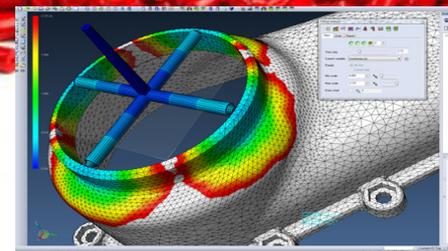
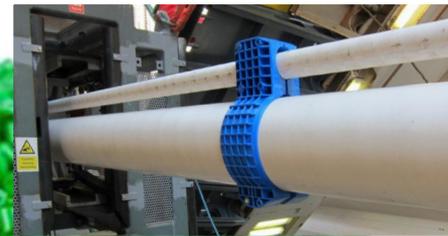


DUDLEY ASSOCIATES

Precision Tools & Plastic Injection Moulding



www.dudleyassociates.com

Precision Toolmaking | Plastic Injection Moulding | Rapid Prototyping | Design and Development
| High Precision CNC Machining |

Precision Toolmaking

Our in-house Toolroom have the capacity to build every conceivable type of tool from prototype to full-blown hot runner multi-cavity tooling capable of producing sample quantities to millions of parts.

Over the years we have been involved in manufacturing tools with unscrewing mechanisms, cams, 'up & aways' and side actions for clients in sectors such as Industrial, Aerospace, Automotive, Electrical and Medical.

Tooling Choices:-

Aluminium Tools for parts up to 30,000

P20 steel tools for parts up to 250,000

Hardened steel for parts up to 1,000,000

Our new Roder's RXP 500 and RXP 801 machining centres with RCM Automation have allowed us more flexibility on timing bringing down lead times on mould tools.

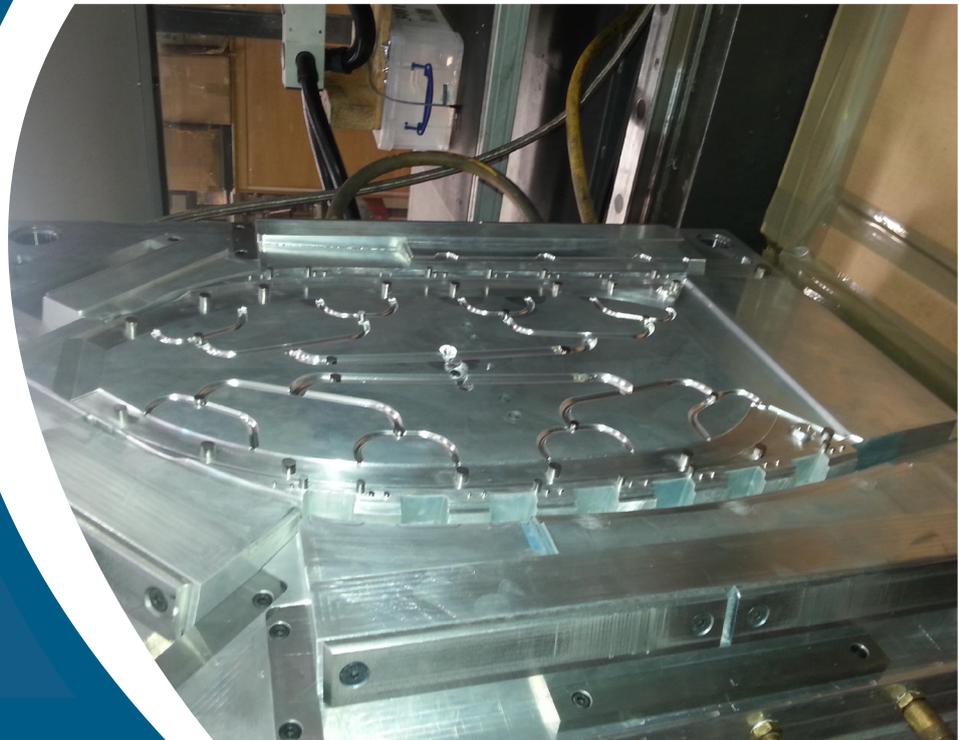
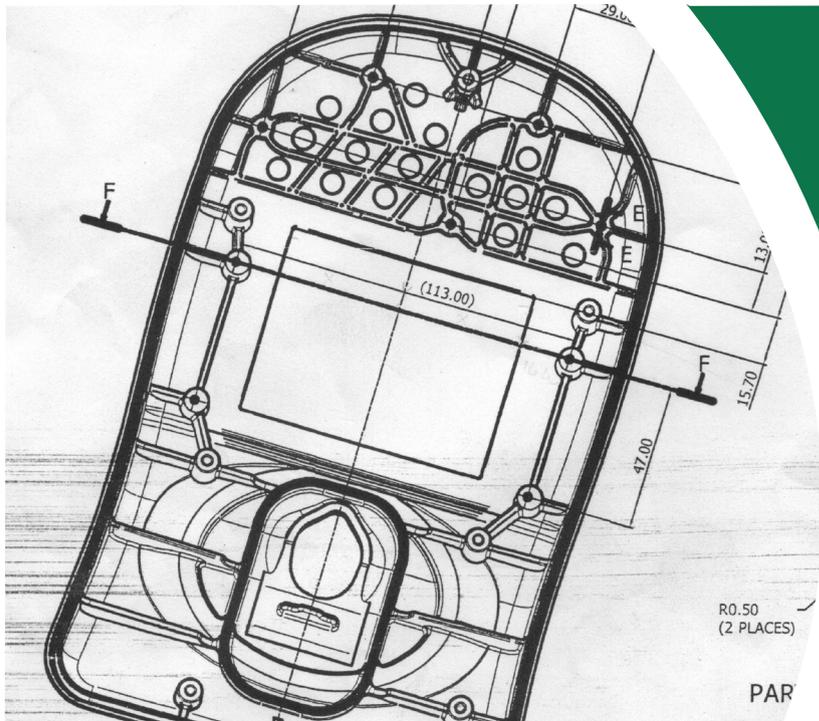
Design and Prototyping

