



Rutland Plastics - Right People Right Partner



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A Safe Pair of Hands

You can count on us to bring your product to market. We will create a clear project management plan and ensure that you are kept informed about the project at each stage of the process. You will benefit from expert guidance and support on every aspect and we will do so collaboratively with the promise that you'll always be able to speak to our technical team whatever your query.

You can rely on us to always be here for you; we maintain a financially secure position and by reinvesting in the latest equipment, sustainable manufacturing and the training of our staff, we will continue to guarantee high standards in quality and service.

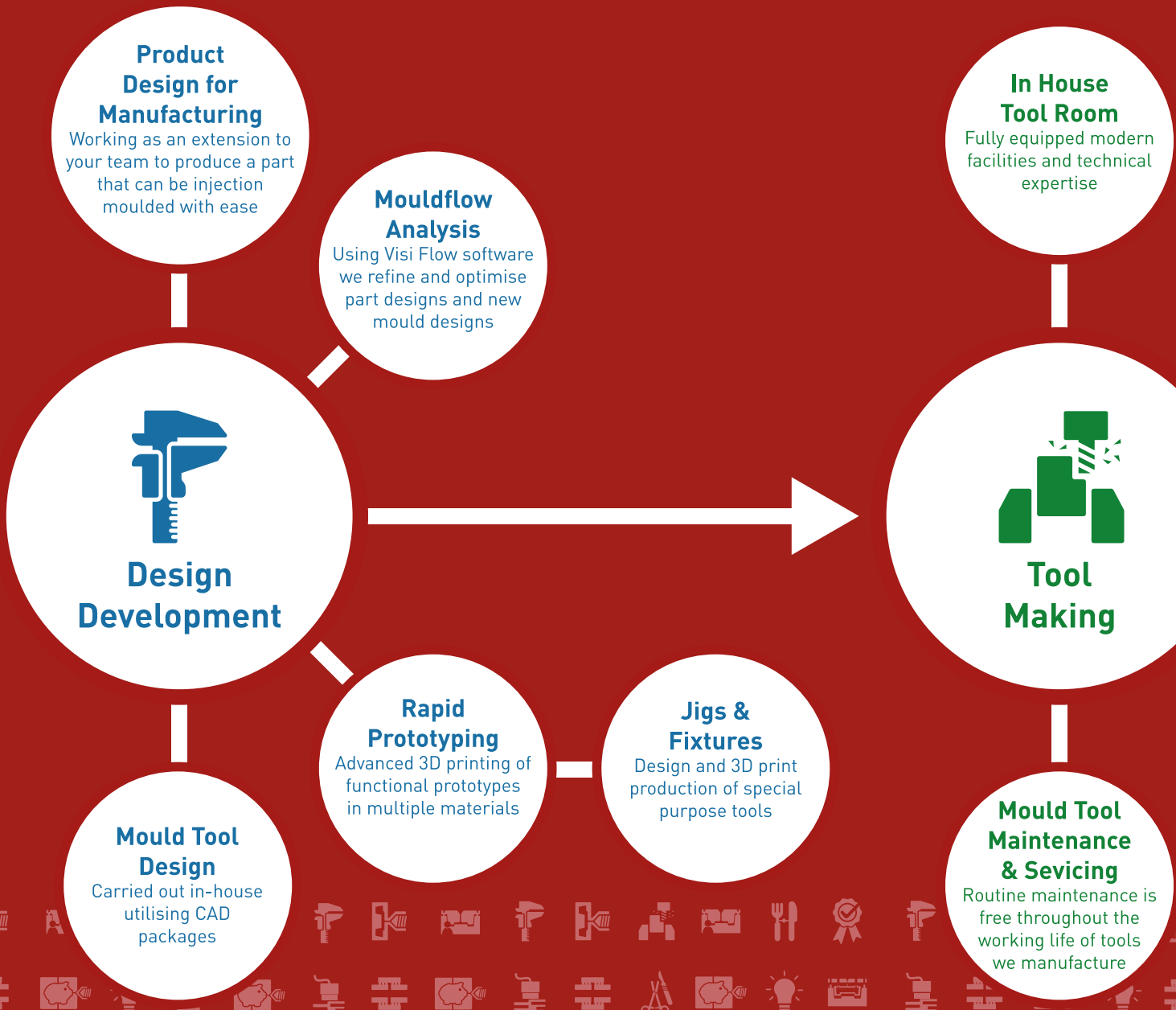


Design & Develop

Taking your design through to production requires the part to undergo 'Design for Manufacture'. Our designers act as a technical extension of your own team. This process will help identify potential issues early on, ensuring on time and cost delivery of the project.

