



State of the art manufacturing – technology led, expertly driven

We turn your ideas into innovative, cost-effective solutions



About Cerro EMS

Cerro EMS is part of the Marmon Group, a Berkshire Hathaway Company, that provide financial backing and global management expertise – we are at the forefront of innovation in our field.

Worldwide Distribution

Cerro EMS is the largest producer of commercial non-ferrous forgings and machined components in the UK. Based in Birmingham and exporting to customers on four continents we have unrivalled expertise in forging and machining.

Industries

Working in partnership with our customers is critical to our success. This focus has aided Cerro EMS to build a strong client base, many of whom have been customers for over 20 years, across a multitude of industries and sectors including: gas utilities, electrical, welding, security, health care, automotive, marine, defence, hydraulic, amongst others.

History

We have been at the forefront of engineering excellence for over 200 years, we are the largest producer of commercial non-ferrous forgings and machined components in the United Kingdom.

Design Capabilities

The knowledge and expertise of our design and engineering team allows us to design, manufacture and deliver superior products. Utilising the very latest in simulation, 3D modelling and automation technology our expert team advise on design improvements to speed up product production and reduce material content.



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**Marmon
Holdings, Inc.**
A Berkshire Hathaway Company



Ready to discuss your project? Enquire today for tailored solutions and efficient collaboration.

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Forging

With our extensive range of forging equipment, including Friction, Crank, Sub-Press and Vice action capabilities to produce solid and cored forgings. The presses vary from high volume Hatebur and Hydromec equipment to semi-automatic and manually operated presses ranging from 100t up to 1400t capability.

Improving Product Performance And Reducing Costs

Cerro EMS has the know-how, and the equipment for forging non-ferrous metals for domestic and foreign customers. We specialise in forgings from non-ferrous metals such as alloys of aluminium, brass and copper.

The Cerro EMS Forging Process



Volume

The ability to produce low volume complex parts, to fully automated high volume batches. With our extensive range of forging equipment and presses of various types in operation we have the capability to produce solid and cored forgings. The presses vary from high volume Hatebur and Hydromec equipment to semi-automatic and manually operated presses up to 1400t capability.



Certified

We are BSI registered, operating a quality system to ISO 9001:2015, environmental management system to ISO 14001:2015 and health and safety management system to ISO 45001:2018. We understand the importance of quality, environmental accountability and employee welfare at every stage of the process from concept and design through to development, production and distribution.



Tonnage

Forging presses including friction, crank, sub-press and vice-press ranging from 150 tonne to 1400 tonne producing non-ferrous forgings up to 28 kilos



Non-ferrous

Specialists in precision shaping of non-ferrous metals through controlled heating and deformation, yielding high-strength, intricate components for diverse applications in across industries.

Machining

Our impressive range of CNC machines including robot fed Riellos and a Vertiflex machining centre, amongst others, provides the capability for three, four and five axis machining. Helping us to consistently deliver high quality, cost effective products for you. Our range of CNC machines allows us to cater for low to high volume production runs in varying degrees of complexity. Specialising in Machining of non-ferrous forgings from our in-house forge shop or free issue parts from our customer.

Precision Perfected: Seamless Forging And Machining Excellence

We take pride in offering a comprehensive spectrum of services – ranging from providing proofs to delivering fully machined forgings, all tailored to meet our customers’ exact specifications.

Versatility

Our machining capabilities extend across a diverse array of operations, accommodating both intricate and straightforward tasks on our meticulously forged components. This versatility ensures that we can seamlessly fulfil the most complex machining requirements with precision and expertise.

Trust Cerro EMS



Short To High Volume Runs

Our range of CNC machines allows us to cater for low to high volume production runs in varying degrees of complexity.



Complex Parts

Experience Cerro EMS for complex part production in a single operation. Streamlined efficiency for intricate components, minimising time and costs.



