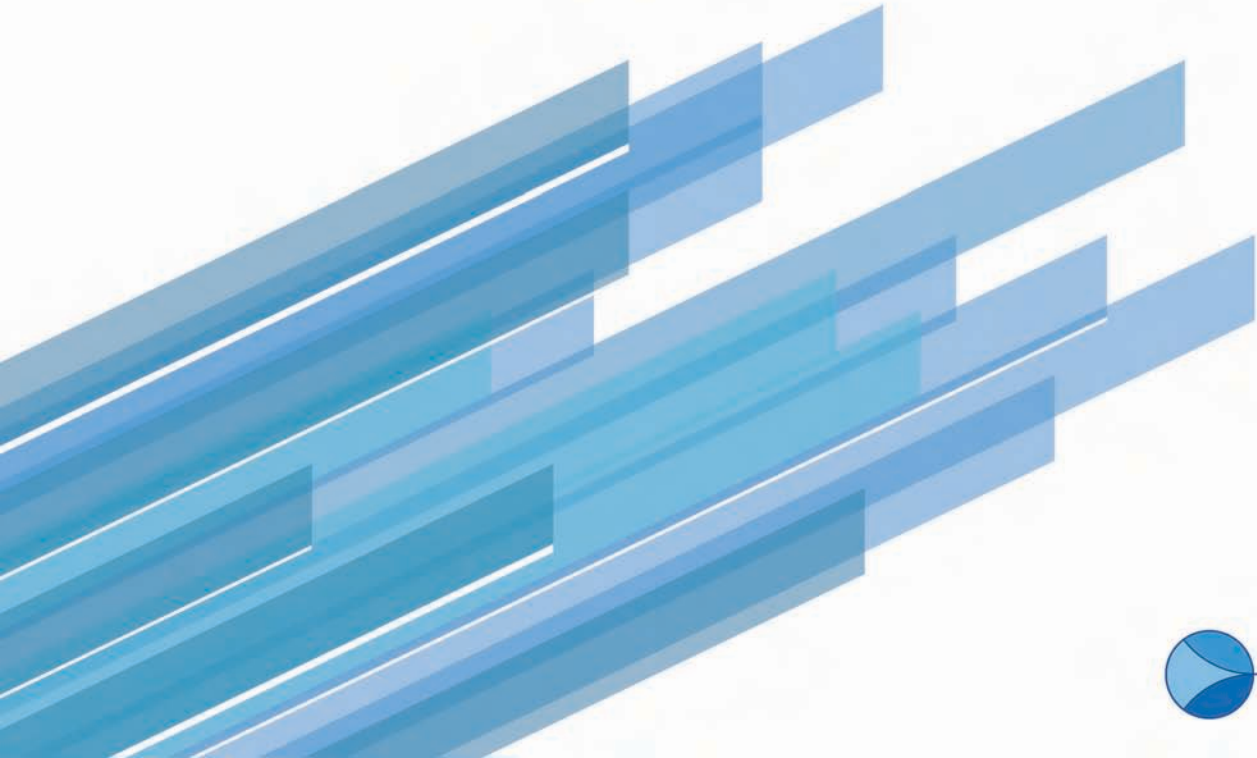


# Mould

With the Injection Moulding Specialists

Your  
Future



**Hi-Technology**

group limited



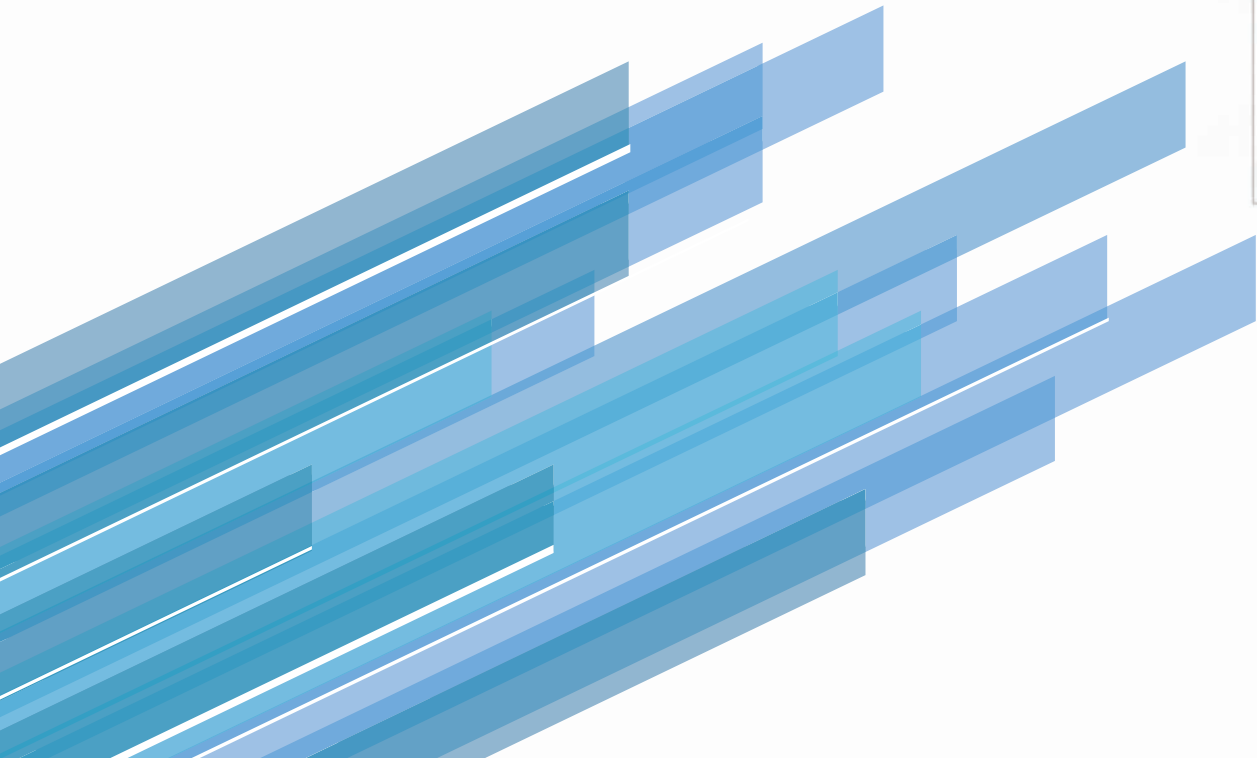
**Hi-Tech Mouldings**

limited



**Hi-Technology Mouldings**

Slovakia, s.r.o



# Who are we?

We are an Independent British company successfully established in the UK since 1983 and Slovakia since 2007. We operate in the specialised field of precision injection moulding where ideas take shape and the impossible is a challenge to be conquered.

Our success is based on providing comprehensive customer service in all aspects of our solution delivery. We manage projects from initial concept to completion via our dedicated project management team who support your project at every stage on its journey to final production.

Investment in state of the art business management systems, latest technologies and continuing investment, together with our committed team enable us to provide the right solutions and services, to budget and on time.

Continuing to meet and exceed our customers' requirements will remain our focus, through a design-orientated approach, use of new technologies and excellent customer services.



# What we can offer



- Project Management
- Design
- Development
- Consultancy
- Tool Making
- Production
- Assembly

Hi-Tech's core competency is in the injection moulding of precision components in plastic. Confidentiality is the key to successful partnership and many years of experience has made us a reliable and an innovative collaboration partner within the development and production of injection moulded components.

Project collaboration starts by us capturing our customers' product requirements. We offer consultancy support during all phases of the project supported by our "Gateway" procedure. This methodology ensures that we deliver the right product at the right time. Our technical team provide consultancy on design, material selection and production optimisation.

The finished components from Hi-Tech are developed to match our customers' requirements perfectly. We offer delivery of injection moulded components and also partial assembly or production finished goods. Products can also be manufactured at our factory in Slovakia according to your needs and economy.

# Our Design Service

Hi-Tech Design provides a team of highly skilled designers who push the boundaries of design technology to develop creative, cost effective yet workable solutions to suit the requirements of the client.

