LabhGroup

Empowering Business
Transforming World!



Global Leader in Providing Next Generation Turnkey Solution to Plastic Processing Industries!

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Presenting

Injection Molding Machine for Polystyrene (PS) Container

LabhGroup

30+ Years of Rich Experience | **100+** Countries Global Presence | **10000+** Delighted Customers

Injection Molding Machine for PS (polystyrene) Container



Plastic Processing Machines Division

Global Leader in Next Generation Plastic Processing Plant & Machines

ISO 9001:2015 CERTIFIED | ISO 14001:2015 CERTIFIED | European Coformity CE Certified Products | GMP Quality | Executive Member FIEO Federation of Indian Export Organizations





Technical Specifications

Particular	Specifications
Name	Injection Molding Machine for Polystyrene (PS) Container
Function	To produce PS plastic containers
Clamping Force	Up to 800 tons (As per requirement)
Injection Pressure	150-200 MPa
Screw Diameter	30 - 90 mm
Shot Volume	100 - 2000 cubic cm
Cycle Time	5 - 15 seconds
Mold Cavity	Single / Multi-Cavity
Servo Motor	Panasonic - Japan or equivalent
Main Motor	ABB – Switzerland or Equivalent
Programmable Logic Controller (PLC)	Omron – Japan or equivalent
Human-Machine Interface (HMI)	Omron – Japan or equivalent

Digital Temperature Controller	Omron – Japan or equivalent
Switch Gears	Schneider – France or equivalent
Power Supply	440 Volts, 50 Hz, A.C., Three phase with neutral (can also be designed as per specific requirement)
Working Temperature	-10 °C to 40 °C (14 °F to 104 °F)
Working Humidity	Up to 90 percentage
Noise Level	Up to 80 dbA
IP Protection Class	IP54
Working Hours	24 hours per day
Note	Exact specifications may vary and shall be made available upon specific request.

Salient Features

- Designed to manufacture high-quality, durable, and lightweight food-grade containers, trays, and packaging solutions
- Provides high efficiency, precision, and automation to meet the requirements of large-scale production
- Hydraulic system operates with an energy saving regulating variable displacement pump
- With PLC & HMI touch screen control for accurate tuning of machine operation
- With grease based centralized auto lubrication system for proper lubrication of machine parts
- With digital temperature controller to control and monitor the temperature of machine
- Equipped corrosion-proof stainless-steel material hopper with alarm system
- Aesthetically and ergonomically build machine for best performance
- Produced in an advanced state of the art manufacturing facility
- Latest technology for better performance and improved efficiency
- World class bought out items for optimum operations
- Operator friendly machine, hence easy to operate and maintain
- Sturdy design to ensure long life and trouble-free operation

Send your inquiry now

About Labh Group

Labh Group is a global engineering and technology-driven industrial conglomerate with headquarter in India. We provide complete end-to-end next-generation smart, innovative turn-key solutions to diverse industries across the globe. With **30+ years** of rich experience and presence in **100+ countries**, we have helped **10000+ customers** to excel and outperform in their industry.

Leveraging over an experience of around three decades, we continuously reinvent to help our customers achieve better results and create a more sustainable world for our current and future generations.

Living by our core values of excellence, respect, care and joy, we at Labh Group are committed to provide best advice, best quality products, at the best price with the best service, always!

We help our customers write their future!
We are LabhGroup!



(Click to watch our corporate video)

8 Outstanding benefits our customers enjoy



1. Expert guidance

Get the best advice from our experts to help you make the right decision



2. Complete turn-key Solutions

Our state of the art end to end one stop 360 turn-key solutions for smooth execution



3. Most competitive price

Very reasonable price for a long term win-win partnership



4. Best quality machines

Optimally designed high quality machines for best performance and long working life



