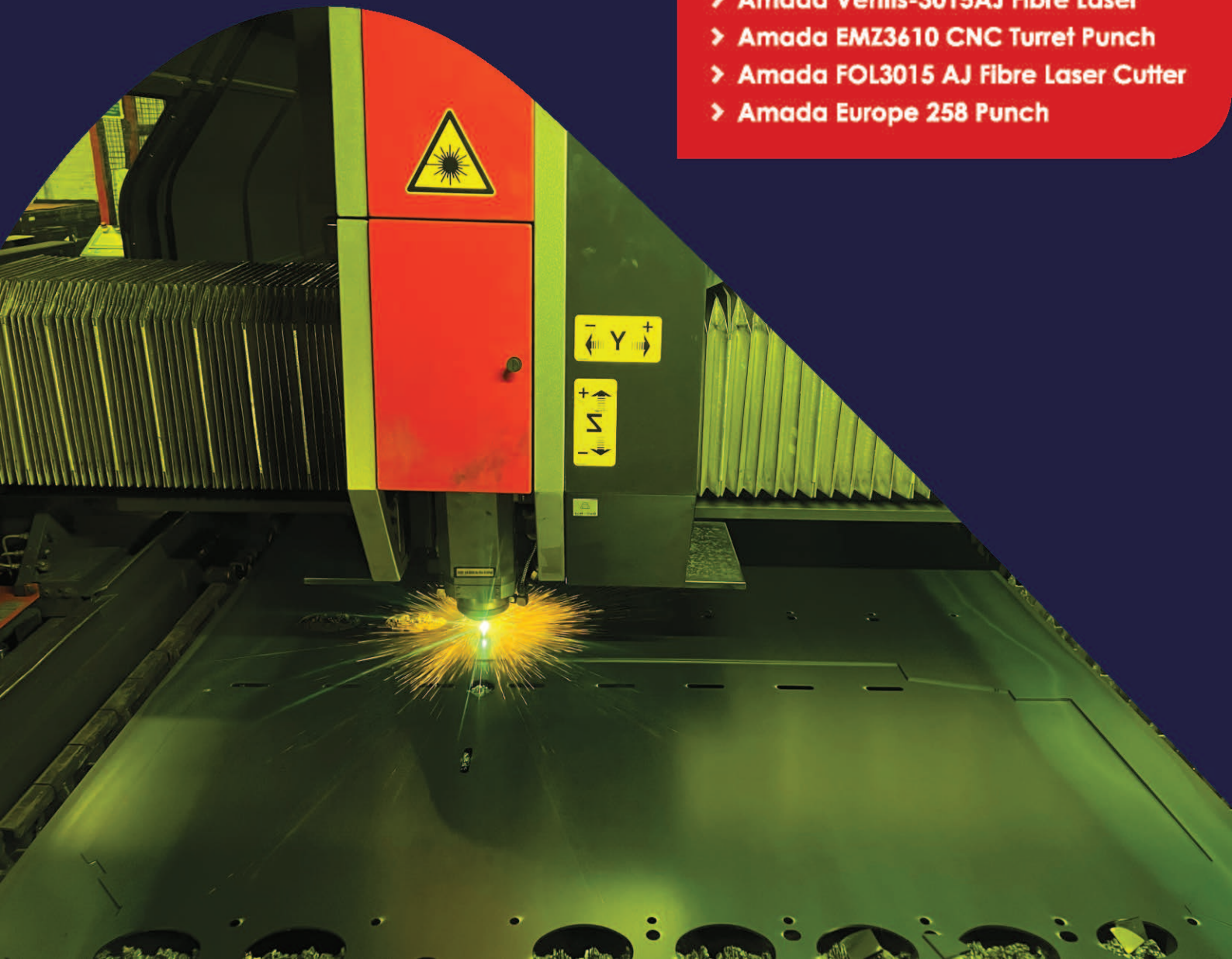
CUTTING



Our metal-cutting services offer diverse techniques, such as advanced fibre laser cutting and automated punching. We achieve precise and intricate cuts on various metals with exceptional speed and accuracy using cutting-edge fibre laser technology. Our punching capabilities enable us to produce clean, accurate holes, notches, louvres and shapes in metal sheets, ensuring optimal design flexibility. We ensure exceptional edge quality and minimal distortion on thick and thin metal sheets, meeting even the most demanding requirements.

