

MOULD YOUR VISION INTO REALITY

DOTMAR INJECTION MOULDING

At Dotmar Injection Moulding, we specialise in transforming ideas into high-quality, precision-engineered plastic components.

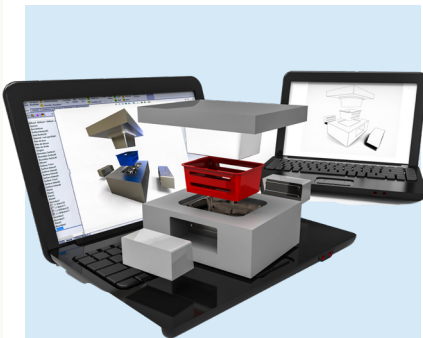
With decades of industry expertise, we partner with businesses to innovate, design, and manufacture exceptional products across industries such as Automotive, Food & Beverage, Pharmaceuticals, Consumer Goods, and more.

Through our ISO 9001 certification, we proudly deliver exceptional quality and confidence in our product leaving the factory floor.



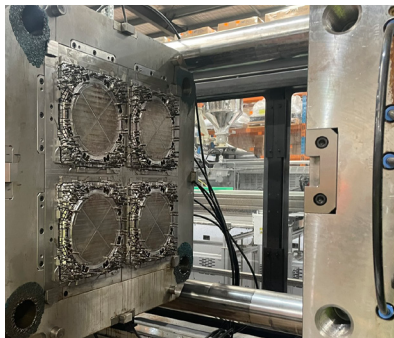
OUR CAPABILITIES

Product Design and Tooling



End-to-end product development support, including material selection, in-house tooling design and prototyping to ensure the best outcome.

Fully Equipped Injection Moulding Facility



With 22 injection moulding machines ranging from 30 to 800 tonnes, we deliver precision manufacturing, from small 2g components to large 4kg products.

Product Assembly and Value Added Services



We provide product assembly, ultrasonic welding, tool maintenance, and storage to streamline production, reduce downtime, and ensure high-quality, cost-effective manufacturing solutions.

WHY CHOOSE INJECTION MOULDING?

COST-EFFECTIVE

After the mould is fabricated, the per-unit cost substantially diminishes, rendering it particularly suitable for large-scale manufacturing operations.

VERSATILE

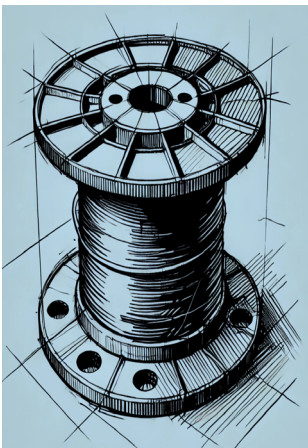
Injection moulding offers high-precision production of complex shapes using a variety of materials, from thermoplastics to elastomers, enabling versatile product design.

INCREASED EFFICIENCY

Injection moulding offers high production efficiency, resulting in shorter cycle times and increased output. This contributes to lower production costs and faster time-to-market for products.

DOTMAR INJECTION MOULDING PRODUCT DEVELOPMENT PROCESS

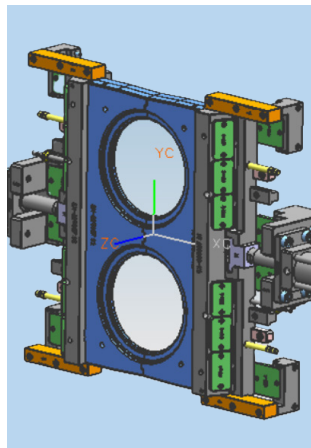
IDEATION



We engage in a thorough analysis of your product specifications and application parameters.

This enables us to provide expert guidance on material selection and offer insights into critical considerations.

DESIGN



With years of experience, our in-house R&D design lab excels in fabricating customised tooling and moulds.

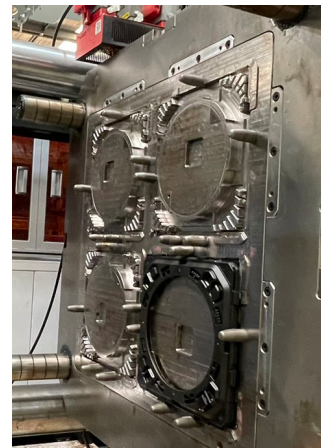
Subsequent to production, be assured of regular maintenance and proper storage of your tools.

PROTOTYPING



To mitigate potential errors, we collaborate closely with clients to develop approved prototypes tailored to their specifications prior to transitioning to full-scale production.

PRODUCTION



Our 22 machines cover a wide range, from 2g closures to 4kg.

Paired with robotic automation, and product assembly if required, we efficiently handle small to large-scale production needs.

SUSTAINABILITY

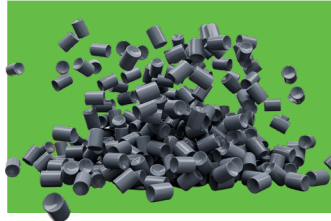
At Dotmar, we are dedicated to driving sustainability in engineering plastics.

Our focus is on reducing environmental impact by offering high-performance, recycled materials that minimise fossil resource use and lower carbon footprints. Dotmar's commitment to sustainability supports industries in meeting their environmental goals while maintaining product durability and performance.

We strive to lead the way in providing responsible solutions that align with our clients' ESG initiatives and build a more sustainable future.



Post- Industrial waste
Collected from
Dotmar Engineering
Plastics and other sources

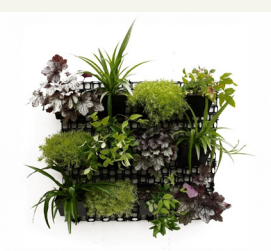


Waste is sorted and
ground into usable
granules.



Plastic granules can then
be re-used and injection
moulded into a new
product.

APPLICATIONS



YOUR PRODUCT, OUR COMMITMENT

Uncompromising Quality Assurance

- ISO 9001 certified with rigorous quality control processes
- In-house testing facilities for comprehensive material and product inspections
- Detailed pre-production sample testing and post-production audits

Expert Guidance and End-to-End Support

- Dedicated project management team providing ongoing support throughout the process
- Consultation on material selection, product design, and process refinement
- Clear communication and rapid response to customer inquiries

Reliability and On-Time Delivery

- Robust production planning, real-time project tracking, and efficient logistics management
- Ability to meet tight deadlines and handle complex production requirements

ABOUT DOTMAR



With a legacy of over 50 years in the plastics industry, Dotmar is the largest distributor of semi-finished engineering thermoplastics and conveyor components throughout Australia and New Zealand.

Our eight machining centres, alongside our full-service injection moulding facility (Dotmar Injection Moulding), combined with a team of skilled engineers and industry experts, enable us to bring your ideas to life—whether it's a single prototype or large-scale production runs.

Dotmar partners with some of the world's most trusted and respected companies and organisations, including the Australian and New Zealand Defence Forces, Coca-Cola, Rio Tinto, Asahi Breweries, Arnott's Group, BHP Billiton, and many more.

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im-sales@dotmar.com.au | 1300 804 618

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