Our Design team can draw upon many years experience from the multiple disciplines that are required to develop a successfully moulded product.

Couple this with the use of the latest 3D CAD software and your original design can be refined for optimum processing and prototyping resulting in the ideal combination of material, mould, manpower, and machine for efficient and cost-effective production.

Prototypes available are - FDM, Laser Sintering, SLA, Polyjet.

We take pride in introducing innovative solutions ensuring a successful and timely product launch.



Plastic Injection Moulding

At Dudley Associates we manufacture a very wide range of both development and production injection moulded parts and work on a daily basis with a broad range of 'high specification' engineering and commercial polymers.

The Injection moulding process has many benefits and allows products to be produced in complex and intricate detail that would otherwise be too costly or difficult to make, with low labour cost and high repeatable tolerance

Dudley's Moulding facility currently comprises the very latest in digitally controlled machines from 35 to 300 tonnes.

Our mould shop and toolroom are side by side for optimal work flow and control, and we can readily operate 24hr working for larger production runs.



Assembly and Packaging

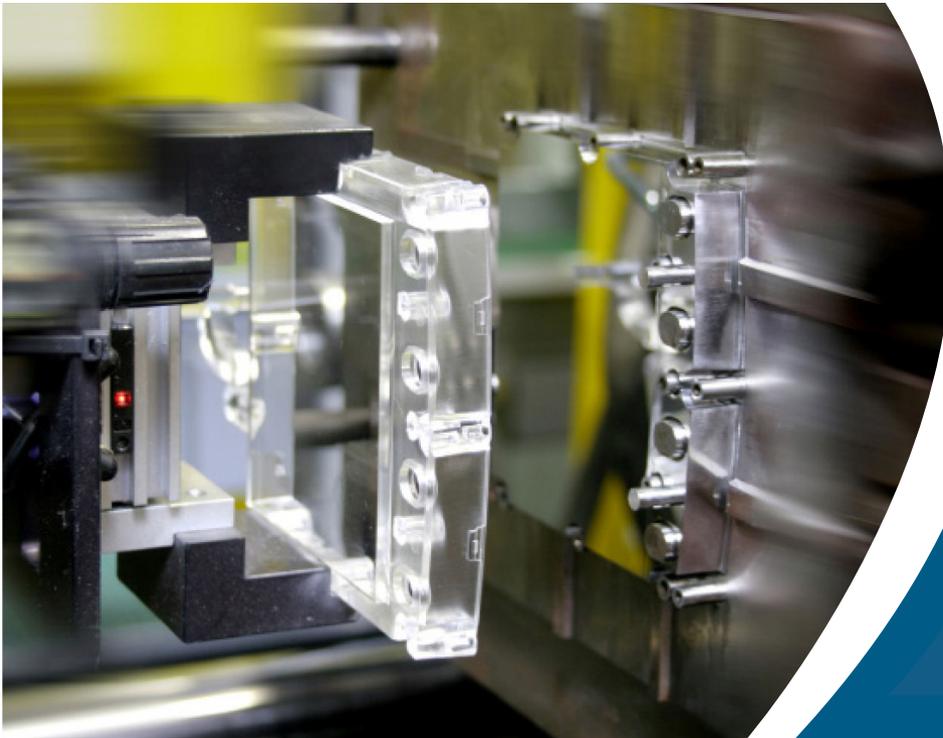
So your product has now come off our conveyor belts so what's next?

