



**Award-Winning High Quality Injection
Mould Toolmaking and Product Design**

Award-Winning UK Company

Faulkner Moulds consistently delivers the very highest quality precision tooling, on time and competitively priced. Established with the intention to be a world class toolmaker, we have 35 years' experience of plastic injection mould toolmaking and design. We were delighted to be awarded Toolmaker of the Year at the 2016 Plastics Industry Awards and shortlisted again in 2017.

Recognition

Plastics Industry Awards 2016 Winner

ISO9001 Certified

GTMA Approved Member

PlastikCity Approved Partner



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Faulkner Moulds are a rare breed in this field. Excellent quality, on time, every time, no exceptions. I have nothing but praise for this professional toolmaker.

Sales and Marketing Director,
manufacturer in leisure and
automotive industry



Leaders in Design for Manufacture

We are experienced in working in partnership with inventors wanting to prototype and develop ideas, from patent to production. Our experience in product development includes 3D printing, prototyping, testing, research and development, helping to ensure that each product achieves its maximum potential. We never outsource or subcontract out any work, providing an extra level of security that quality is consistent, whilst ideas and inventions remain confidential.

Our services include:

- // High quality plastic injection mould toolmaking
- // Component design full consultation service
- // 3D printing and prototyping
- // Product research and stress analysis
- // Product development
- // Helping inventors develop ideas into production-ready designs
- // Tool modification and maintenance
- // Reverse engineering



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Faulkner Moulds are more than just a traditional toolmaker. They have real passion for Design for Manufacture principles and a genuine interest in our products, their function and the market place they serve. This enables them to offer very cost effective tooling design solutions and product features.

Electrical component
manufacturer

Capacity and Accuracy

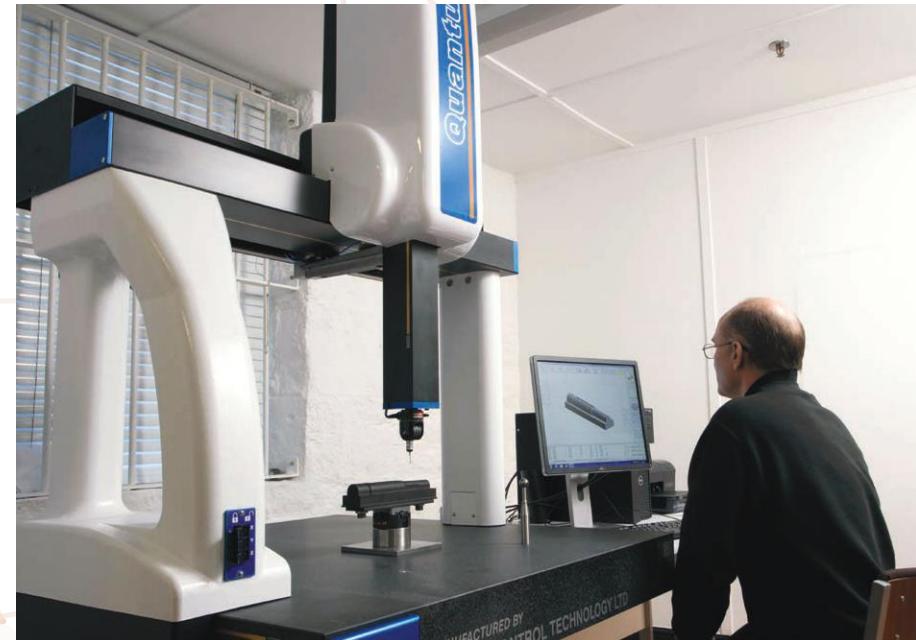
As an ISO9001 certified company, we carry out rigorous testing and measurement at every stage. We pride ourselves on our attention to fine detail, using top range technology alongside superb manual skills. We continually invest to improve the service we provide to our customers. Our machining capabilities include CNC spark erosion, surface grinding, cylindrical grinding, turning and honing.