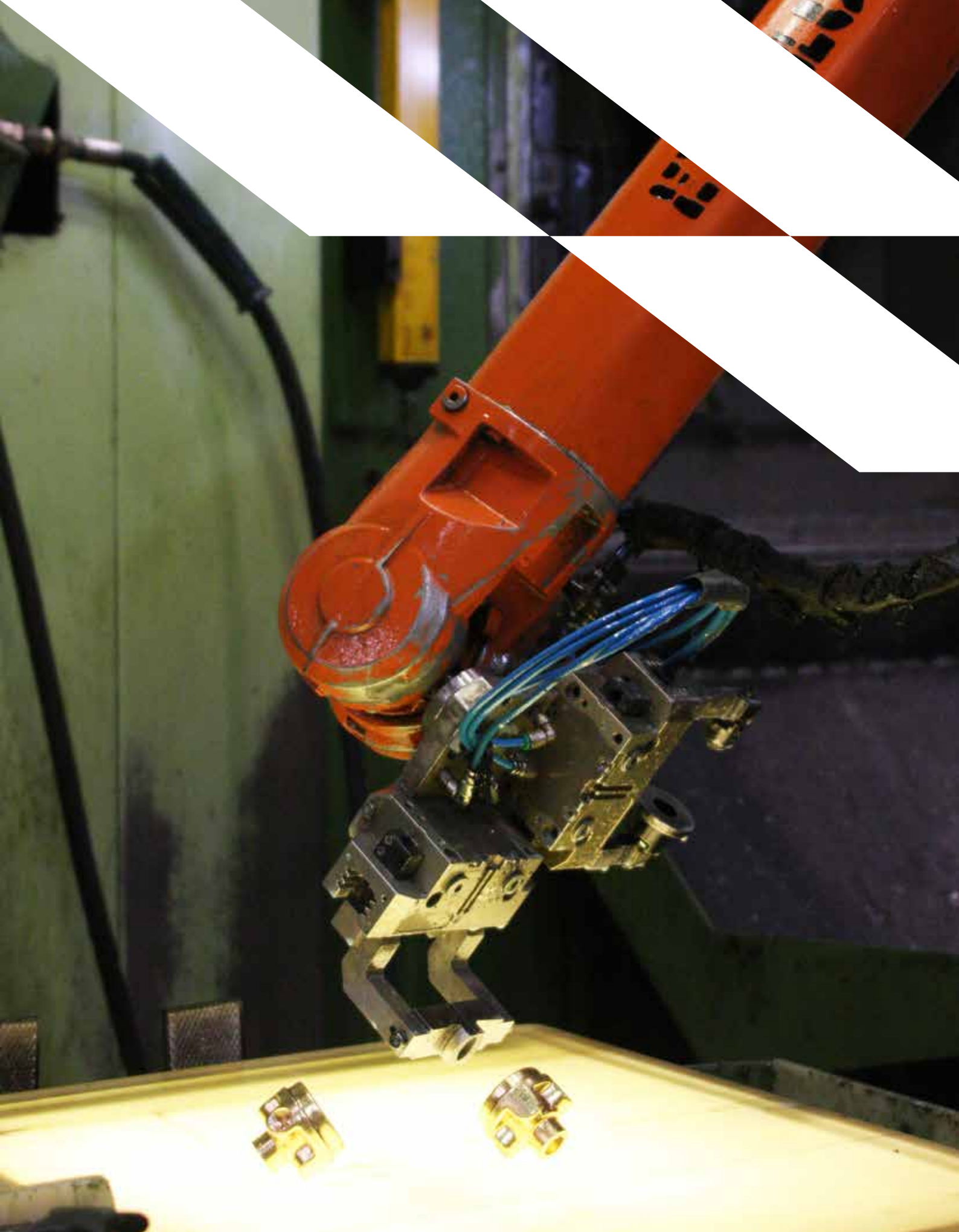
High Precision

High precision machining meets cost-effectiveness, ensuring quality without compromising your budget.



Efficient

Choose Cerro EMS for machining efficiency. Experience short cycle times and quick setup for prompt and precise job completion using the latest in lean techniques.



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Assembling

With our state of the art automation centres coupled with our skilled workforce we achieve faster cycle times, greater efficiency and repeatability, consistently delivering you significant savings. In addition we offer a fully assembled service to our customers. We specialise in offering our customers an OEM valve manufacturing and assembly service including fully tested and approved to a customers requirements including WRAS, NSF, KITEMARK and CE.

Technological Expertise

The synergy between advanced technology and seasoned expertise defines our methodology. This powerful combination not only meets industry standards but surpasses them, enabling us to deliver precise and efficient results. More importantly, it is the backbone of substantial savings throughout the entire process, proving that cost-efficiency can coexist with uncompromising quality.

Optimisation

Each step in our manufacturing process is optimised to reduce waste and enhance overall efficiency, ensuring that our clients experience the benefits of superior quality and significant cost savings without compromise.

The Cerro EMS Assembling Process



Low Set-Up Costs

We strive to minimise set-up costs, meaning our clients can confidently expect high-quality, precision machining without the burden of unnecessary financial overheads. We can offer a fully assembled product, giving the customer the flexibility of OEM manufacturing.



Quick Turnaround

Automation means we can work longer and faster, providing quicker turnaround times, even on large volume production runs. Ability to supply off the shelf



Consistent Quality

Elevate quality standards with consistently reliable products crafted to the same precise specifications every time, ensuring unwavering excellence.



Accuracy

Attaining a high level of accuracy significantly diminishes raw material waste and lowers production costs, optimising efficiency in the manufacturing process.

