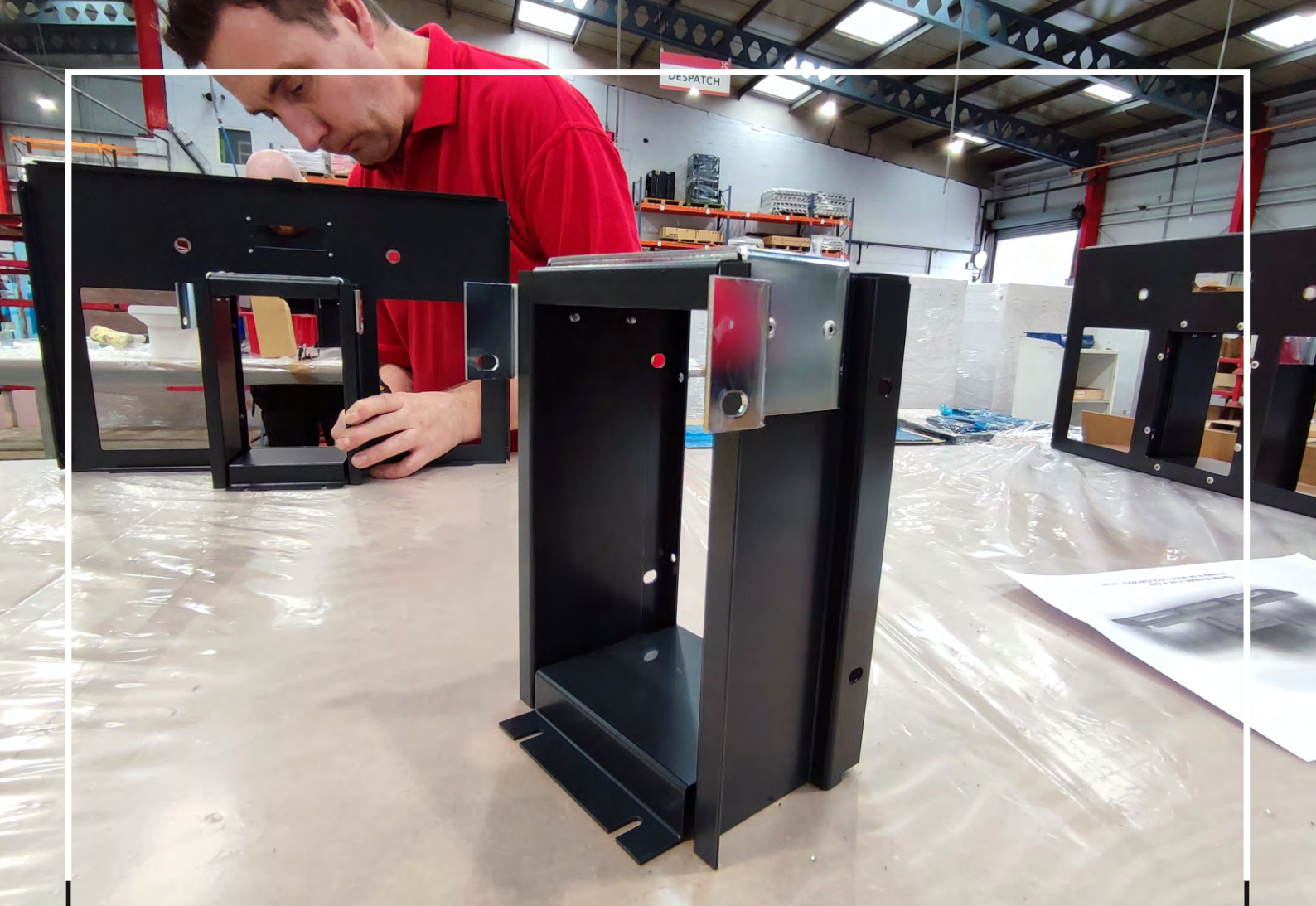




POWERING THE FUTURE:

Your expert partner in EV charging infrastructure

JC Metalworks is leading the way in providing high-quality, custom-fabricated components and solutions for sustainable EV charging infrastructure. We understand its critical role in driving the widespread adoption of electric vehicles.