Our state-of-the-art high-speed 5-axis graphite and hard metal machining centre enables automation of electrode manufacturing and die face finish machining, achieving a repeatable accuracy of 2 micron.

Our top range CNC Spark Eroder has a manufacturer's stated accuracy of half a micron, with a tank capacity of 1200 x 800 x 450 deep. Our suite of high specification CNC machinery will machine to a maximum of 1000 x 600 x 500.

Matched with our Coordinate Measurement Machine, which incorporates latest advancements in measuring technology for absolute accuracy, we have almost eliminated the fitting time needed at the end of each tooling project.

We have our own in-house design team with facilities for full 3D CAD and CAM component and tool design, including multiple licences for SolidWorks and SolidCAM.



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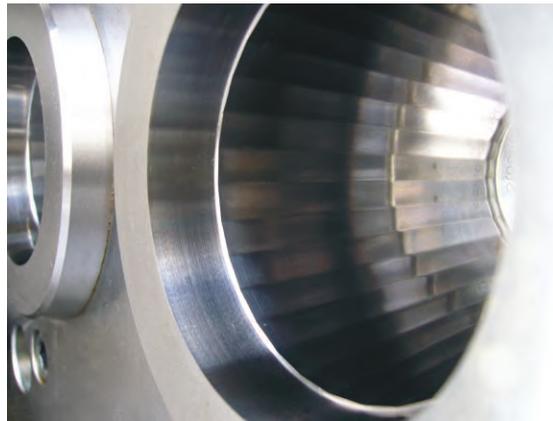
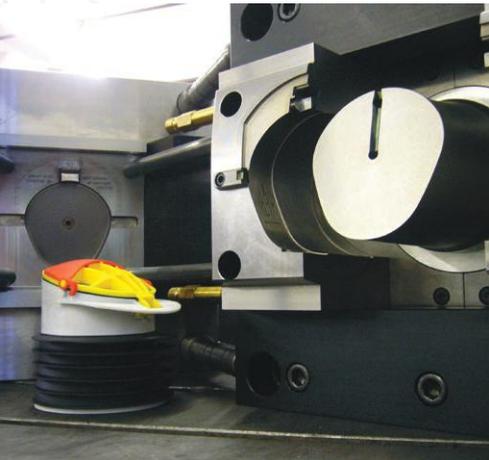
We have worked with Faulkner Moulds on a number of projects and I continue to recommend them on many occasions... I recently described their work and service as 'Exemplary'.

Managing Director, leading Yorkshire moulding company

Bespoke Service

Faulkner Moulds works closely with each customer, from initial concept, through full design to manufacture, guaranteeing a personal, bespoke service that is tailored to delivering the exact result the customer requires. Our commitment to partnership working - taking the customer's objectives on as our own - won us the UK Toolmaker of the Year Award in 2016.

We specialise in complex product and tool design and manufacture, using cost-effective Design for Manufacture principles. Faulkner Moulds was also shortlisted in 2017 for Industrial Product Design of the Year, for the WAR NRV (pictured, below left) – a world-first, which won its inventor a variety of awards.



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Faulkner Moulds will look critically at the product and every aspect of the manufacturing process and come up with their own, innovative, recommendations. With Faulkner Moulds, we are reassured that we don't just get what we believe we want, we get exactly what we need.

