



Excellence
Through
Precision



WHY GTM?

Galway Tool & Mould design and manufacture outstandingly precise, high-performance, cost-effective injection moulds. We bring your concept through to complex injection mould solutions.

At GTM, we are known for working closely with our customers on their core ideas and generating feasible, innovative concepts.

We offer a complete turnkey solution for our customers, from initial component design through to final testing & validating.

Our services include; Product Design & Development, Manufacture of Prototype & Pilot Moulds, Manufacture of High-Precision Production Moulds, In-House Mould Trial & Validation Centre, and In-House Metrology Capabilities.

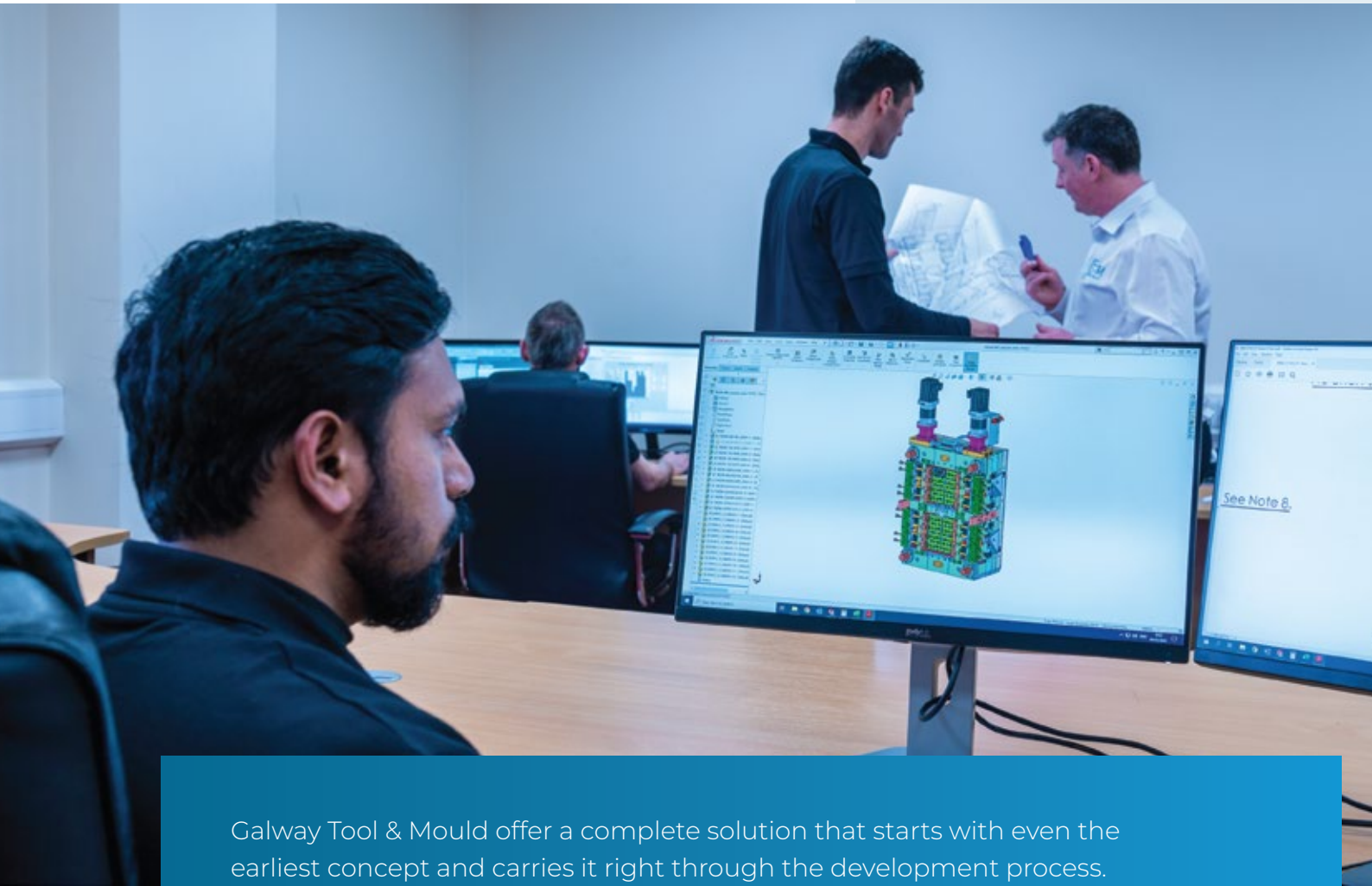
We maximise production capacities with 'lights out' manufacturing and we are continuously investing in state-of-the-art machinery and facilities to meet all of our customers' requirements.