HIGH-PERFORMANCE METAL SOLUTIONS FOR EV CHARGING INDUSTRY

JC Metalworks is a leading provider of precision metal fabrication services, specialising in metal components for electric vehicle (EV) chargers and charging stations. With a proven track record spanning 35 years, we have solidified our position as a trusted partner as a top-tier sheet metal fabricator. Our deep industry knowledge and advanced manufacturing capabilities enable us to deliver high-quality, custom-engineered metal solutions that meet the rigorous performance, durability, and safety standards demanded by this rapidly evolving sector.

OUR EXPERTISE

Our team of skilled engineers and technicians possesses extensive experience in:

METAL SELECTION AND PROCESSING

We have a deep understanding of various metal alloys and their properties, enabling us to choose the optimal materials for each component. Our advanced processing techniques ensure precise dimensions, superior strength, and durability.

COMPONENT DESIGN AND ENGINEERING

We collaborate closely with our clients to design and engineer components that meet specific requirements and performance standards. Our expertise in metal fabrication allows us to optimise designs for cost-effectiveness, efficiency, and reliability.

MANUFACTURING PRECISION

We employ state-of-the-art equipment and adhere to strict quality control measures to deliver components with exceptional accuracy and consistency. Our commitment to precision ensures seamless integration into EV charging systems.

CUSTOMISATION AND FLEXIBILITY

We understand that every EV charging project has unique needs. Our flexible approach allows us to tailor our services to meet specific requirements, from small-scale components to large-scale infrastructure projects.



EV charging expertise: From components to complete stations

We offer a comprehensive understanding of the EV charging ecosystem, with expertise in designing and manufacturing the following:

EV CHARGER COMPONENTS:

ENCLOSURE SHELLS

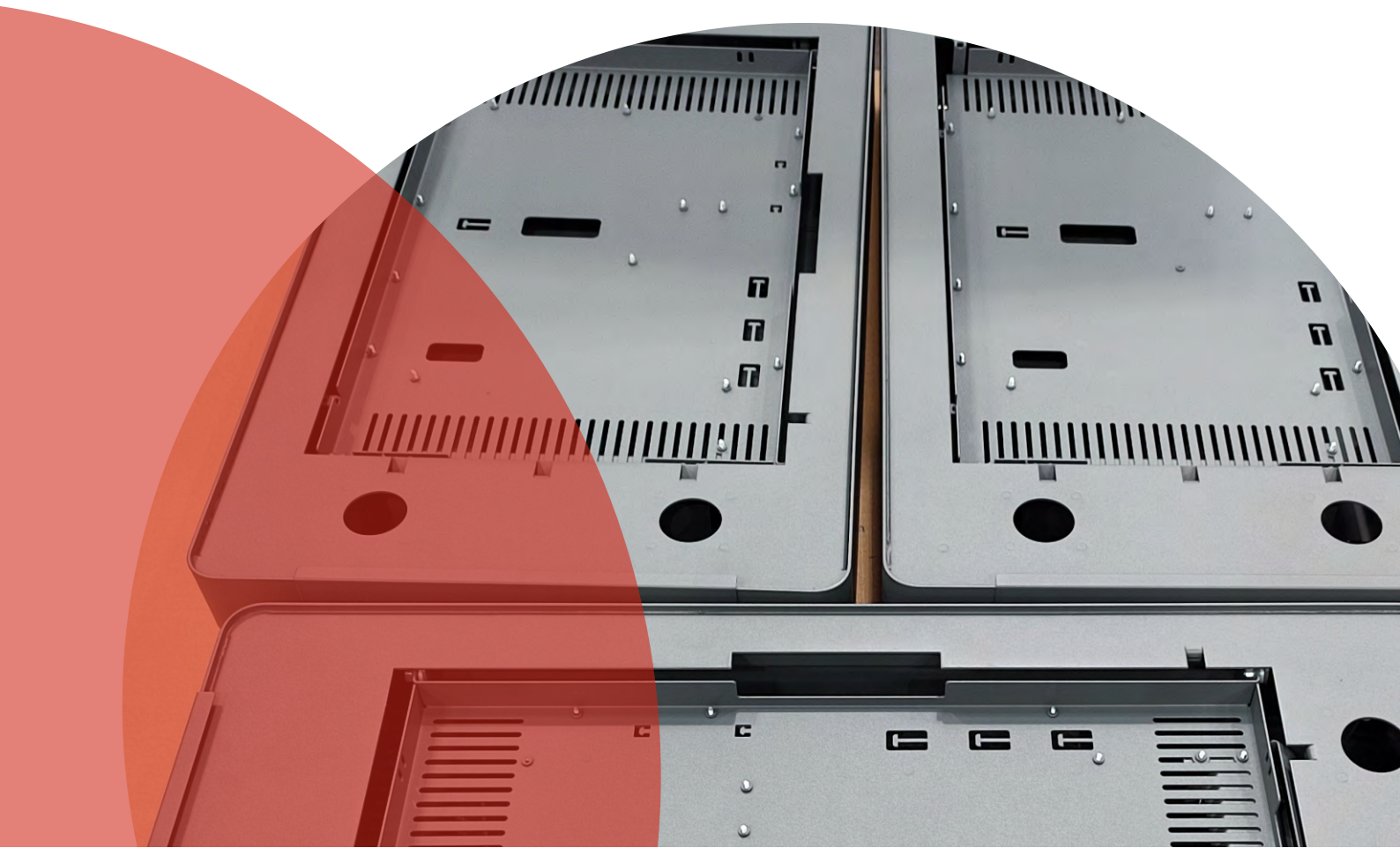
We create durable and weatherproof enclosures using high-quality sheet metal and stainless steel. These enclosures house the vital electronic components of the charging station, protecting them from environmental factors, vandalism, and accidental damage. Our expertise in welding and finishing ensures a clean aesthetic and optimal functionality.