Director, leading hand tool and shovel manufacturers

Tooling on Time and Built to Last

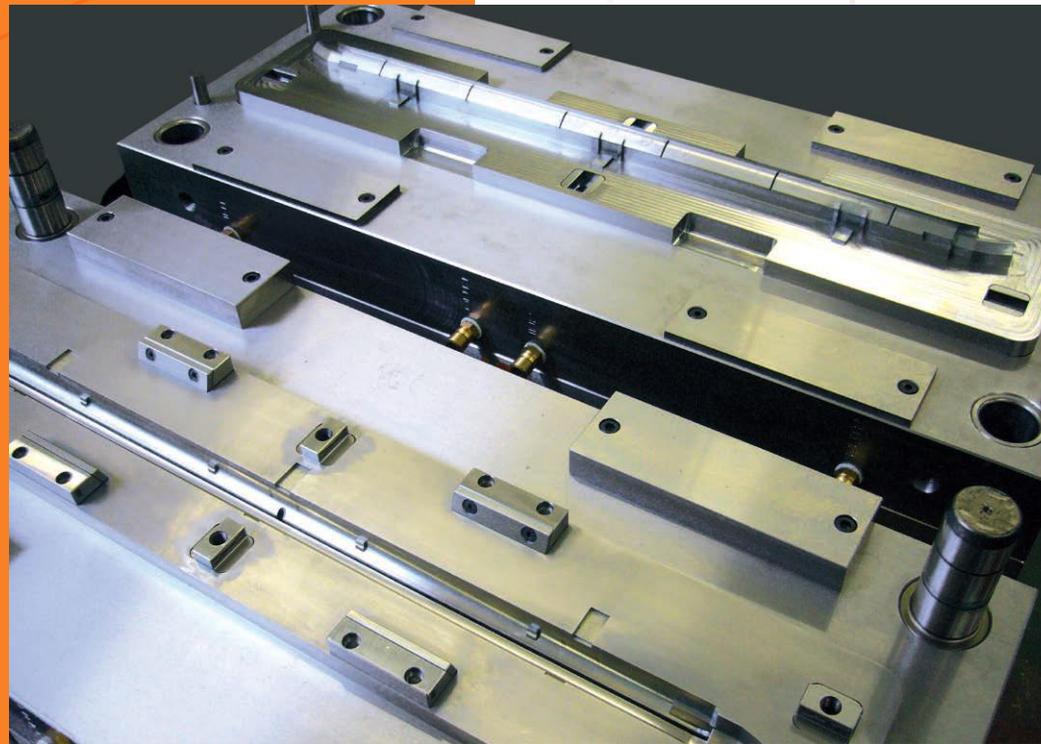
Through our dedicated design consultation service, we will help create a manufacturing process that runs as smoothly and efficiently as possible. Because we always consider fully how the tooling will be used in practice, and incorporate this into each design, we regularly reduce costs for our customers in the short, medium and longer term. At Faulkner Moulds, we pride ourselves on delivering our tools on time, or earlier than promised.



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We have tools from Faulkner Moulds that have been in operation for up to 15 years and are still producing excellent products. Faulkner Moulds consistently design and produce immaculate, high quality tooling that moulds reliably and is built to last.