Through our In-house capabilities we keep your project on time, on specification, and on budget.



MOULD

DESIGN & DFM SERVICES



Galway Tool & Mould offer a complete solution that starts with even the earliest concept and carries it right through the development process. We bring your concept to reality.

WE SPECIALISE IN:

- Functional Component Design
- Design For Manufacturing (DFM)
- Full Design Of High Cavitation Complex Moulds
- Quality Solutions For Complex Projects

KEY BENEFITS

- Team of dedicated mould designers
- Efficient design turn around time
- Your concept is transformed into a robust industrial design
- Expert advice & experience

MOULD

MANUFACTURING

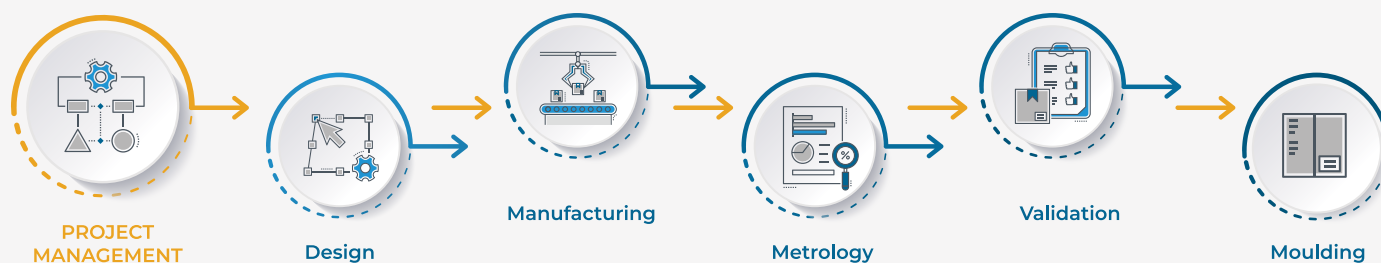


Galway Tool and Mould invest in the most technologically advanced, automated equipment and software available. We use the latest 3D CAM software, to program automated 3 & 5 axis high speed machining centres, and the EDM section which has resulted in the elimination of manual programming and a reduction in the final fitting time. This makes for a more efficient and controlled environment producing a better quality mould.

We operate a clean, organised manufacturing area with an efficient work-flow to ensure we develop robust, reliable production processes, necessary to deliver repeatable core and cavity inserts. We have many years experience in a number of industries. We offer a full range of pilot, upscale, production and repeat series moulds.



THE GTM WAY...Excellence Through Precision



PROTOTYPE MOULD

KEY BENEFITS:

- Rapid solution to prove concepts
- Cost effective solution to eliminate costly production tool rework
- Quickly refine engineering parts
- Allows quick customer evaluations
- Prove runner concepts and gating positions



PILOT MOULD

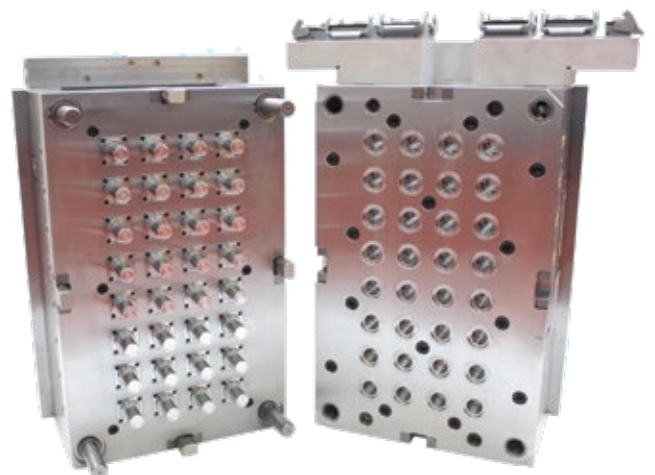
KEY BENEFITS:

- Highly experienced in Medical device and Pharmaceutical mould tool design
- Experienced in risk analysis and solutions
- Mold-flow analysis capabilities
- Design qualifications/DFMs to support recommendations
- ISO 13485 & ISO 9001 accredited

PRODUCTION MOULD

KEY BENEFITS:

- Efficient workflow programs
- Consistent inspection controls
- Guaranteed repeatability with full cavity and core interchangeability across the mould
- High cavitation up to 96 impressions
- Over moulding on hyper tubes
- 2 Shot moulds



MOULD

VALIDATION & METROLOGY



GTM'S VALIDATION CENTRE

ADVANTAGES OF MOULD VALIDATION WITH GTM:

- Qualified process technician on site to oversee mould trials and DOEs
- GTM have the space for customers to place their IMM's on site if required
- Direct access to the toolroom for immediate tooling mod's, fixturing requirements, etc.
- Direct access to design support for component & tooling updates.

We offer three options to our customers to meet their validation needs.

- GTM standard validation process.
- Customers validation process.
- Bespoke validation process.



METROLOGY

KEY BENEFITS:

- Reduces logistics.
- Assures tooling quality & reliability.
- Accuracy.
- Precision.
- Inspection.
- Repeatability.

At GTM we continually invest in the latest software & equipment, some of which include:

- Mitutoyo CMM
- OGP SmartscopeSystems (Full CNC with Probes)
- Swiss Measuring Instruments TrimosV
- MiniTab
- MeasureMind3D
- Full Range of general inspection equipment

MOULDING

KEY BENEFITS:

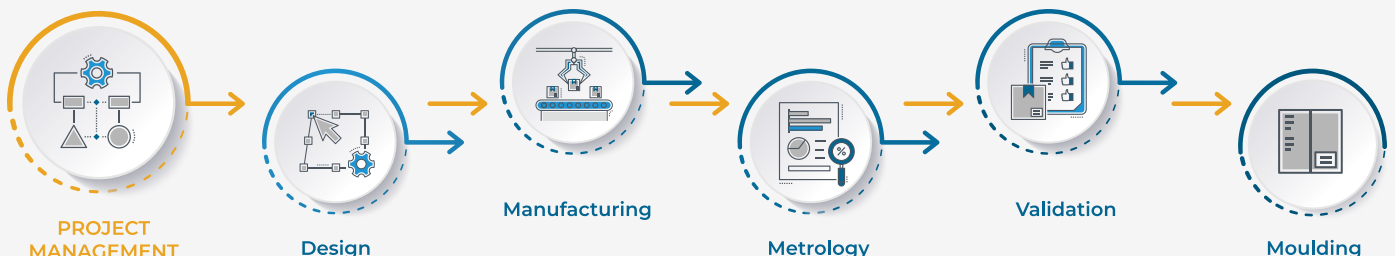
- Complete solution.
- Class 8 clean room moulding capabilities.
- Frees up customers own production capacity.
- Increased speed in part qualification.
- Cost effective.
- Replicate real production conditions.
- Various options on grade of material.

Our technology includes:

- Fanuc RoboshotS 2000i 300B
- Fanuc RoboshotS 2000i 100B
- Fanuc Roboshot S 2000i 50A
- Fanuc Roboshot S 2000i 30B
- All machines equipped with Hopper Dryers
- IMM's equipped with robot capability.