As part of the development process we will use the latest 3D CAD technology, mould flow analysis and superior 3D printing for functional prototypes combined with a robust knowledge of thermoplastic materials.

We advocate that you take the opportunity to tap into this technical support early in the design process because it helps de-risk the project thus avoiding costlier modifications at a later stage.



Product Design for Manufacturing

Working as an extension to your team to produce a part that can be injection moulded with ease

Mouldflow Analysis

Using Visi Flow software we refine and optimise part designs and new mould designs

Design Development

Mould Tool Design

Carried out in-house utilising CAD packages

Rapid Prototyping

Advanced 3D printing of functional prototypes in multiple materials

Jigs & Fixtures

Design and 3D print production of special purpose tools

In House Tool Room

Fully equipped modern facilities and technical expertise

Tool Making

Mould Tool Maintenance & Servicing

Routine maintenance is free throughout the working life of tools we manufacture

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Support & Supply

You may already have a tool, or a suite of tools, and are looking for an injection moulder to be your outsourced partner.

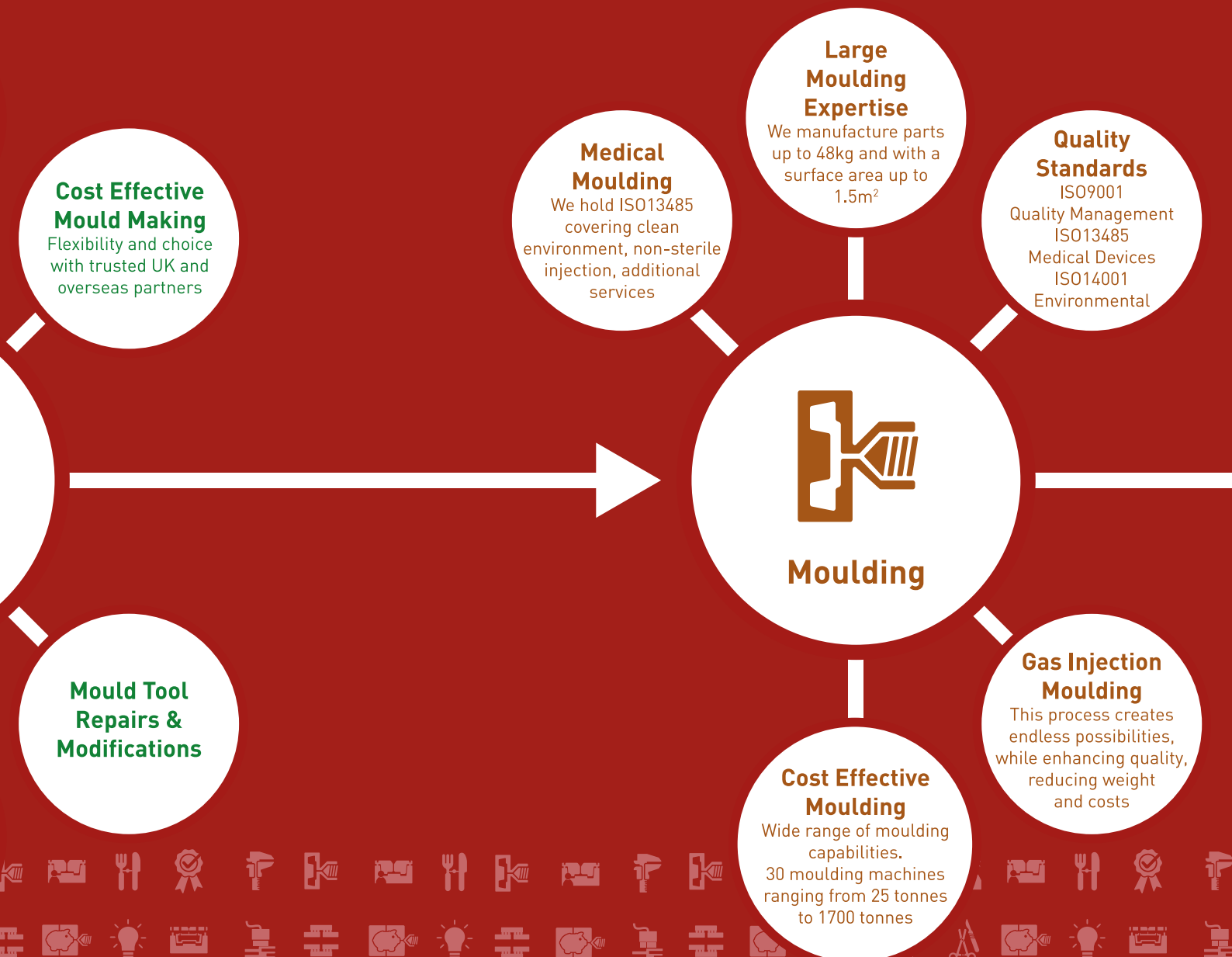
We know that supply chain efficiency relies on performance and reliability. We also know that the quality of plastic parts is affected by the condition of the tool. As your appointed moulder, we place importance on scheduling routine maintenance to protect the tool quality, lifespan and the parts it produces.