CAPABILITY

- Amada Ventis-3015AJ Fibre Laser
- Amada EMZ3610 CNC Turret Punch
- Amada FOL3015 AJ Fibre Laser Cutter
- Amada Europe 258 Punch





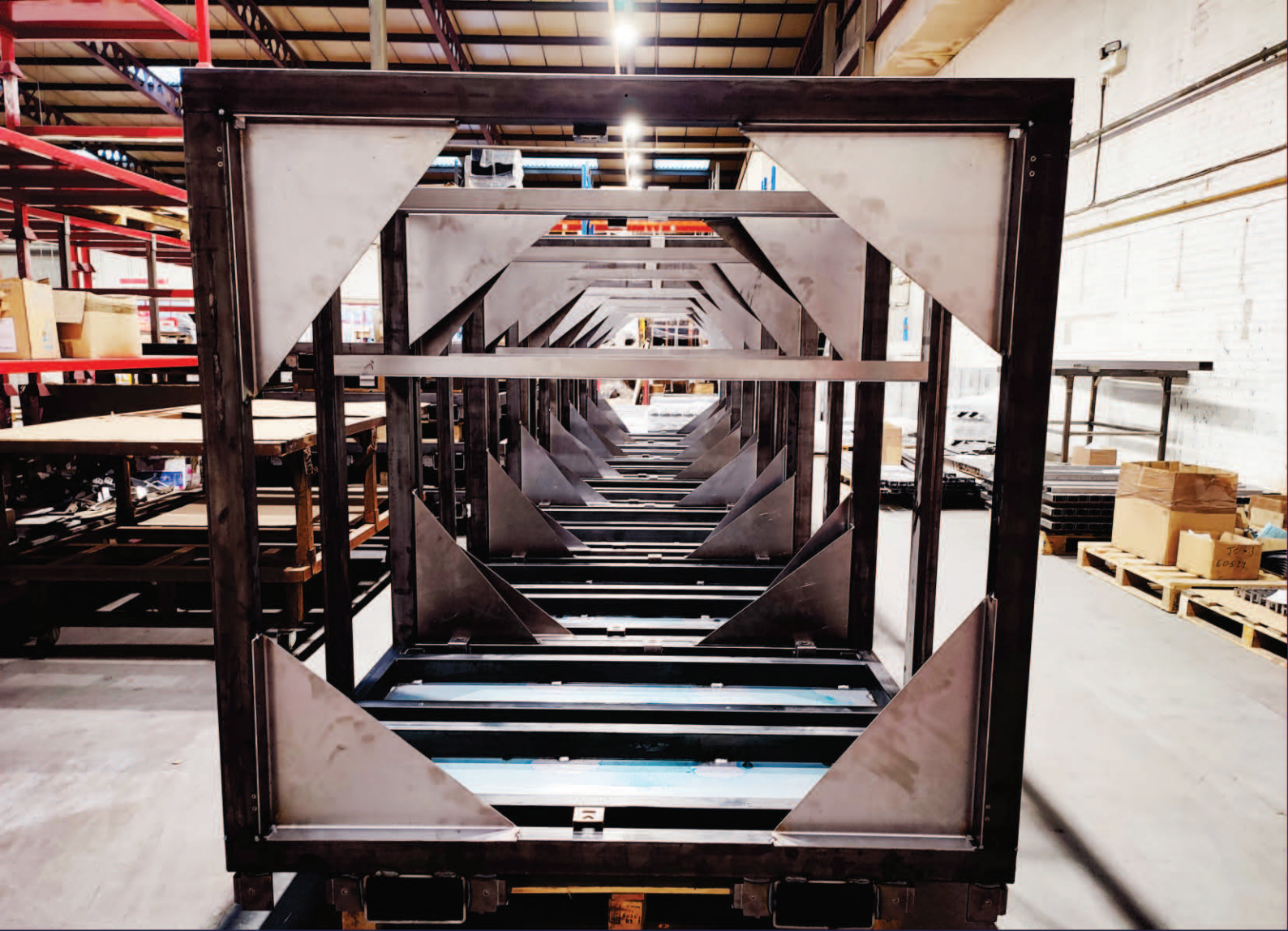
FORMING



We have exceptional metal forming capabilities, allowing us to create complex and custom designs with precision. Our skilled technicians use advanced equipment and techniques to achieve accurate bends, curves, and contours. Whether a simple bend or intricate form, our metal forming processes ensure optimal strength, functionality, and impeccable finish in the final product. We provide versatile solutions for diverse applications that meet your specifications, delivering high-quality results.

