Leading Technology in Rotational Moulding

BI-AXIAL MACHINES

ROCK-N-ROLL OPEN FLAME

PULVERISER

EXTRUDER

SCRAP GRINDER

MOULDS

SHREE MOMAI®

Turn our Technical Expertise into Product Advantage

ISO 9001 : 2000 Certified Company

Revolution in
Rotational Machinery at your doorstep...

Shree Momai Rotocast Containers Pvt. Ltd. Was established in 1992 in Vadodara (Gujarat, INDIA). While moving towards the future, It was in the year 2002, that we evolved into an established manufacturing unit for Rotational Molding Machines, Moulds, Pulveriser, Extruders and other Roto-Moulding products at Waghodia (G.I.D.C.) Vadodara.

Shree Momai Specializes in offering an invincible range of Rotational Molding Machines and Pulveriser. We are an ISO 9001 : 2000 Certified Company for Quality Management Systems and a Certified Member of ARM International (Association of Rotational Molders International), Star Asia. With a team of skilled workers and full fabrication facilities expanding in more then 25 thousand square feet factory area, we have developed a complete set of in-house RotoMoulding Plant through which we are able to manufacture heavy-duty and durable machines. Further more we have developed our line of products to offer complete range of durable products in Rotational Molding Industry.

Despite of the intense completion, our products have received accolades and respect from all over the world and are exported to regions like South America, Middle East, Australia and South Africa due to our innovative design, advanced technology, reasonable prices and strong business tie-ups with qualified professionals form Australia. We welcome more and more clients each and every day from all around the world towards healthy and mutually beneficial business relationships.

Our ranges of products are guaranteed to live up to our clients expectations and offer best quality and high performance Rotational Molding Machines. Your satisfaction is our primary goal. We persevere to give improved services that are designed to meet our client's requirement while maintaining quality standards.

Quality Title

Strive for Existence by Quality.
Strive for Development by Innovation.
Strive for Satisfactory by Services.
Strive for Save Fuel and Power Consumption

Mission

Create the Value for the Customer.
Create the Opportunity for Our Own.
Create the Wealth for the Society .
Create the name of our country
Worldwide in Rotational Molding

About **ROTOMOLDING**

The rotational molding process is a high temperature, low pressure plastic forming process that uses heat and biaxial rotation (i.e. Rotation on two axes) to produce hollow, one piece parts.

Critics of the process point to its long times-only one or two cycles an hour can typically occur, as opposed to other processes such as injection molding, where parts can be made in a few seconds. The process does have distinct advantage. Manufacturing large, hollow parts such as oil tank is much easier by rotational molding then any other method. Rotational molds are significantly cheaper then other types of mold. Very little material is wasted using this process, and excess material can often be re-used, making it a very economically and environmentally viable manufacturing process.

The flexibility of Rotomolding process allows for a wide range of shapes and sizes to be manufactured.

Steps in the rotational molding process:

1. After the type of resin is selected, a premeasured amount of plastic resin is placed into a mold.
2. The resin melts and fuses in a three-stage process. After the resin is loaded into a mold, the mold is inserted into an oven and rotated on two axes at low speed until the resin coats the inside surface of the mold cavity, fusing into an excellent uniform wall thickness.
3. While still rotating, the mold is removed from the oven and is cooled gradually.
4. The rotation ends when it reaches the temperature that the part can be safely removed from the mold.

Why Use Rotational Molding?

Many advantages make rotational molding the best choice. One of the greatest advantages is the reduced cost of tooling. The cost of having a mold built for rotomolding is significantly less than for most other plastics processes.

Molds can be machined, cast or fabricated from materials such as stainless steel or aluminum. Cast and machined molds are best when exacting tolerances or cosmetic finishes are important to the finished product. Cast molds offer a wide range of finishes from wood grain to a mirror finish. Fabricated molds are more economical than cast or machined molds, but offer less options for finish.

Other benefits of rotational molding include

- Design flexibility to meet specifications
- One-piece seamless construction
- Metal inserts and fittings as integral parts
- Uniform wall thickness
- Resistance to corrosion
- Ribs and cones for stiffening
- Variety of colors and finishes
- Lightweight
- Excellent load-bearing properties
- U.V. resistance
- Molded-in graphics, such as logos, and embossing
- Product longevity

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Product Range

- ROTO MOULDING MACHINE
  FULLY AUTOMATIC PC & PLC CONTROL
  THREE ARM/ FOUR ARM BIAXIAL CAROUSAL
- TWO / FOUR ARM SHUTTEL TYPE
- ROCK N ROLL OPEN TYPE/CLOSE TYPE
- ROTO MOULDS
- PULVERISER
- EXTRUDER
- SCRAP GRINDER

How Can we help you?

- We have vast experience in making machineries, moulds, Pulveriser.
- We can suggest economical projects and most suitable machines & Moulds.
- We can design moulds & machineries as per your imagination.
- We do keep long lasting relation with our customers.

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