Mould & Manufacture

Our mould shop is equipped with 30 moulding machines ranging from 25 tonnes to 1700 tonnes, operating with robots and real time performance monitoring software.

This scope of machinery results in extensive capabilities; from moulding medical parts weighing 1g to pipe couplings weighing in at 48 kg, and components with a surface area up to 1.5m².



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We are renowned for breaking new ground in plastic injection moulding processes, whereby we are able to mould parts once traditionally made by more costly methods.

We endeavour to meet the different needs of our customers. To achieve this, we offer a comprehensive range of added-value secondary operations tailored to individual requirements.

Small or large, thin or thick, one part or whole assemblies, we will have a solution.

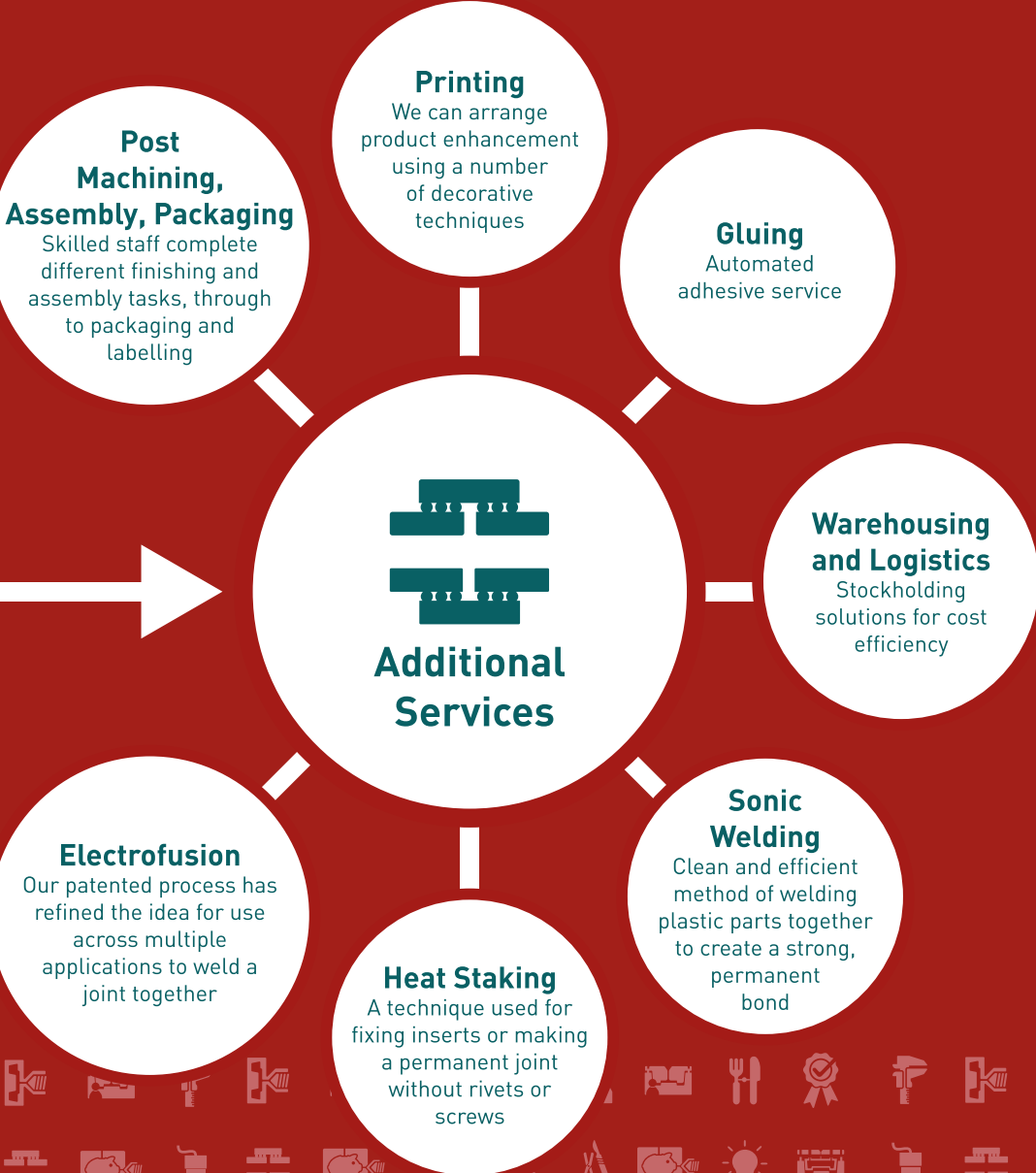


Clean & Green

In our industry, we recognise that it's our collective responsibility to be proactive about energy usage, conserve resources and promote clean energy.

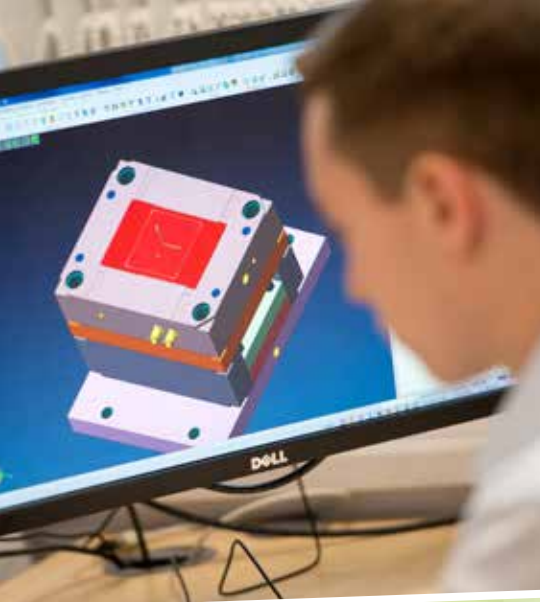
As part of our £2.2 million investment, we created an energy strategy to manage consumption effectively, improve performance and reduce costs.

Our strategy included modifications and enhancements that harnessed the potential of green power, such as 900 solar PV panels which have the capacity to generate 25% of demand at peak times, smart cooling and lighting and web-based technology to deliver real time monitoring company wide.



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Injection Moulding is in our DNA

We're a family run business founded in 1956. For more than 60 years we have worked in close partnership with customers and suppliers across a diverse range of industries providing effective design and efficient manufacturing solutions. During that time, we have built up an enviable reputation for technical know-how, quality and reliability.

Today, our modern facilities and technical teams embody the company's evolutionary vision and subsequent growth, while traditional values are the mainstay of our customer centric partnerships.



Our Accreditations

We hold a medical standard covering clean environment, non-sterile injection and flow moulded thermoplastic components, including machining, finishing and sub-assembly.

Quality assurance, control and monitoring procedures are built in to every aspect of our work.



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