Engineering Competence

For over 200 years, Cerro EMS has been at the forefront of engineering excellence, consistently setting the benchmark for innovation and quality in the industry. Our commitment to optimise, innovate, and validate drives every project we undertake. By leveraging advanced simulation and 3D modelling technologies, we work collaboratively with you from the outset of the engineering process, ensuring your designs are optimised from the start.

Proactive Approach

This proactive approach allows us to predict product behaviour, test innovative concepts, and validate products, providing a deep understanding of your design choices before manufacturing begins. This saves you valuable time, money, and resources.

Collaboration

At Cerro EMS, we pride ourselves on our engineering collaboration. We actively encourage a synergistic relationship between our customers and engineering departments, striving to deliver the best service and value. Our ability to provide parts to certified standards, including WRAS, NSF, KITEMARK, and CE, ensures compliance and peace of mind.

Trust Cerro EMS



Engineering Collaboration

We actively encourage collaboration between the customer and our engineering departments. Striving to provide the best service and value to our customers.



Benefits

Integrating 3D printing and simulation into non-ferrous forging expedites design iterations, minimises waste, and enables the production of intricate components, enhancing precision and sustainability for cost-effective manufacturing.



Certification

Ability to provide parts to a certified standard including WRAS, NSF, KITEMARK and CE.



Applications

The precision afforded by 3D printing ensures intricate geometries, enhancing the overall quality of non-ferrous forged components. In sectors like aerospace and automotive, simulation aids in process optimisation, while 3D printing enables the creation of customised, lightweight parts crucial for efficiency.



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If you require top-tier components crafted to perfection, speak to us today and discover how our expertise can benefit your projects. Trust Cerro EMS for excellence in every detail.

Design Engineers

At Cerro EMS, we excel in delivering efficiency, precision, and cost-effectiveness in every project. Our commitment to optimising processes and material performance ensures that even the most complex geometries are accommodated with tight tolerances. We understand the importance of high-quality, intricately shaped components that not only meet stringent quality standards but also minimise production costs.

Management Support

We manage certifications for you, saving time and ensuring compliance through a streamlined and efficient process, giving you peace of mind. Our expert team navigates and secures necessary approvals, offering hassle-free compliance management and additional time savings.

Innovation And Efficiency

Experience the benefits of engineering collaboration by working with our team of experts. We provide innovative solutions, enhance efficiency, and ensure successful project outcomes. Additionally, our proficiency in non-ferrous materials like aluminium, brass, copper, and more guarantees precision, versatility, and quality results.

Why Cerro EMS Is The Right Choice



Certifications Manage

Certifications managed for you – save time, ensure compliance, and enjoy peace of mind with a streamlined and efficient certification process



Engineering Collaboration

Experience the benefits of engineering collaboration. Work with a team of experts for innovative solutions, efficiency, and successful project outcomes.



Approvals Secured

Let us seek and secure approvals for you. Gain a bonus of time saved, expert navigation, and hassle-free compliance management.



Non-ferrous

Opt for non-ferrous materials expertise. Our proficiency in aluminium, brass, copper, and more ensures precision, versatility, and quality outcomes.

Procurement Professionals

At Cerro EMS, our core focus is on delivering efficiency, cost-effectiveness, and reliability to our clients. Through the utilisation of high-quality materials and advanced forging processes, we consistently ensure optimal value for your investment. Every component we produce reflects our unwavering commitment to excellence, meeting stringent quality standards while minimising production costs.

Collaborative Relationships

Central to our approach is the cultivation of collaborative relationships with suppliers who share our values of innovation and competitive pricing. This approach guarantees peace of mind regarding availability and procurement, empowering you to navigate projects with confidence.

Procurement Strategies

Our dedication to providing successful procurement strategies within the non-ferrous forging industry underscores our passion for ensuring your projects run smoothly and efficiently.

Why Cerro EMS Is The Right Choice



UK Based

Choosing a UK manufacturer ensures high quality, product compliance, and assured ethical practices. You are supporting local economies and fostering dependable, transparent partnerships.



Stock Management

Experience peace of mind with stock management as standard. Opt for efficiency, timely deliveries, and streamlined operations with confidence.



Short Supply Chain

Opt for short supply chains for efficiency, reduced environmental impact, quicker response times, and strengthened relationships with suppliers.



Low Risk

Choose a low risk solution, with the financial backing of the Marmon Group. You benefit from stability, industry expertise, and reliable solutions for success.



Explore how Cerro EMS can elevate your projects with top-tier components and expert support. Partner with Cerro EMS today and experience the difference firsthand.

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Cerro EMS has been certified by BSI to ISO 9001 under certificate number FS 558329, ISO 14001 under certificate number EMS 620402 and ISO 45001 under certificate number OHS 620403