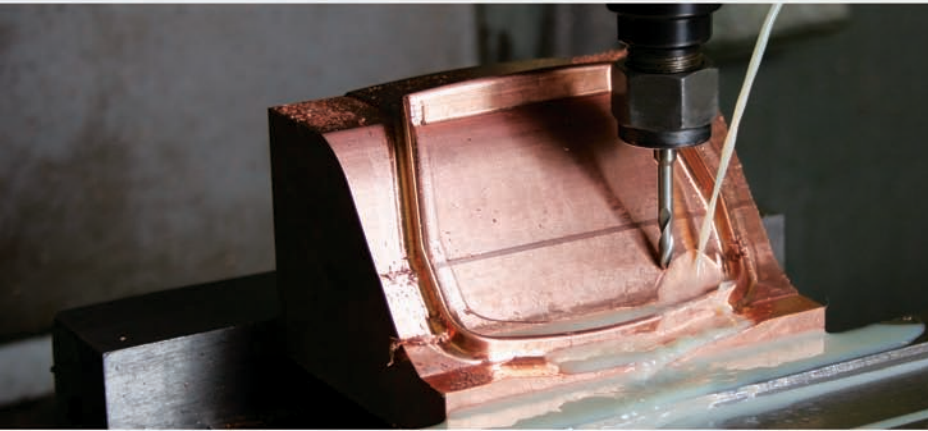


What we can offer you:

- Computing technologies using SolidWorks and pro Engineer/Creo
- Conceptual studies
- Product design and development
- Design for manufacture and assembly
- Applications of time compression techniques, including rapid prototyping, FEA & mouldflow analysis and rapid tooling
- In depth knowledge of engineering plastics and processes



# Hi-Tech Tooling Services



At Hi-Tech we understand the customers' requirements for reduced lead times from design to production. In order to achieve a total professional solution we offer the manufacture of quality tools in our own facility or in the Far East utilising the very latest equipment and tool making techniques.

What we can offer you:

- Tool design using the latest Visi-CAD, Visi-CAM and DELCAM Powermill software
- Computerised mouldflow analysis and material selection to assist with product design
- CAD packages to accept your designs and to input our component design recommendations
- CAM package for improved tool making accuracy and lead times
- Modifications and general tool maintenance carried out with minimal interference to production schedules



Hi-Tech Mouldings is a world class moulding facility producing technical mouldings and assemblies. High quality, production efficiency and flexibility are achieved by continuous investments in the latest technologies. This ensures that optimum unit costs are maintained with first class production in a wide range of thermoplastic materials.



What we can offer you:

- Quality approved to BS EN ISO 9001:2008
- Individual quality plans supplemented by FMEA, capability studies and SPC
- Microprocessor controlled injection moulding machines, from 35-250 tonne
- Precision injection moulding
- Transfer two-shot injection moulding
- Insert/outsert injection moulding
- Pick and place robotics
- 24 hour moulding production
- A fully integrated management computer system
- JIT and Kan-Ban delivery systems
- Environmental management systems approved to BS EN ISO 14001:2004

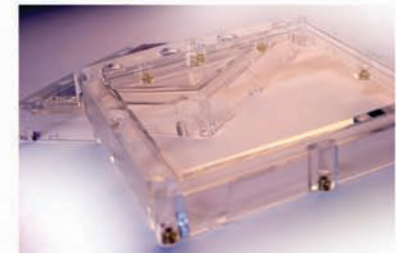
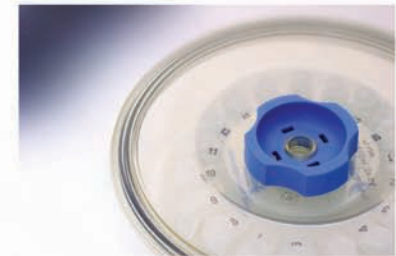
# Hi-Tech Medical Services



Whilst broad market spread has always been our strategy, Hi-Tech recognises the importance of medical and healthcare markets and has added to their existing client base to include some well-known names in the industry.