CAPABILITY

- › Salavagnini automatic panel bender
- › LVD Easy Form Press › brakes
- › HRB-ATC Amada machine
- › 2 Amada press brakes
- › 2 Haegler insertion machines



FABRICATION



Experience high-quality welding services at JC Metalworks. Our skilled team is equipped with the latest technology and employs various techniques, including TIG, MIG, spot, and robotic welding. We provide consistent and strong welds for all welding projects, from intricate designs to large-scale ones.

CAPABILITY

- TIG, MIG, SPOT Welding
- TIG Robotic Welding System
- MIG Robotic Welding System
- Specialised Finishing Room
- 14 Welding Bays with Extraction Systems
- 2 Extended Bays with Lifting Equipment

FINISHING



Transform your metal products with our professional powder coating service at JC Metalworks. Our automatic CNC powder coating booths apply a durable and high-quality powder coating finish, enhancing the appearance and providing excellent protection against corrosion and wear. With a wide range of colours and finishes, we can achieve the desired colour or finish for your project. Our efficient process ensures quick turnaround times without compromising on quality.

CAPABILITY

- › ITW Gemma powder coating facility
6 automatic coating guns, and a 2 metre-per-minute track speed.
- › Facilitate mild steel, stainless steel and aluminium in any colour, varying gloss levels, ripple, textured and even tinted/clear lacquers.





ASSEMBLY & PACKAGING



We offer Assembly & Packaging services that are both efficient and reliable. Our team of experts are highly skilled in assembling and packaging metal products with the utmost care and attention to detail. We guarantee precise fitment and secure integrations for optimal functionality, no matter the size of the components or assemblies. Our packaging solutions are designed to ensure your products' safe transportation and protection, minimising the risk of damage during shipping.

CAPABILITY

Our expertise in assembly services goes beyond metal parts. With a dedicated area of over 15,000 sq. ft, we are equipped to handle non-metal parts, such as electrical components, glass, plastic components, joinery, vinyl graphics, screen-printing, and lighting, with ease and precision.