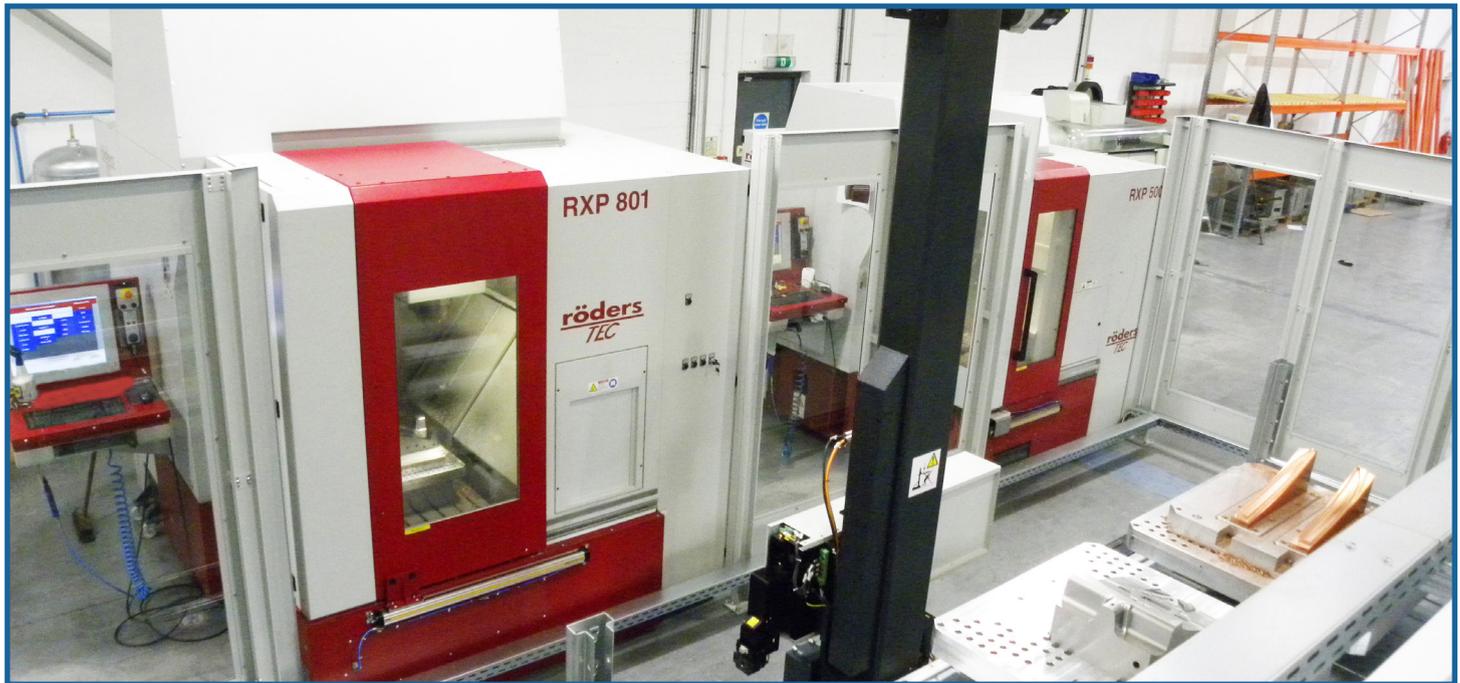
Here at Dudley Associates, we have the capability to add additional components, print on, metalise, assemble and package your product to complete the manufacture of your parts.

At this point we can put your completed parts onto our shelves for storage ready for call off when you need them. We even have the capability to source your bespoke packaging and place your parts in this ready to be put out to market.

This really is a one-stop full range service which you will find hard to be beat. We want you to be able to concentrate on what you are good at, and leave the rest to us.

We are always ready for your call!





High Precision CNC Machining RXP801 & RXP500 3-AXIS Machines and RCM Automation

Precision Toolmaking | Plastic Injection Moulding | Rapid Prototyping | Design and Development
| High Precision CNC Machining |

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