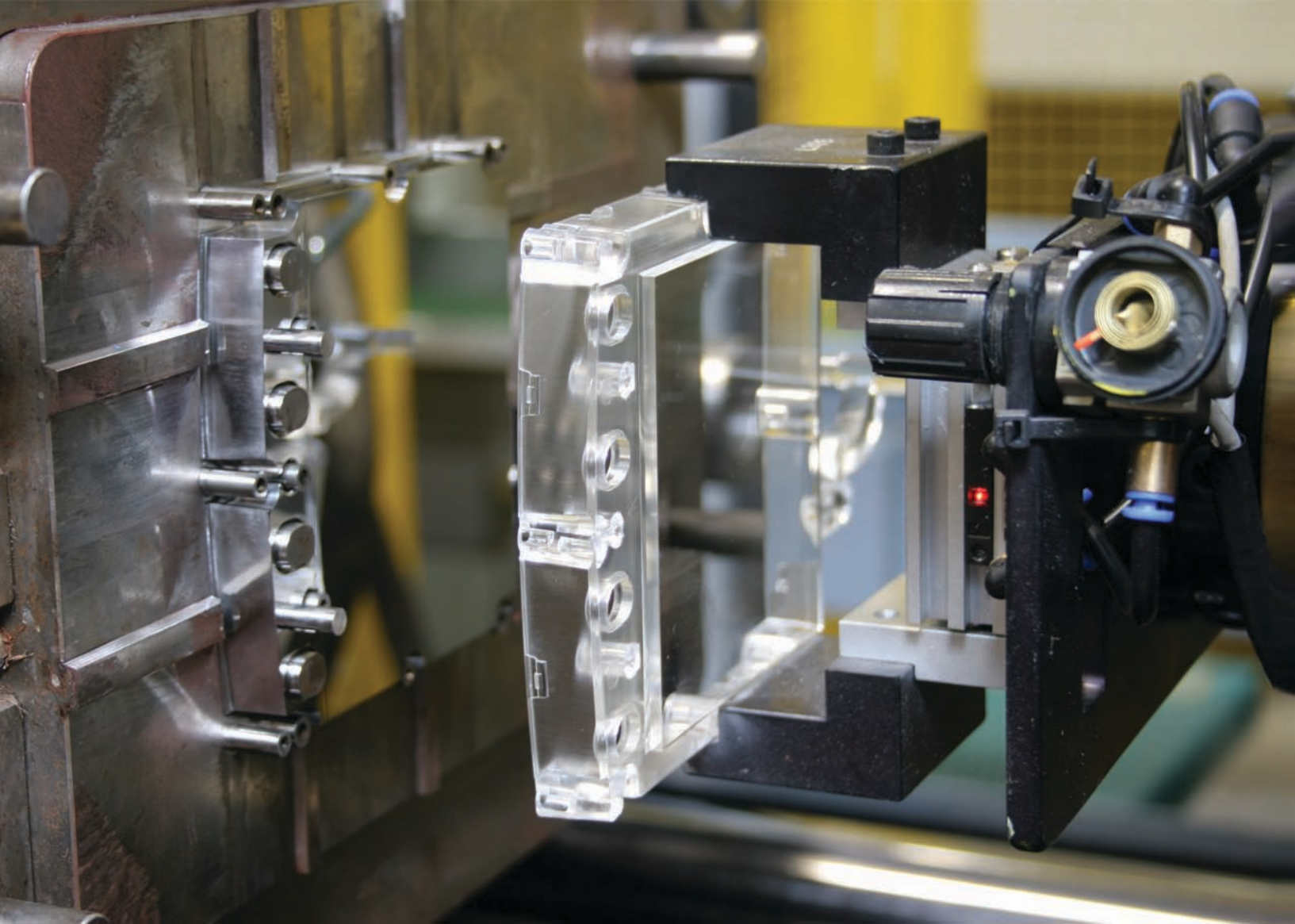
Our client base includes many companies operating in assistive technology, home diagnostics, hospital based treatment, equipment and health and safety markets.

We offer a clean area facility for our customers who require their components to be manufactured in a segregated area with gowned operators but who do not need the added expense of a clean room.