Managing Director, Yorkshire
moulding company specialising
in quality tableware



35 Years of Experience

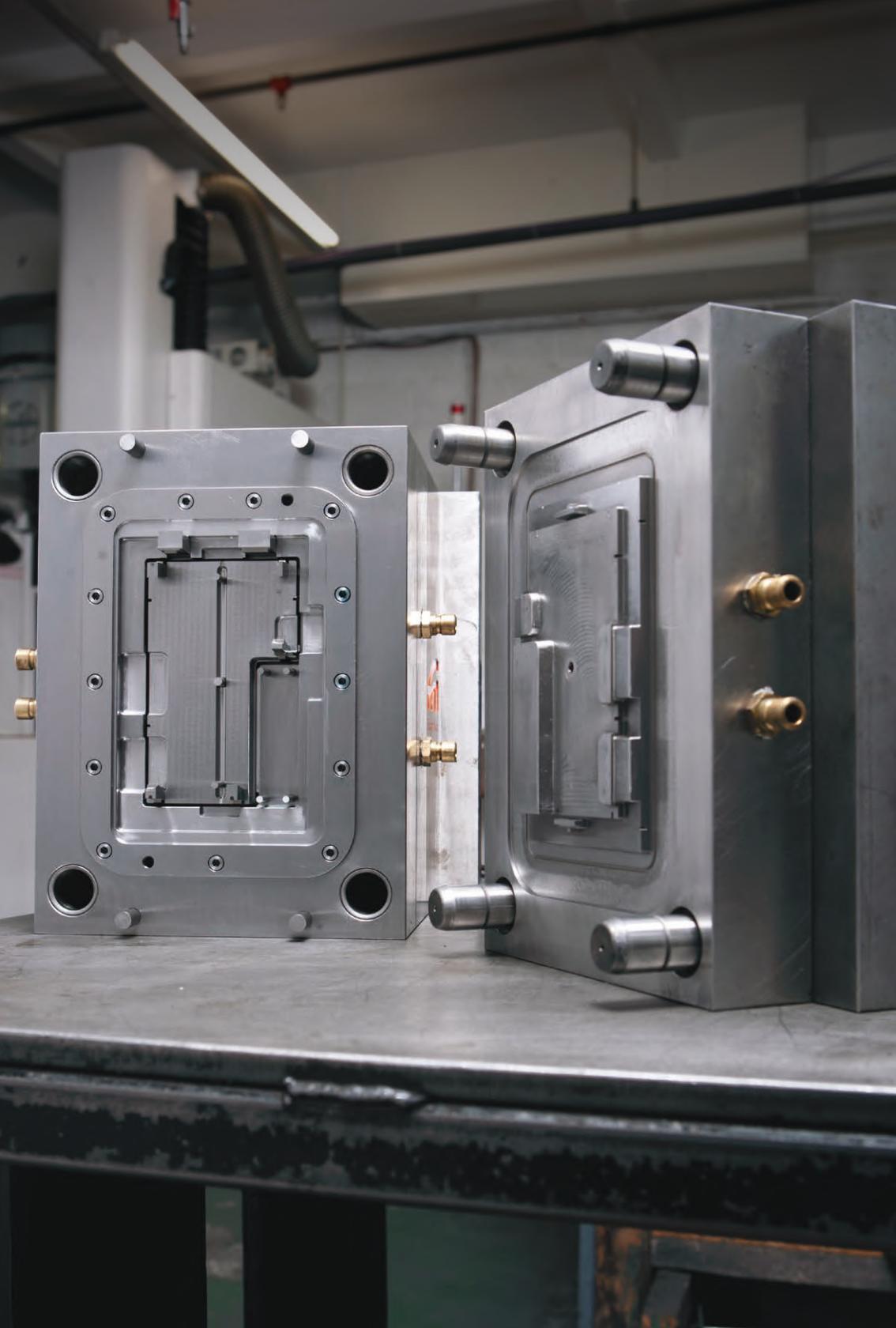
Faulkner Moulds has served clients from a wide range of industries and on a diverse range of projects, including blue chip customers and 'household names'. Recent examples include automotive components, electrical components, and consumer, household, retail and medical products. For more information about our experience, including case studies, our gallery and customer testimonials, please visit faulknermoulds.net/experience.



Throughout the whole experience we had superb quality design, toolmaking and customer service from Faulkner Moulds.

Director, leading hand tool and shovel manufacturers





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A good example of exemplary partnership between the customer, toolmaker and moulder, with, more importantly, the toolmaker taking ownership of the project. Impressive the way both the toolmaker and moulder worked professionally towards a common goal.

Judges' comments, 'Supplier Partnership – Toolmaker', 2016 Plastics Industry Awards



Award-Winning High Quality Injection Mould Toolmaking

Contact Us

To discuss your tooling or design requirements, or for an informal chat, please call 01422 371072 and ask for Duncan.

Faulkner Moulds Ltd
Units 8 & 9, Wellington Mills
Quebec Street
Elland
West Yorkshire
HX5 9AS

Telephone: 01422 371072
Email: info@faulknermoulds.net

faulknermoulds.net



*All customer testimonials are genuine and verifiable.