



## *Contract Rotational Moulding*



## **Forward Moulding** is a division of Francis Ward Ltd that specialises in Contract Rotational Moulding

### **Forward Moulding's purpose is:**

To work in close partnership with our customers to produce exceptional rotational moulded products, that meet their needs.

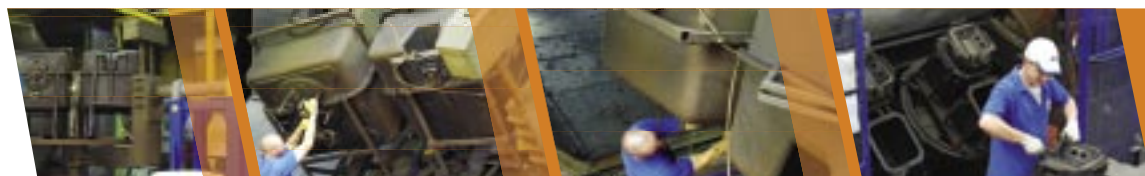
Forward Moulding may be the new name in the rotational moulding industry, however through the parent company of Francis Ward, there is over 50 years of in-depth expertise in Rotational Moulding. Such expertise has led Francis Ward to become the leader in the challenging process of rotational moulded Intermediate Bulk Containers and plastic drums for hazardous substances.

Rotational Moulding (often referred to as Rotamoulding or Rotomoulding) is a process ideal for producing hollow plastic products, such as tanks, containers, garden furniture and sporting products.

By using additional post-moulding operations, complex components can be produced – the list of goods made can be endless!

### **Why Rotational Mould**

- Cheap tooling costs in comparison to injection and blow moulding
- Low investment costs for low volume products allows for quick entry into market
- Process provides uniform wall thickness, even at corners and with defined angles
- It is a stress free, low-pressure process, that produces strong and durable products. In comparison, blow moulded stretches the plastic resulting in finished goods with built in stresses acting as weak points
- Wide range of materials to select from to give product optimum resistance to liquids, solids, chemicals and weather conditions
- Special moulded-in features – screw threads, metal inserts, logos and strengthening ribs can all be incorporated in to the design





## Why **Forward Moulding**

- › Parent company, Francis Ward, is held in high regard for over 50 years expert rotational moulding service
- › Proven track record of working in challenging markets
- › Operate from a 54,000sq ft site with 27,000sq ft of operational factory space
- › Machine capacity to manufacture up to 3.5m long products
- › Have carousel machines that make it cost effective to produce products from 100mm up to 700mm in size
- › Internal design with SolidWorks to manage projects and give design engineering assistance
- › Strong relationships with leading Polymer Suppliers to ensure consistent supply and technical support
- › Understand the importance of delivery on time and in full
- › Design and manufacturing is quality accredited to BSI EN 9001:2000
- › Member of the British Plastic Federation
- › Agreement to work with Rota Design\* – Specialist in the field of rotational moulding design
- › Extensive testing and quality checking that goes beyond BSI accreditation
- › Have on-site metal fabrication if required for finished product

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



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