

Simply Engineering
with Plastics



Jyoti Group

an **entity focused** on engineering with plastics



Jyoti Group was founded by **Late Shri. D. R. Desai** in 1959 with a vision to provide a solution to the corrosive nature of metal components in critical processes. Over the years, our company

has evolved into a respectable company that provides total solutions in Engineering Plastics. We have garnered considerable experience in plastic moulding and a deep understanding of its DNA.

Our forte is custom injection moulding and we mould plastic for various critical industrial components like Valves, Pipe Fittings, Submersible Pump Parts, Filters and in several other applications where corrosion of metal components is a quality issue.

Moulding & Assembly

Jyoti Plastic Works Pvt. Ltd.

1959

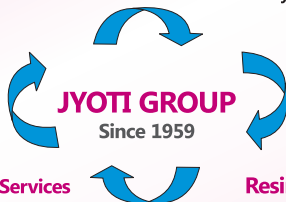
(www.jyotiplastics.com)

Tooling

Jyoti Plastic Works Pvt. Ltd.

1970

(www.jyotiplastics.com)



Engineering Design Services

Polysmart Technologies Pvt. Ltd.

2005

(www.polysmart.com)

Resin Compounding

Intercontinental Polymers Pvt. Ltd.

2000

(www.intelpolymer.com)

mission vision and values

impervious character



Mission

To enhance quality of life through engineered solutions

Vision

To be among the most respected companies that provides total solutions in engineering plastics & composites globally by **March 2014**

Values

- **J**oy in relationship between all stakeholders
- **Y**ield maximum return on investment to all stakeholders
- **O**pen to new ideas, feedback and learning
- **T**eamwork to ensure customer delight
- **I**nnovation & creativity for profitable, sustainable growth

quality policy unyielding quality

We are in the business of providing Engineered Solutions globally. Our policy is to endeavor to continually achieve and exceed customer satisfaction. We will achieve this by:

- Meeting and exceeding customer requirements and needs, through continuous improvement in our products & services
- Continually enhancing employee competence
- Continually adapting the right technology in our business processes
- Establishing, implementing & maintaining **ISO 9001 : 2008 QMS**

“Follow the Process, Quality will Follow”

strengths

bonds of success



- More than **50 years** domain experience in metal and import substitution- with engineered plastics
- **ISO 9001:2008** certification (DNV, Netherlands)
- Lean **Six Sigma** Procedures
- Jyoti runs **SAP**
- Proven, new product development process (**innovate - develop - optimize - verify**)
- Customized Project Management teams
- In-house “**concept-to-commerce**” facilities which include **injection moulding, extrusion moulding, composite moulding, plastics fabrication, tooling and testing**
- Experience in exporting to **USA, Europe & China**
- World-class product design and development infrastructure
- Advantage of **time-zone, cost competitiveness & talented work-force**
- Family values, professional management
- One-stop-shop

infrastructure

scalability of operations coupled with skilled workforce



We have three manufacturing plants located in **Daman, Dungri and Khadki** which have good rail and port connectivity.

Place	Space
Dungri	100,000 sq. fts
Daman	100,000 sq. fts
Khadki	400,000 sq. fts

Proximity within **200kms** from mumbai.

Our manufacturing facilities are built for addressing a range of processes and applications. Design, Tooling and Execution work in tandem to create a synchronized workflow. The workforce initiates several process improvements using **Six Sigma** practices for quality improvement.

Moulding Range	
PPO (Noryl)	PP
PC	ABS
Nylon	PA
PVDF	PBT
LCP	Composites (Thermoplastics / Thermosets)
PEEK	PVC

Facilities for post moulding operations	
Ultrasonic Welding	Solvent welding
Heat Sealing	Screen/pad printing
Dynamic Balancing	Insert moulding
Assembly	Testing

Jyoti Plastic Works Pvt. Ltd. an **efficient engine** for custom injection moulding



Jyoti Plastics is the flagship company of **Jyoti Group** providing solutions in various moulding technologies. This division has invested in machinery, technology and a skilled workforce to develop a highly efficient engine for custom injection moulding as a service.

We have the latest closed-loop microprocessor-controlled machines ranging from **50 to 1200 tons** which can handle components weighing from **2gms to 5000gms**.



capabilities

Jyoti Group

Compounding of Engineering Polymers

We manufacture, distribute, import and export a wide range of Polymers and Additives. We also offer customized, product-specific compounds and provide the highest value proposition to our customers. Our products have applications in IT, Automobiles, Electrical, Electronics, White Goods and Telecommunication industries.

Product Design and Development

We are authorized and silver certified Moldflow Consulting Partner, the first and only one in Asia. We are focused on development of plastic products using the state-of-the-art CAD/CAM/CAE tools. We provide engineering design consultancy services in the areas of Concept Design, Product Engineering, Meshing & Structural Analysis, Moldflow Services for Flow, Cool, Warp, Fiber, Over Molding, Gas Injection & Co-injection Simulation.

Tooling

Our in-house facility is equipped with computer-controlled CNC machines. The machining center is capable of manufacturing moulds of size 1000mm x 1400mm - suitable for injection moulding of 50-1200 tons.

Injection Moulding

We have the most comprehensive, "Just-in-time" injection moulding facility that caters to critical components made using Engineering Plastics, Fluoropolymers and Liquid Crystal Polymer (LCP). A high degree of accuracy is achieved on the latest closed-loop microprocessor-controlled machines.

Composite Moulding

We have the flexibility of working with a variety of fibers and resins such as Polyester, Vinyl ester and Epoxy - in combination with Glass, Carbon and Metal. Our facility includes techniques such as RTM, Vacuum Infusion and In-Situ.

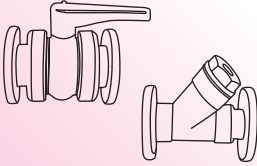
Quality and Testing

We have world-class Quality Management Systems such as ISO/TS and Lean Six Sigma. We are classified as "green channel suppliers" to many global customers. We have elaborate standard and customer specific testing facilities for incoming, online and finished goods.

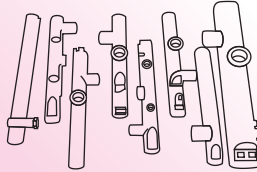
industries we serve

the art of engineering with plastics

fluid engineering



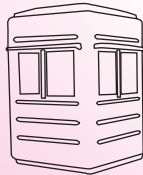
automobile



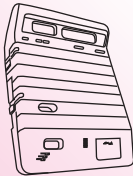
engineering applications



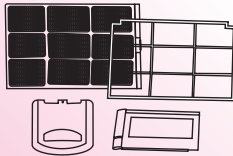
building products



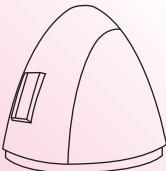
electricals & electronics



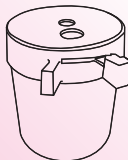
white goods



wind energy



medical



Jyoti runs



Jyoti Plastic Works Pvt. Ltd.

94, Bombay Talkies Compound, Malad (West), Mumbai - 400 064. India.

Tel.: +(91 22) 2882 4448 / +(91 22) 3385 7400

Fax: +(91 22) 2882 0629

Emails:

Moulding: salescm@jyotimail.com

Spacemakers: salessm@jyotimail.com

General: info@jyotimail.com

Web: www.jyotioplastics.com