POWER CHARGING PILLARS

We fabricate sturdy and visually appealing pillars to support the charging units and provide a convenient connection point for electric vehicles.

FEEDER CABINETS

Our custom-designed feeder cabinets house and safeguard the electrical components responsible for distributing power to the charging units. We ensure proper ventilation and accessibility for maintenance purposes.





STATION ENCLOSURE SHELLS

For comprehensive charging station solutions, we offer the fabrication of complete station shells. These encompass all necessary components, including user interfaces, payment systems, and integrated signage.

CHARGER PEDESTALS

We design and fabricate pedestals that securely mount the charging units at an optimal height for user convenience and accessibility.

CUSTOM-MOUNTED BASES

We can create custom-designed bases to accommodate various charging station configurations and site requirements. This ensures a secure and stable foundation for the charging infrastructure.

RACK MOUNTS & STANDS

Our expertise extends to fabricating rack mounts and stands that organise and support multiple charging units within a single station.

METAL BOXES

We manufacture robust metal boxes for housing additional electrical components or control systems associated with the charging station.

STAINLESS STEEL STAMPING BRACKETS

We utilise precise stamping techniques to create custom-designed stainless steel brackets for mounting various EV charging components within the station.

UNMATCHED EXPERTISE FOR A SUSTAINABLE FUTURE

Beyond our fabrication capabilities, JC Metalworks offers several key advantages that make us your ideal partner for EV charging infrastructure:

DURABILITY & RELIABILITY

We prioritise the use of high-quality materials and robust construction techniques to ensure your EV charging components and stations withstand harsh weather conditions, heavy usage, and potential vandalism.

WEATHERPROOFING & CORROSION RESISTANCE

Our enclosures and components are designed and finished to resist corrosion from rain, snow, and other environmental elements. This guarantees long-lasting performance and minimal maintenance needs.

SAFETY & REGULATORY COMPLIANCE

Safety is paramount. We adhere to all relevant safety regulations and industry standards for EV charging infrastructure. Our components are designed to prevent electrical hazards and ensure user safety.

AESTHETICS & BRANDING

We understand the importance of visual appeal for public charging stations. We offer various finishing options and can incorporate your branding elements to create a visually cohesive and aesthetically pleasing charging experience.

QUALITY ASSURANCE & TESTING

We maintain a rigorous quality control programme, ensuring every fabricated component undergoes thorough inspections and testing to guarantee functionality, safety, and durability.