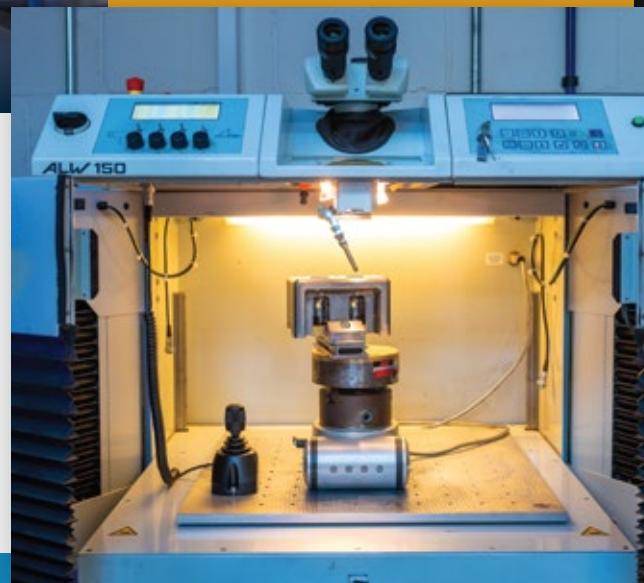


THE GTM WAY...Excellence Through Precision





REPAIR & MAINTENANCE



One of our key advantages is that all of the repair processes from the welding to the re-machining to the inspection are all done on site

KEY BENEFITS:

- Guaranteed repeatable spares
- Full mould repair and refurbishment service
- Complete onsite capabilities
- Scheduled tool servicing and PPM programs
- Third party tool servicing and PPM programs
- Laser welding centre with latest technology machines

LASER WELDING CENTRE:

- Micro welding accuracy
- Excellent depth to width ratio
- Limited heat affected area
- No physical contact between the steel and laser head
- No annealing of the surround area in the steel
- Hygienic compared to traditional methods



INDUSTRIES

WE WORK IN

MEDICAL DEVICE



PHARMACEUTICAL



EQUALLY INVESTED

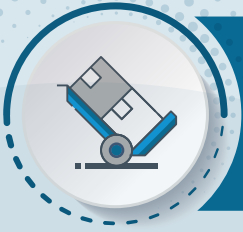
WE WORK COLLABORATIVELY WITH YOU EVERY STEP OF THE WAY



EFFECTIVE COMMUNICATION

One experienced project manager as the main point of contact for the entire project. Keeping our customers informed at every stage of the project on performance, expectations and providing detailed feedback.

1.



ON TIME DELIVERY

At GTM our time windows are always oriented to your requirements - not the other way around. We have a reputation for always delivering on time.

2.



COLLABORATIVE PLANNING

The project manager works collaboratively with our customers to meet their specific requirements. This helps create a shared vision allowing us to provide high efficiency and cost benefits.