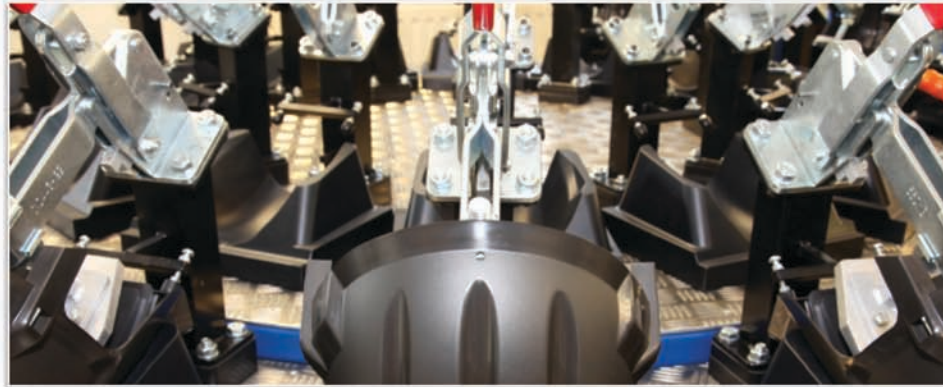






# Hi-Tech Assembly Services

Complementary to plastic manufacturing we can also offer the solution to the last stage in the manufacturing cycle, allowing your products to be assembled with speed and efficiency ready for distribution.



We can offer a wide range of services:

- Ultrasonic welding
- Hot plate welding
- Hot foil printing
- Pad printing
- Insert moulding
- Spray coat RFI shielding
- Electro-mechanical assembly
- Final packaging for distribution





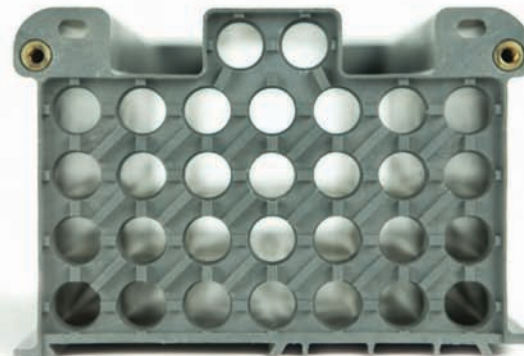
# Hi-Tech Cable Services

An additional service in the Hi-Tech portfolio is that of cable and loom manufacture. We produce purpose built low voltage data and power cable to serve diverse market sectors including instrumentation, military, communications and health and safety. Cabling problems are numerous and varied and at Hi-Tech our technical team develop solutions to meet our customers' requirements.



Our comprehensive service includes:

- Cable assembly
- Cable overmoulding – plug, grommet and ferrite
- Preparation of multi core cable
- Loom manufacture
- Functional testing





# Hi-Tech Mouldings Slovakia

In 2007 the Hi-Tech group opened a 2000m<sup>2</sup> facility in Kosice, Slovakia and expanded to 3000m<sup>2</sup> in 2013.

Our ethos is at the core of this new facility which is able to offer the services of technical mouldings and assemblies. High quality, production efficiency and flexibility is delivered by continuous investments in the latest technologies to ensure that optimum unit costs are maintained with first class production in a wide range of thermoplastic materials.

Our Slovakia facility can offer you:

- Quality approved to ISO 9001:2008
- Microprocessor controlled injection moulding machines – 35 to 250 tonne
- Precision injection moulding
- Transfer two-shot injection moulding
- Insert/outsert moulding
- Ultrasonic welding
- Pad printing



- Electro-mechanical assembly
- Pick and place robotics
- 24 hours per day production
- Fully integrated management computer system
- Kanban delivery systems in operation
- Environmental management systems approved to ISO 14001:2004