ON-TIME DELIVERY

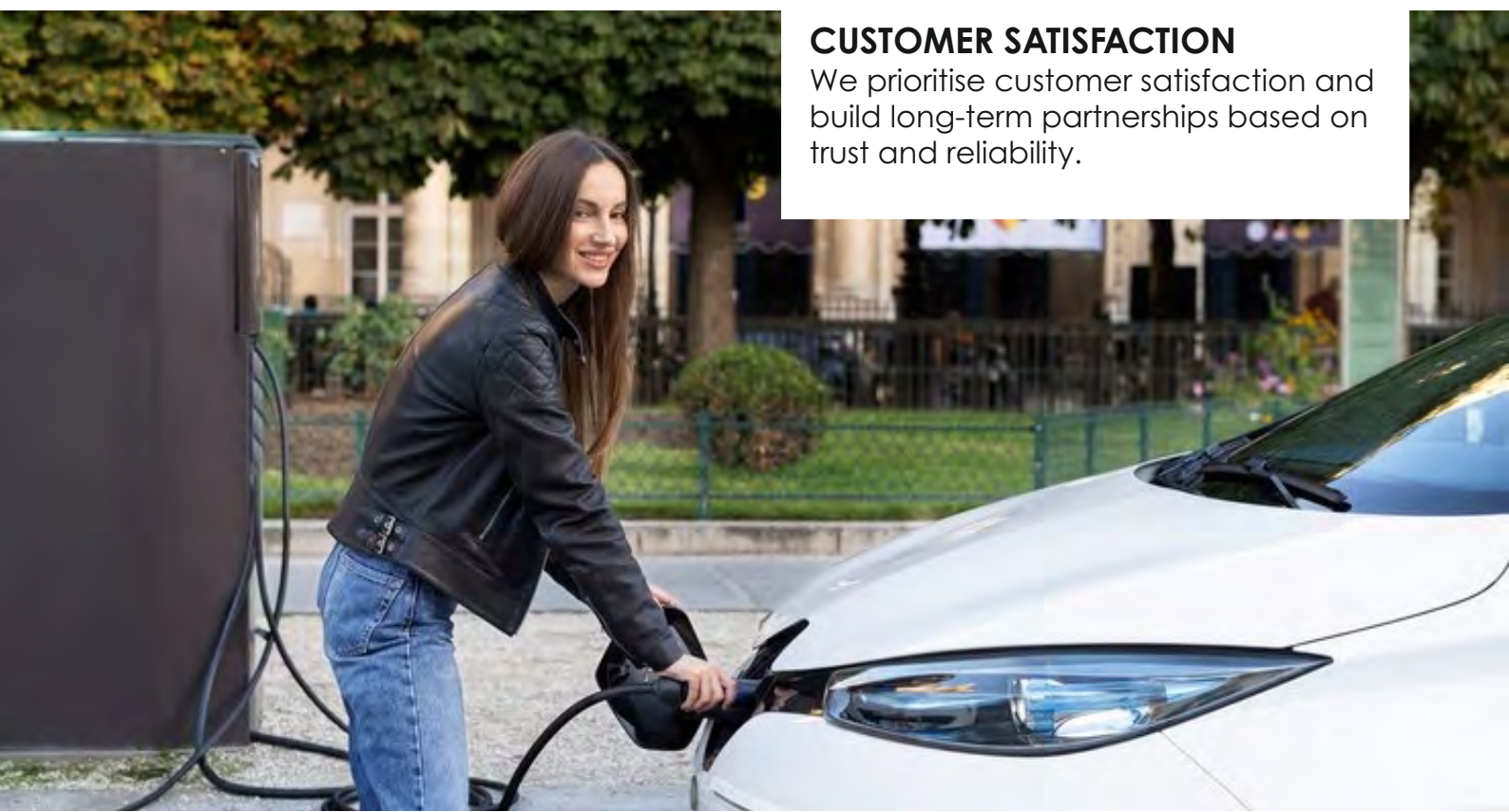
We understand the importance of meeting deadlines and strive to deliver components on time, every time.

COST-EFFECTIVE SOLUTIONS

Our efficient processes and optimised designs help you achieve cost savings without compromising quality.

CUSTOMER SATISFACTION

We prioritise customer satisfaction and build long-term partnerships based on trust and reliability.



Our services include:



Metal cutting & punching

We use state-of-the-art machinery to cut and punch metal components for fabrication with precision.



Welding

Our certified TIG, MIG, spot and robotic welding ensures robust and aesthetically pleasing welds that create a strong and secure structure.



Powder coating

We offer a wide variety of high-quality powder coat finishes to create a durable and visually appealing exterior.



Forming

We utilise advanced metal bending technology, including two Amada press brakes, LVD Ultimate panel bending, Salvagnini PX4 machines, and an automatic HRB-ATC Amada press brake. This enables us to offer unmatched design flexibility and create custom shapes and structures to meet specific needs.