STORAGE & DESPATCH



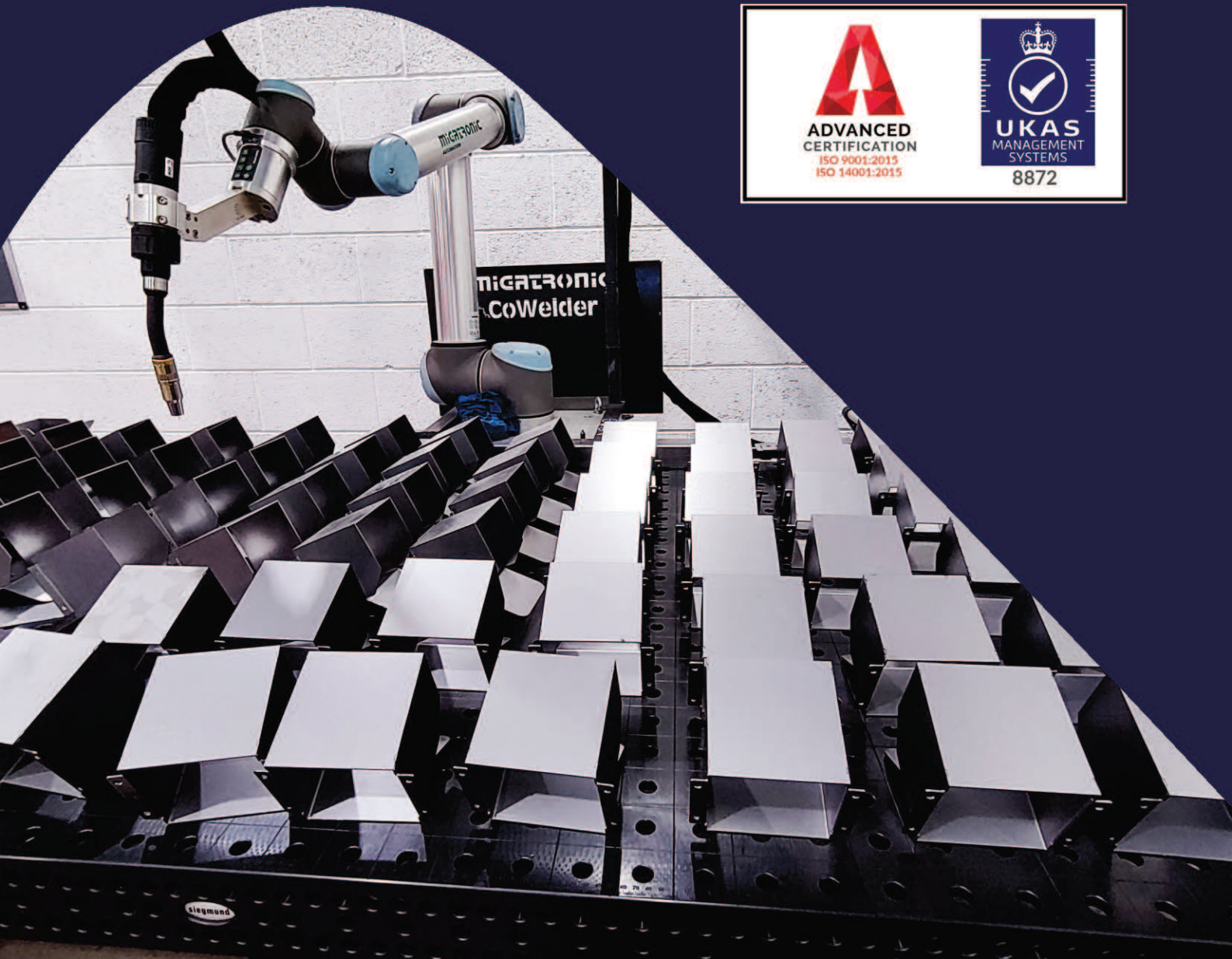
Experience seamless storage and dispatch services with JC Metalworks. Our state-of-the-art facility provides secure and organised storage for your metal products. With an all-inclusive assembly service, we can directly dispatch to your clients. Additionally, our facility offers storage space and inventory management, which helps ensure efficient distribution. With our reliable dispatch system, you can trust that your products will be delivered promptly and to the correct destinations.

QUALITY MANAGEMENT SYSTEM



JC Metalworks is ISO 9001:2015 & ISO 14001:2015 certified by a UKAS Accredited Certification Body. By employing a rigorous QMS procedure, we have optimised the quality of our products or services by improving efficiency and reducing errors.

We adhere to strict quality control processes throughout manufacturing, ensuring our products meet or exceed industry standards. Our dedicated quality assurance team conducts thorough inspections and tests to guarantee the highest precision, durability, and functionality. With QMS at the core of our operations, we consistently strive for excellence and customer satisfaction in everything we do.