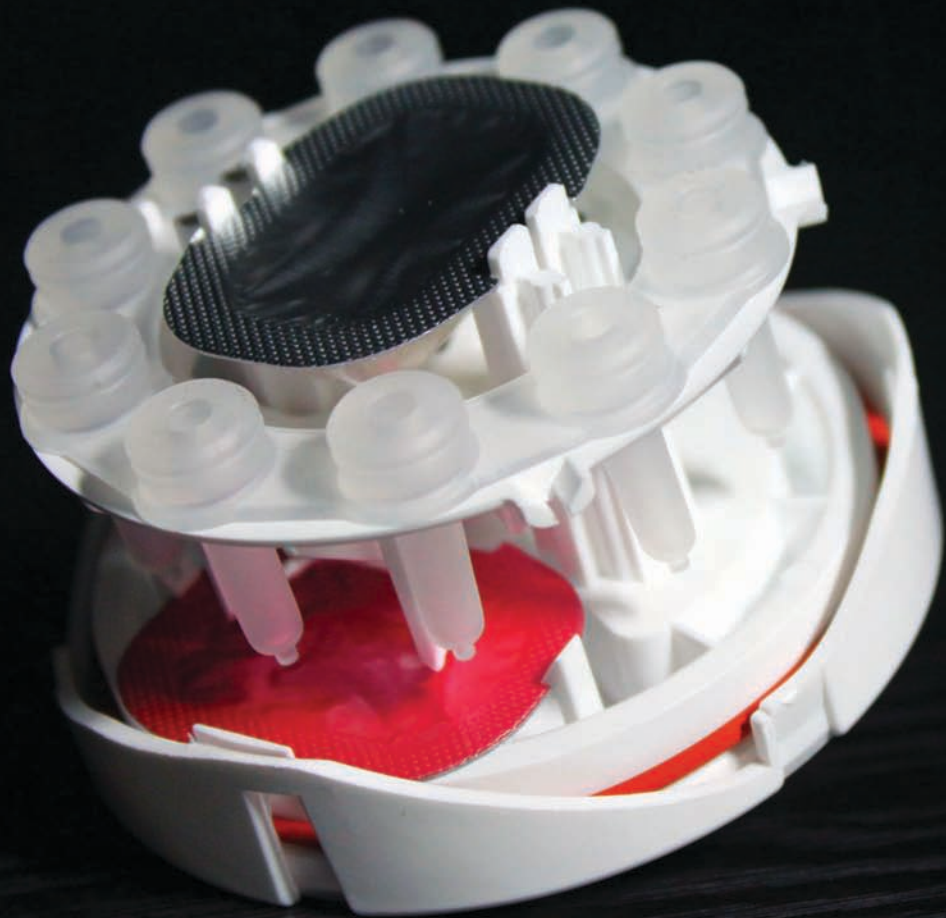


# Our Quality Commitment

Quality assurance is key at Hi-Tech Mouldings both in the UK and Slovakia. This is a requirement when manufacturing injection moulded precision components for national and international customers. We are certified to ISO 9001:2008. Our quality procedures and culture guarantee process certainty and documented quality. Furthermore we are certified to ISO 14001:2004 demonstrating our commitment to the environment.

In addition to our standard procedures, Hi-Tech's greatest quality assurance asset is our competent staff. Their focus within our production facilities contributes greatly to ensuring our position as a respected collaboration partner within the plastics industry.





# Markets Served

Over the years the Hi -Technology Group has developed a close relationship with a number of companies in sectors ranging from consumer products to defense.

Whether you need a design solution, production tooling or injection moulding, we have the capabilities to handle you project requirements.

## Markets served:

- Aerospace
- Defence
- Health and Safety
- Marine and Leisure
- Mobility
- Medical
- Fluid – Hydraulic and Pneumatic
- Security