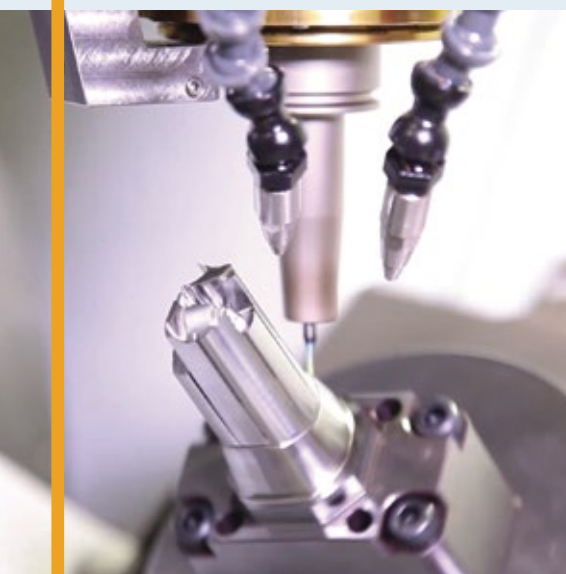
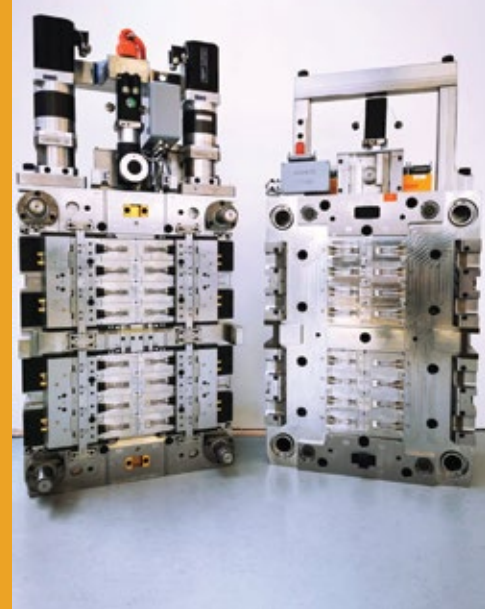
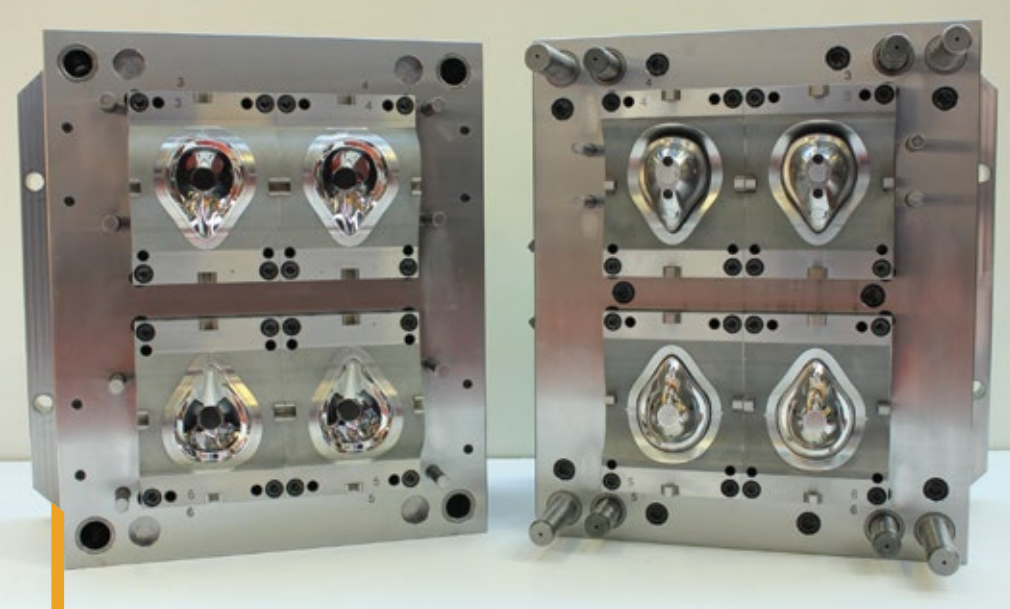
3.



ACCESS TO EXPERTS

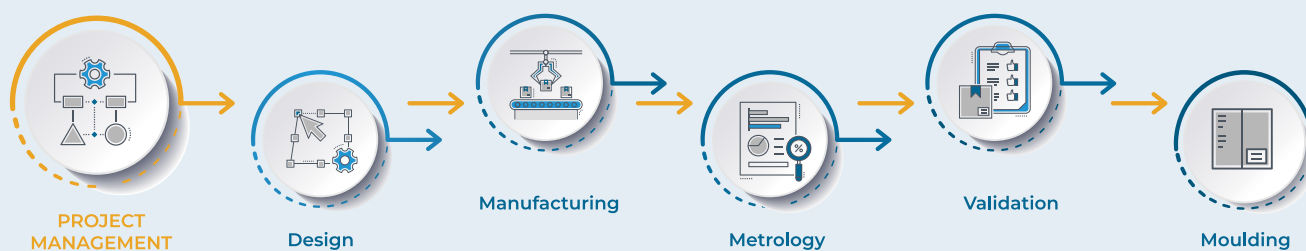
We provide access to our experienced employees, which allows our customers to get critical expert advice with ease and provides them with the confidence that their project is completed to the highest standards.

4.



THE GTM WAY...

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Equally invested

We work collaboratively with
you every step of the way.



W: www.galwaytoolandmould.com

T: +353 91 704784

E: info@galwaytoolandmould.com