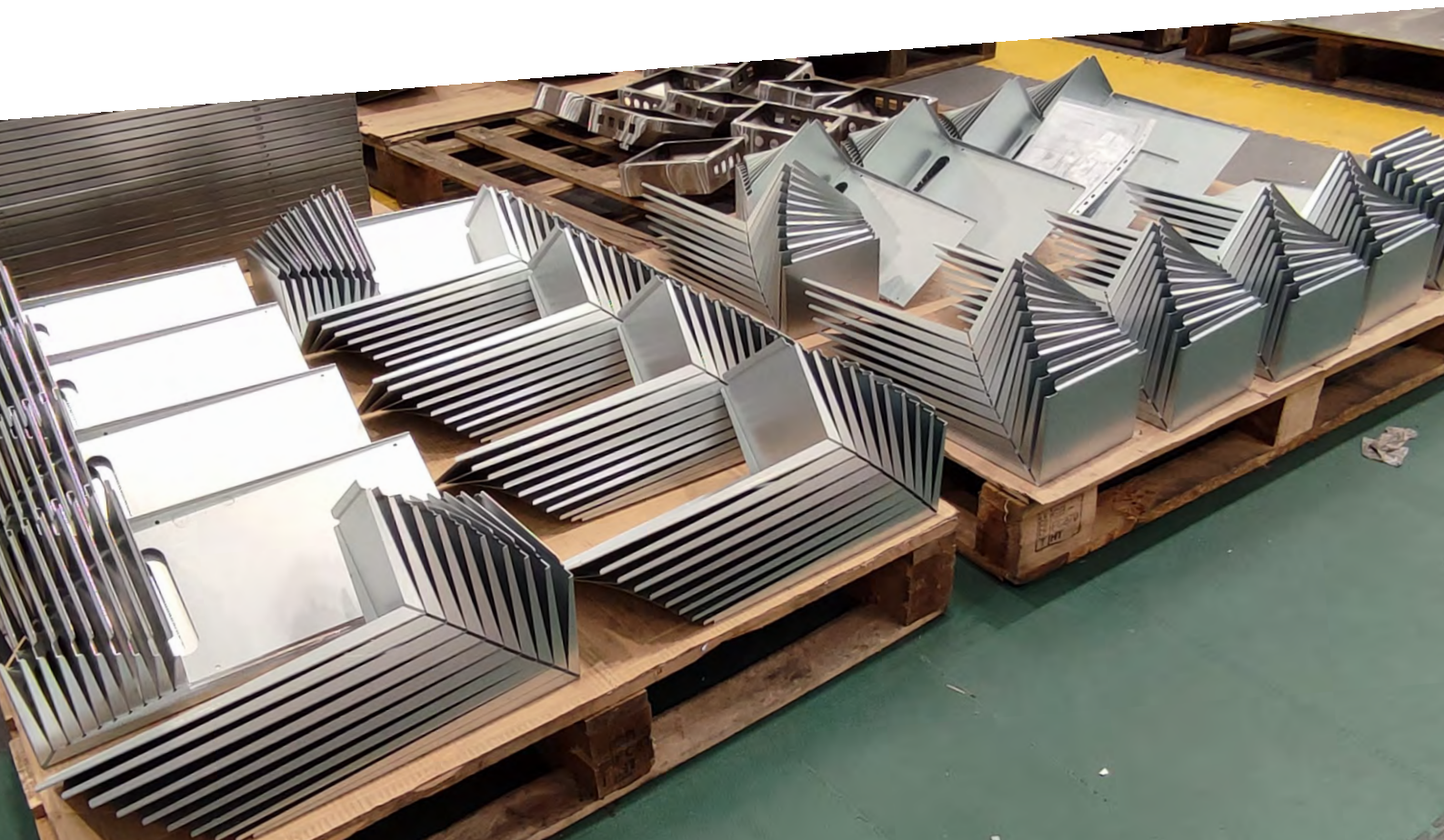


Assembly

Our experienced team meticulously assembles all components, ensuring a perfect fit and flawless finish.



Packaging & dispatch We take pride in secure packaging to protect your units during transport. We also efficiently handle dispatch to get your units delivered on time.





By choosing JC Metalworks as your metal fabrication partner, you gain a reliable and experienced collaborator dedicated to delivering exceptional components for your EV charging units.

Contact us today to discuss your project requirements and discover how we can help you achieve your goals.

**Call us at 01509 233280
or email us at sales@jcmetalworks.co.uk and
we'll be happy to assist you.**