# Our History



**1983**

Founded as Tisson Manufacturing, now known as Hi-Tech Tooling

**1996**

Relocated to Tyak House

**2000**

Hi-Technology Group identity established

**2002**

Plastic Industry Awards Best Sales and Marketing Initiative winner

**2004**

Plastic Industry Awards Processor of the Year winner

Plastic Industry Awards Best Sales and Marketing Initiative finalist

**1986**

Hi-Tech Mouldings established as a subsidiary of Tisson Manufacturing

**1997**

Marlite Developments design consultancy formed, now know as Hi-Tech Design

**2001**

Hi-Tech Tooling relocated to Stratfield Park due to expansion

Plastic Industry Awards Processor of the Year winner

**2003**

Plastic Industry Awards Processor of the Year finalist





**2006**  
Plastic Industry Awards Best Training and Development Programme finalist

Plastic Industry Awards Processor of the Year finalist

Winner of the Manufacturing Live Awards for IT

**2008**  
The News Business Awards Business of the Year finalist

The News Business Awards Exporter of the Year finalist

Green Heroes Shield for environmental initiatives

**2010**  
Plastic Industry Awards Processor of the Year finalist

Plastic Industry Awards Best Environmental or Energy Initiative finalist

Manufacture Awards finalist for SME Manufacturer of the year

**2012**  
Plastic Industry Awards finalist in 5 categories

Winner of South Coast Business Awards RMS Tenon Award for Customer Service

South Coast Business Awards Best Use of Technology finalist

**2005**  
Plastic Industry Awards Best Sales and Marketing Initiative finalist

Manufacturing Live Awards finalists in IT

Best of British Manufacturing finalist in IT

**2007**  
Hi-Technology Mouldings Slovakia SRO established

The News Business Awards Team of the Year finalist

Plastic Industry Awards finalist in two categories

Manufacturing Live Awards finalist for Skills and Productivity

Winner of Green Apple Award for Environmental Best Practice

**2009**  
Plastic Industry Awards Processor of the Year finalist

Plastic Industry Awards Best Health and Safety Programme finalist

Manufacture Awards finalist for SME Manufacturer of the Year

**2011**  
Manufacturer Awards winner of People and Skills Award

Plastic Industry Awards finalist

Winner of South Coast Business Awards Growth Business of the year





 **Hi-Technology**  
group limited

**Hi-TechDesign**  
**Hi-TechTooling**  
**Hi-TechMouldings Ltd**

# Where to find us

## From London:

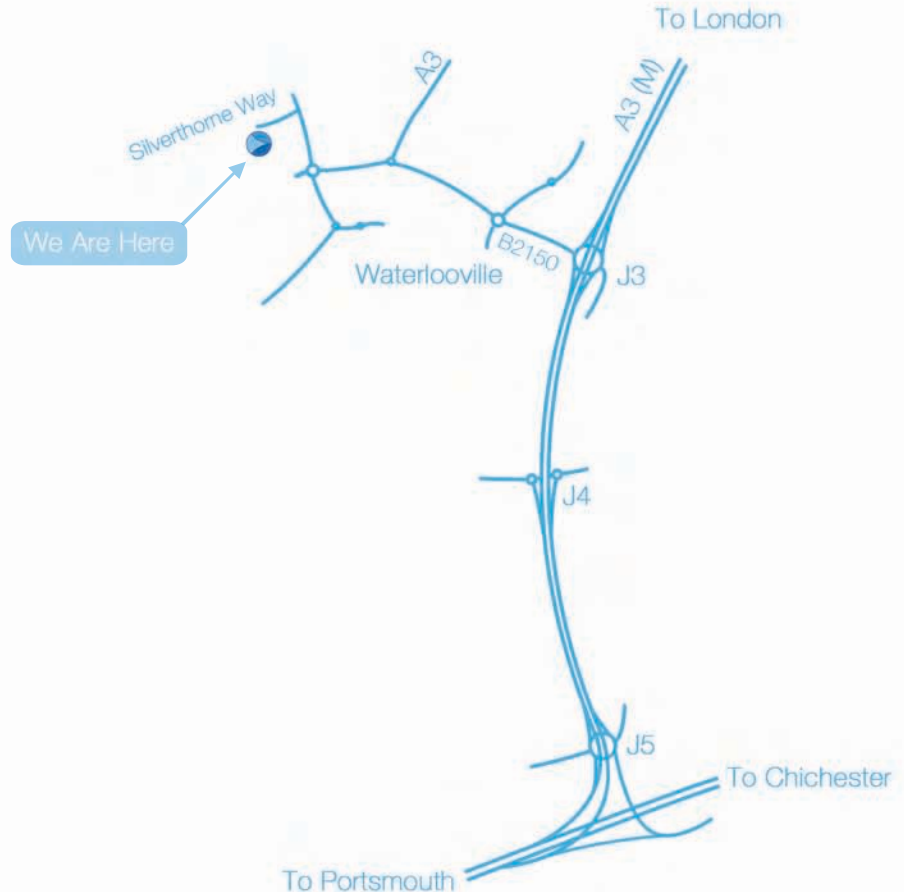
Follow the M25 to Junction 10 and exit South onto the A3 which becomes the A3(M). Exit at junction 3 signposted Waterlooville B2150. Go straight ahead at first roundabout, left at the second, third exit on the third. Then take the first turning on the left into Silverthorne Way. Tyak House is the last building on the left.

## From the North:

Follow the M1 to junction 6a, then take the M25 anticlockwise to junction 10, then follow the directions as from London.

## From the West:

Follow the M4 to junction 13, then take the A34 south to the M3. Take the M3 South to the junction with the M27 and take the M27 east to Portsmouth. Where it becomes the A27, at the junction with the A3(M), go North. Exit at junction 3 signposted Waterlooville (B2150). Then follow the directions as for London.





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