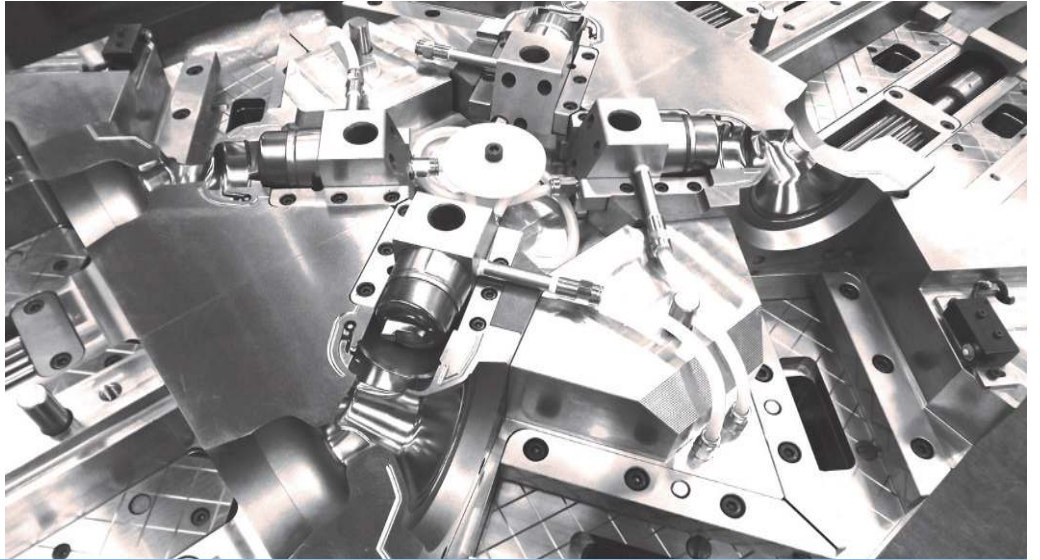



moldsystems



Technical Tooling Solutions
of the Highest Quality for
Demanding Applications

w : www.moldsystems.com

 @moldsystems



moldsystems are a leading UK toolmaker, based on their ability to offer customers high quality moulds in exceptional lead-times. Mold Systems encompass technologies such as multi-component, gas injection and In-mould labelling that can add value to products. In addition, Mold Systems' experience of high speed, high cavitation and stack mould technology ensure maximum productivity. The 50,000 sqft modern Facility includes everything from CAD/CAM through to mould polishing & assembly and in-house validation all under one roof. The combination of 30 years experience and unrivalled capacity make Mold Systems uniquely able to handle everything From small pilot tools to large complex suites of tools.

“we are a solutions provider who aspire to be a long-term strategic partner and key component in the success of our customers”



TOOL VALIDATION/ PROCESS DEVELOPMENT FACILITIES

The tool validation and process development centre within Mold Systems has a full range of injection moulding machines from 35 to 430 ton and these include both 2-shot and 3-shot machines at 110 and 250 ton respectively. As would be expected of a UK leader in the field of Multi-injection tooling. In addition the facility also boasts clean tents and gas injection equipment.

Highly skilled personnel are capable of working to the tightest tolerances and most stringent of quality standards and are always on hand and offer services such as:

- Tool validation
- Tool De-Bugging
- Material & Colour Trials
- Sample Runs
- Process Capability Studies
- Process Optimisation
- Overspill and short term capacity shortfall
- Tool modification/Repair/Tuning and sampling
- Low Volume Production

MOLD SYSTEMS' TECHNOLOGIES

With an array of technologies at hand Mold Systems pride themselves in their ability to add value to a project with a combination of reducing production costs and increasing component value. Mold Systems are able to advise on the implementation of technologies such as multi-shot and gas injection and in doing so impart know-how into a project. This combination of expertise and technology maximises potential productivity and creates greater product value.

Technologies include:

- Multi-component
- Gas Injection
- Stack Moulds IML, IMD, IMC, IMA
- Insert Moulding
- Sequential Gating

These technologies and experience in areas such as thinwall moulding, high cavitation tooling, medical device manufacture, closures, automotive, telecoms etc, make Mold Systems ideally positioned to offer the best of tooling solutions over a broad spectra of industries.

MOLD SYSTEMS AT YOUR SERVICE

We at Mold Systems believe we are much more than just a mould manufacturer, we are a solutions provider who aspire to be a long-term strategic partner and key component in the success of our customers. We are committed to a programme of continual improvement and would relish the chance to discuss what we could do for your organisation.

Mold Systems
1 Millennium Way, Aycliffe Industrial Park,
Newton Aycliffe, DL5 6JW, United Kingdom.
Telephone: +44 (0) 1325 328700
Fax: +44 (0) 1325 328707
Email: sales@moldsystems.com
www.moldsystems.com

“combining 30 years of toolmaking experience with a modern 50,000 sqft facility... offering a total service solution of the highest quality”



MOLD SYSTEMS' SERVICES

Mold Systems combine 30 years of mouldmaking experience with a modern 50,000 sqft facility in order to offer a total service solution of the highest quality, speed and reliability all under one roof.

Mold Systems have the capacity and capability to take a project from product concept to component design, component and tool specification, pilot and production tool design and manufacture, through tool validation, first-off samples, production trials and and/or clinical trials on to low-volume production and full cell commissioning, process optimisation and industrialisation ready for direct insertion into the production environment.

MOULDMAKING FACILITIES

The mouldmaking facility is the heart of Mold Systems. The clean working environment in conjunction with an impressive array of the latest equipment, infers precision and ensures cost effective manufacture but also accuracy, quality and speed.

The facility includes; high speed machining, 3&5-Axis machining centres, automated electrode production, EDM section (wire and sink), grinding and polishing.

This large mouldmaking facility operates 24/5 and the combination of its size, operating hours and latest equipment makes the facility ideal for handling large projects with time to market constraints.

DESIGN FACILITIES

The in-house design facility allows Mold Systems to be involved early in the product development or tooling process. Our experience and expertise can assist clients with design support in order to achieve cost effective, high quality parts in conjunction with a reduction in time to market.

The design facility utilises the latest design and manufacturing software which is integrated into the manufacturing and quality process in order to ensure that quality and productivity are built in upfront.