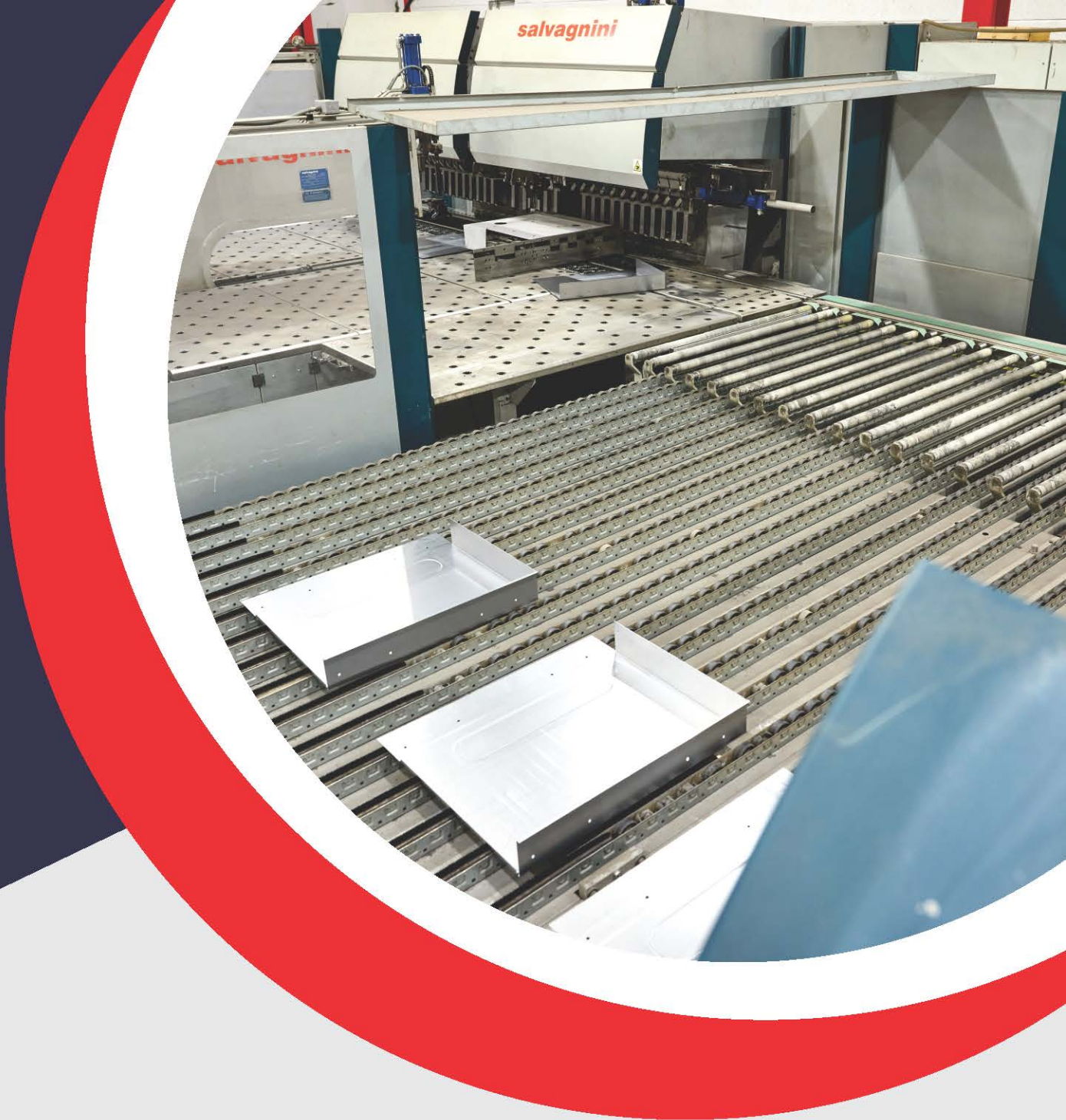




PROTOTYPING



At JC Metalworks, we provide prototype services crucial to product development. Our services range from design assistance, prototype development, testing, and seamless transition to full-scale production. We create initial versions of products or parts for assessment, testing their strength, durability, and functionality to guarantee they meet specifications and standards.



COMMITMENT TO SUSTAINABILITY



At JC Metalworks, we are dedicated to sustainability and reducing our environmental impact through energy efficiency measures. We prioritise implementing energy-efficient practices throughout our operations to minimise our carbon footprint. By leveraging advanced technologies and optimising our manufacturing processes, we strive to conserve energy and reduce waste. Our commitment to energy efficiency benefits the environment and allows us to provide you with sustainable solutions that align with their eco-conscious goals.

INDUSTRIES AND SECTORS WE SUPPORT



JC Metalworks proudly supplies sheet metal fabrications and precision-engineered metal products to leading companies in various industries. With a strong focus on customer satisfaction, we serve sectors such as durability, and functionality to guarantee they meet specifications and standards.

- › **Digital Signage**
- › **Scientific**
- › **Construction**
- › **Power**
- › **Transport**
- › **Medical**
- › **Telecommunications**
- › **Food processing**
- › **Defence**
- › **Security**
- › **Retail**

Our collaborative approach with industry partners ensures high productivity and top-quality products.

By prioritising continuous development and offering competitive pricing, JC Metalworks remains a frontrunner in metal fabrication services across the UK. We provide a comprehensive supply chain service encompassing innovative product design, prototyping, volume production, and assembly facilities. Our fully accredited operations adhere to the highest quality benchmarks, ensuring exceptional outcomes for your products.



**Contact JC Metalworks today to discuss
your requirements and experience the
difference of working with a trusted metal
fabricator.**

Call us at 01509 233280

**or email us at sales@jcmetalworks.co.uk
and we'll be happy to assist you.**