

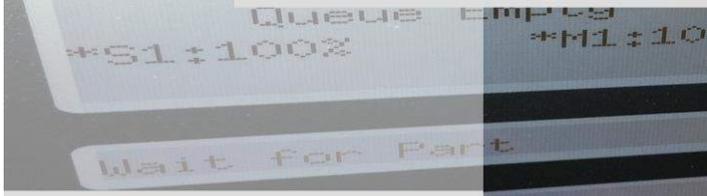


**Pentagon Plastics is a well established proactive plastic injection moulder with 40 yrs. trading experience providing bespoke products across many industries.**

### Design Assistance

We will review new projects with a focus on delivering a cost effective solution, challenging designs where necessary if there are potential savings to the customer.

Consideration to material selection is an important element and we will lend our experience in this regard. It is also imperative to identify the type of Mould Tooling required to meet the production requirements taking into account volumes, life expectancy, tooling material and budget.



### Rapid Prototyping

To assist the development of a product we can provide 3D Printed products on-site as well as providing SLA, SLS or Vacuum Castings as a managed service.

### Mould Tooling

We offer a range of tooling solutions to meet both budget and production requirements from a part owned Modular Insert System through to dedicated Production Tooling fully owned by the customer. Whether the requirement is single impression, multi-cavity or family tooling with cold feed or hot runner systems our experienced Toolroom can accommodate your needs.

After a customer has invested in tooling with Pentagon our Toolmakers will carry out routine maintenance to ensure optimum tool life.



### Injection Moulding Production

The Mould Shop is the core of the business and boasts a range of modern moulding machines from 22t-280t allowing us to mould shot weights from 0.5gm-500gms and is supported by our Secondary OP's department for post moulding operations.

We work closely with our customers to tailor our service to meet their requirements be it Make to Order, Scheduled Call-Offs or Kanban supply.

We have recently invested in a full Supply Chain system to further improve our ability to proactively manage customer production.



## BENEFITS OF WORKING WITH PENTAGON



**A proactive approach to our plastic injection moulding service**



**Over 40 years trading experience in the injection moulding sector**



**One site of manufacture for both tooling and production**



**Preventative tool servicing by fully skilled toolmakers**



**ISO9001:2008 accredited Mould Shop facility**



**Experienced mould setters in a vast array of thermoplastic materials**



**Customer specific sales order processing**

## CONTACT US

### **PENTAGON PLASTICS LTD**

**Unit 4, Blatchford Road**

**Horsham**

**West Sussex**

**RH13 5QR**

**Tel: 01403 264397**

**Fax: 01403 267095**

**[sales@pentagonplastics.co.uk](mailto:sales@pentagonplastics.co.uk)**

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**[@pentagonPIM](#)**

**[www.pentagonplastics.co.uk](http://www.pentagonplastics.co.uk)**

