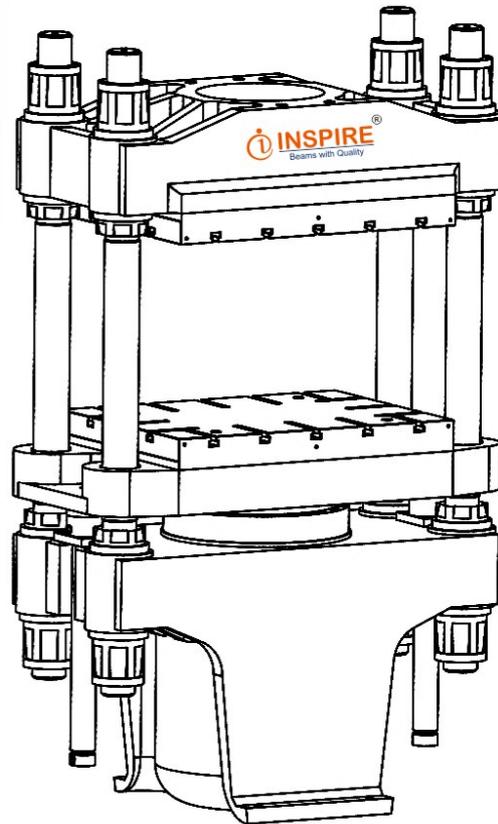




“Precision Manufacturing Since 2006”



COMPRESSION MOLDING MACHINE

At Inspire Engineers, “With a thorough understanding of our customers’ product requirements, we design and manufacture advanced, precise, maintenance-free, operator-friendly, and safe compression molding machines customized for each application.”

With over 20 years of manufacturing experience in the field of precision parts and 14 years of experience in rubber and melamine molding machines, INSPIRE has earned the trust of its customers and continue to benefit from a high rate of repeat business. At present, the company has acquired 12000 Sq. Ft. area for the production unit.

Vision:

To be a global leader in delivering high-performance compression molding machines that empower manufacturers of rubber, silicone, melamine, FRP & ceramic products to achieve unmatched quality and efficiency.

Mission:

To consistently exceed client expectations by integrating advanced technologies, superior sealing solutions and powerful hydraulic systems - supported by continuous innovation, exceptional service and on-time delivery.

Quality:

We are committed to providing reliable, high-quality products that meet or exceed customer requirements. Through continual improvement and a customer-focused approach, we strive to ensure lasting satisfaction and trust.

Core Values:

- Integrity
- Respect
- Innovation
- Excellence
- Team Work
- Accountability



**Upto Tonnage
30 to 1000 T**

Applications:

- Automotive Rubber Parts
- Domestic Rubber Products
- Surgical Rubber Products
- Industrial Rubber Parts, Sheets & Mats
- Aerospace & Defense Rubber Components
- Chemical & Electrical Industry Rubber Parts

RUBBER MOLDING MACHINE

SILICONE / NITRILE / LATEX / NATURAL



Capacity	Ton	100	150	200	250	300	400	600
Plate Size	mm	410x410	500x500	600x600	750x750	850x850	950x950	1150x1150
Day Light Gap	mm	350	350	350	350	400	400	500
Ram Stroke	mm	350	350	350	350	400	400	500
Ram Size	mm	250	300	350	400	450	500	600
Electric Motor	hp	5	5	7.5	7.5	12.5	12.5	15
Heater Load	kw	7.2	9	12	18	24	27	36
Total Load	kw	11	13	17.6	24	34	37	48

MELAMINE MOLDING MACHINE

BAKELITE / FRP-DMC-BMC / UHMWPE

**Upto Platen Size
60"x60"**

Industries we serve:

Tableware Manufacturers
 Bathware Items Manufacturers
 Electrical Components Industry
 Thermoset Products Manufacturers
 Hotelware Products Manufacturers
 Domestic - Engineering Parts Manufacturers



Capacity	Ton	150	200	250	250	300	400	600
Plate Size	mm	500x600	500x700	600x800	800x800	900x900	1000x1000	1150x1150
Day Light Gap	mm	450	450	550	550	550	550	650
Ram Stroke	mm	400	400	500	500	500	500	600
Ram Size	mm	300	350	400	400	450	500	600
Electric Motor	hp	5	7.5	7.5	7.5	12.5	12.5	15
Heater Load	kw	12	14.4	18	18	24	27	36
Total Load	kw	15.75	20	24	24	34	37	48

About Products

Materials can be molded :

- Rubber
- FRP
- Bakelite
- Silicone
- SMC
- Ceramic
- Melamine
- DMC
- UHMWPE

Various kinds of machine :

- Pillar Type / Frame Type
- 0R - Simple Press Up-Down
- 0RT - Manual Sliding
- 1RT - Auto Sliding
- 2RT - Auto Top Mold Opening
- 3RT - Auto Top & Middle Mold Opening
- 4RT - 3RT + Ejector
- 2S - Double Station
- 2D - Double Daylight
- Core Lifting - Inside Top/Bottom
- Vacuum Type Compression Molding
- Transfer Molding

Machine Supplied in 2025

600 Ton

45"x 45" - 1RT

400 Ton

40"x 40" - 2D

300 Ton

36"x 36" - 0R

250 Ton

28"x 26.5" - 2D - 2S



600 Ton - 1RT



100 Ton - 0R - 2S



400 Ton - 2D



Molds - Rubber & Melamine

Our Satisfied Clients



INSPIRE ENGINEERS



Location
QR Code

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