



**We turn your ideas into innovative,
cost-effective solutions**

AUTOMATION



MACHINING



LOGISTICS



**SIMULATION &
3D MODELLING**



FORGING



QUALITY

The largest producer of commercial non-ferrous forgings and machined components in the UK.

State of the art manufacturing – technology led, expertly driven.

Utilising the very latest in simulation, 3D modelling and automation technology we provide expert advice on design improvements to **speed up production and reduce material content**. Our global customer base, spanning across multiple industries, benefits from our expertise in detailed design modifications improving product performance and reducing costs by continuous long term investment.

Global distribution – exporting to customers on 4 continents

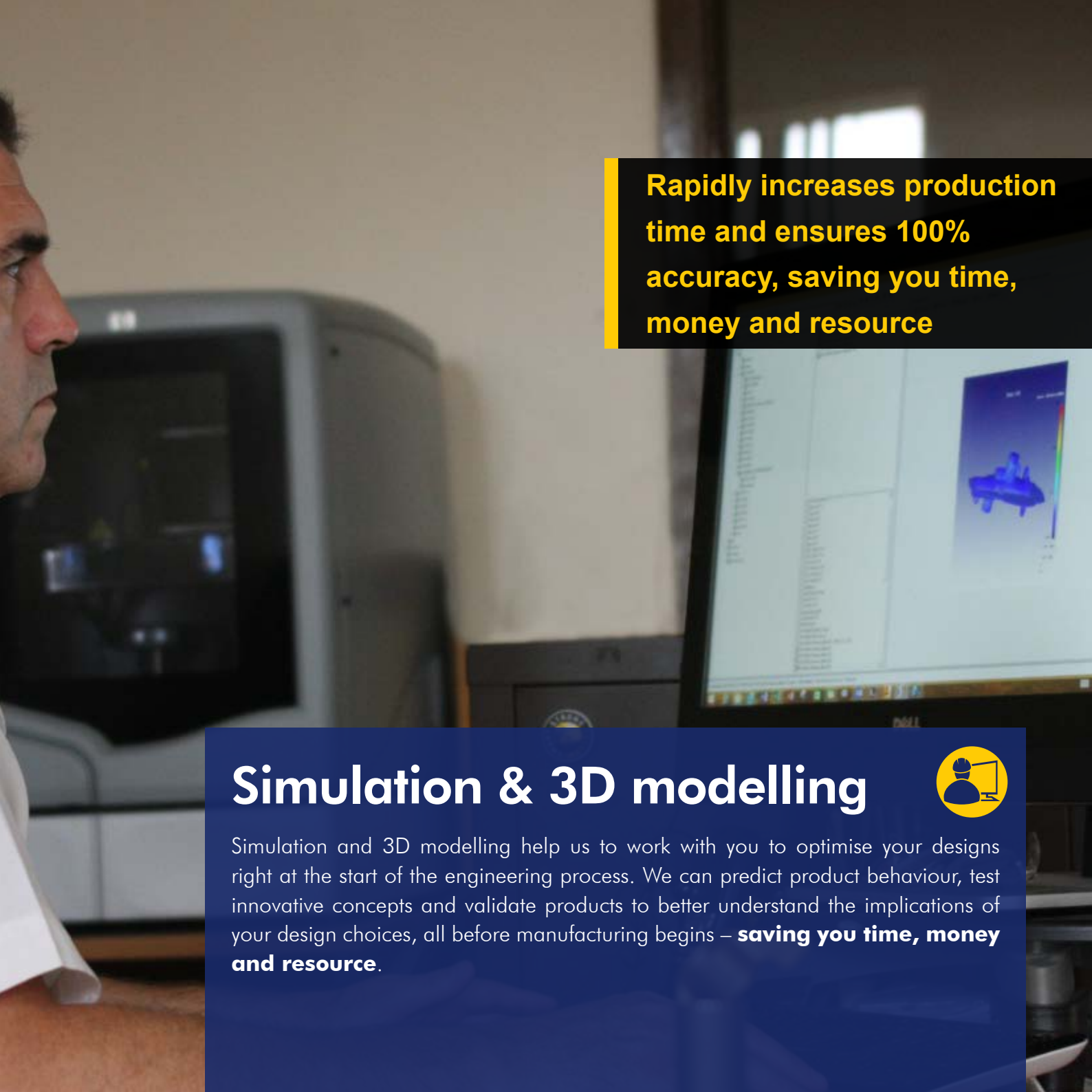
Quality built in

We are BSI registered, operating a quality system to ISO 9001:2008. We understand the importance of quality at every stage of the process from concept and design through to development, production and distribution.

End-to-end process

Our end to end lean manufacturing process flows with accuracy and efficiency from concept all the way through to distribution. Our combined use of technology and expertise delivers **significant savings** to you at every stage of the process without compromising on quality.





Rapidly increases production time and ensures 100% accuracy, saving you time, money and resource

Simulation & 3D modelling



Simulation and 3D modelling help us to work with you to optimise your designs right at the start of the engineering process. We can predict product behaviour, test innovative concepts and validate products to better understand the implications of your design choices, all before manufacturing begins – **saving you time, money and resource.**

Utilising cutting-edge technology to deliver significant savings and ultimate quality


EVOLUT

Automation



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:

- Set-up costs are kept to a minimum helping to **reduce overall production costs**.
- Robots work longer and faster, providing **quicker turnaround times**, even on large volume production runs.
- **Improved quality** with consistent and reliable products produced to the same specification every time.
- The high level of accuracy achieved **reduces raw material waste** and production costs.



**Precision forging
capability**

Forging



With our extensive range of forging equipment and over 20 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.

Over 5 million components
machined in our fully
equipped machining centres

Machining



Our impressive range of CNC machines including robot fed Riello and a Vertiflex machining centre, amongst others, provides the capability for 3, 4 and 5 axis machining, helping us consistently to deliver high quality cost-effective products for you:

- Production of short run parts in **any shape or material**.
- Production of complex parts in **one operation**.
- **High precision** machining and low cost.
- **Short cycle** and set-up times.

**Whatever you need
we have the flexibility
to meet your specific
quality control
requirements**

Logistics



Our stock and logistics solution provides you with total flexibility – **we work how you work whatever your requirements.**

- Consignment stock means you can 'pay as you use' reducing the need for large upfront payments.
- In-house stocking provides 'peace of mind' ensuring stock as and when you need it.
- Guaranteed delivery 'on time every time'.

Quality control



Based on your requirements our ISIR (Initial Sample Inspection Report) includes a detailed report and product sample. This can be provided on first or every batch depending on your specific requirements and product complexity.

In addition we carry out frequent quality checks and patrol inspections, all logged and available for you to view at any time. Our focus on quality continues throughout the whole process from inspection of the raw billets, manual checks as the billets are cut and then first off the press.



The best of UK innovation at your fingertips

At Cerro EMS (part of the Marmon Group – a Berkshire Hathaway company) we are at the forefront of innovation in our field. Cutting-edge technology coupled with unrivalled experience allows us to bring your unique products to market using cost-effective solutions - from design and development through to storage and distribution – **“it’s what we do best!”**.

Founded in 1836 we have been at the forefront of engineering excellence for almost 200 years.

Turn your ideas into innovative cost-effective solutions: contact our expert team today to discuss your specific requirements.

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A Marmon/Berkshire
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