

DUDLEY ASSOCIATES



Precision Tools and Plastic Injection Moulding

Brochure 2020/21



Design and Development

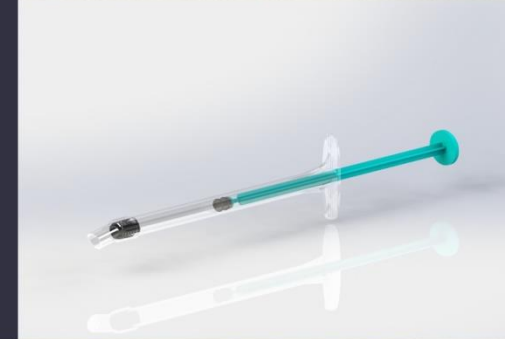
At Dudley Associates, we have the capability and facilities to assist you in achieving your goal of production plastic injection moulded parts, whether you have just an idea and need our expert design team to bring this to reality for you, or you already have the design and drawings to hand.

We use the latest CAD technology to design and develop your parts and take pride in introducing innovative solutions ensuring a successful and timely product launch.

Rapid Prototyping

We can manufacture your prototype at the very early stages of design and testing. This ensures that the finished product fits requirements and specifications exactly.

If a project needs a little bit more testing and research to get to its final specification, then rapid prototyping is a more cost effective and faster solution, producing premium quality but low cost prototypes from CAD data sources.



Quality

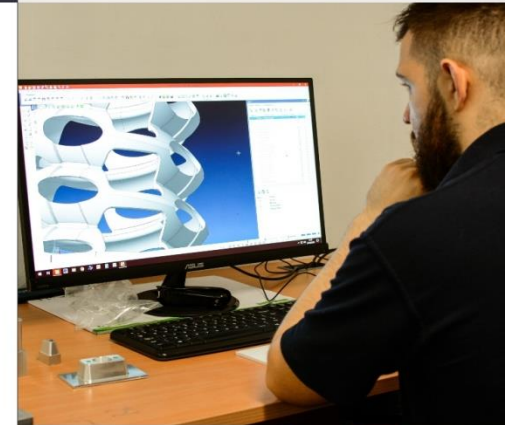
Dudley Associates is ISO9001:2015 Certified and quality is at the heart of everything we do. Our expert quality team are on hand throughout the entire process to ensure your product meets all requirements.

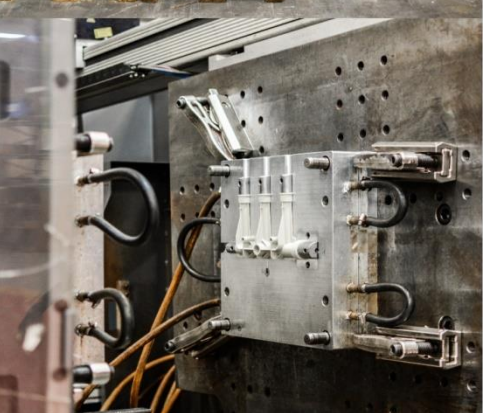
The quality department is well equipped with a quantum 3-axis co-ordination measuring machine amongst its machinery. We are able to deal with any client requirements including PPAP and ISIR.

Materials

We mould in a very wide variety of materials including filled and unfilled ABS, Acetals, Nylons, Polycarbonates, Polypropylenes, Peek and Ultems, whilst also using some highly specialised materials with extreme attributes in relation to flame retardancy, electro-conductivity or operational temperature ranges.

We can help you identify the material and additives best suited to your final application and required aesthetic attributes.





Tooling

We have invested in a twin, high-speed, high-precision automated Röders CNC production cell.

We can produce the required finish, whether mirrored or textured and can manufacture from the more straightforward tool to the highly complex.

As we have all facilities on-site, we can trial tools quickly and move from sampling to full production efficiently and in no time at all.

We are also able to maintain, refurbish and repair any tool, whether we have manufactured this in-house, or you have moved tooling over to us from a previous supplier.

Injection Moulding

Each client will seek components which are unique to their requirements. We will help to optimise the process to create the finished part in the most efficient way.

Our highly experienced team, coupled with our well-equipped mouldshop, can make parts for a wide variety of industries.

Our moulding machines range from 35 to 300 tonnes. This allows us to manufacture parts which are very small, lightweight and potentially delicate, to the larger, heavier parts.

Secondary Services

At Dudley Associates, we don't just mould simple parts. We also offer a range of secondary services.

These include;

- Overmoulding one material to another. This can be using materials such as TPE moulded over an ABS, or the more complex such as an ABS moulded over an Acrylic material.
- Assembly, which involves moulding multiple parts of a 'kit' which we will then assemble for you, reducing timescales, simplify the supply chain and reduce the unit cost.
- Drilling and Tapping
- Inserting
- Ultrasonic Welding
- Printing
- Packaging
- CNC Machining





An International Company, based in the heart of the UK

Our Location

Dudley Associates is conveniently based in the heart of the UK.

**Units 3-5 Elizabethan Way,
Lutterworth,
Leicestershire,
LE17 4ND.**

Just a stone's throw away from the M1, meaning that we are able to get your products straight from production, through quality checks and on the way to you in no time at all.

We supply to the whole of the UK, throughout Europe and as far as Canada, USA, Mauritius and Malaysia.

We partner with the very best logistics companies to ensure that your products arrive with you swiftly and with the greatest of care.

A Professional Service

Our entire team are professional and have the relevant expertise for their area. From our material handlers and tool slingers, to our quality and management teams. We are on hand to assist you every step of the way.

An owner managed business since 2014 and Founded in 1991, Dudley Associates are the leading Plastic Injection Moulders in the UK.

Contact us today, to find out why Dudley Associates is the perfect Plastic Injection Moulding partner.

Thank you,

Andrew McIntyre
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