5. Installation & Commissioning

Smooth and perfect installation by our expert technician at your site



6. Automation and upgradation

Increase productivity & profitability with our advanced technology



7. Knowledge Sharing

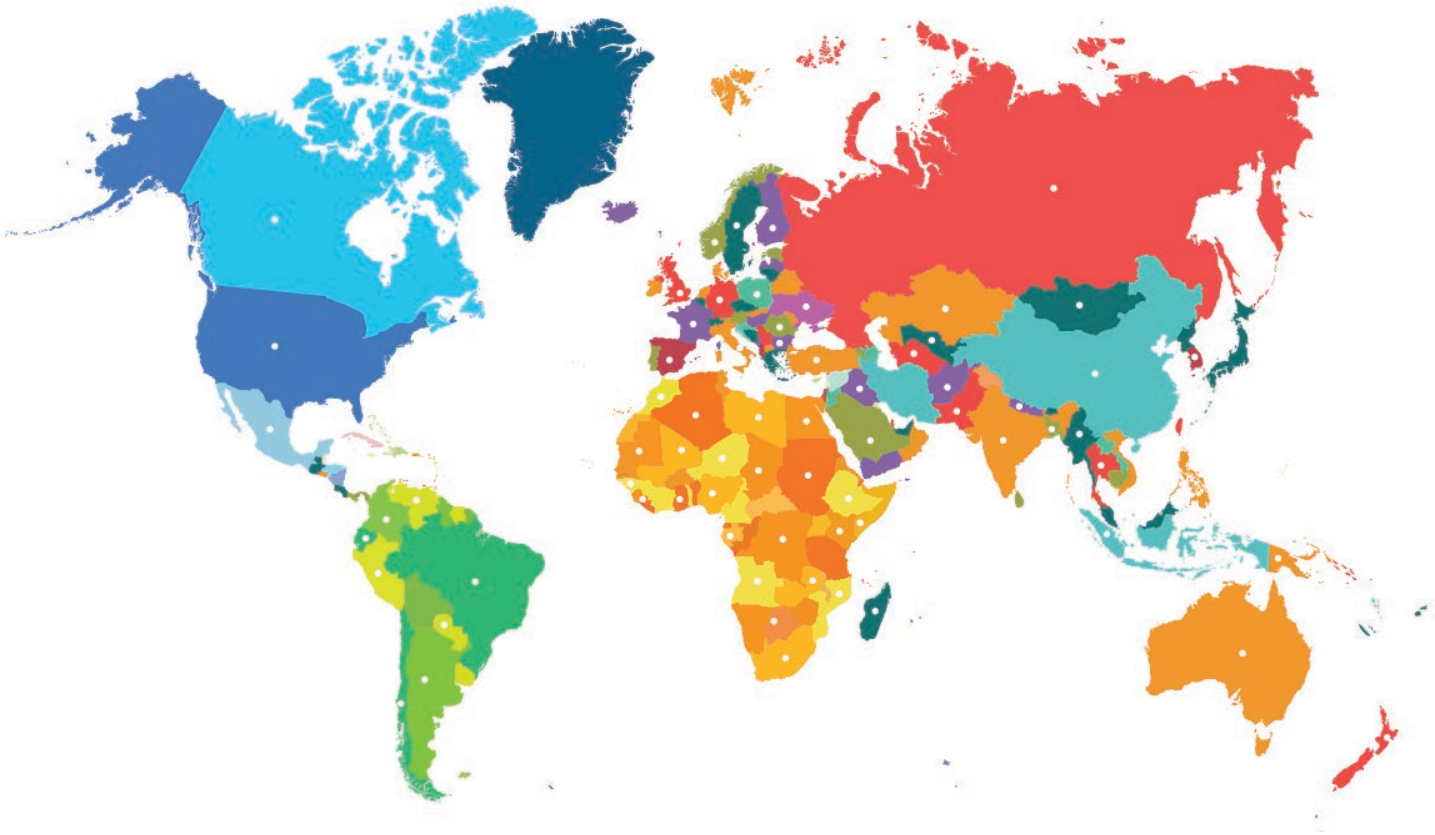
Stay ahead of your competitors with our latest industry development and trend mailers



8. Lifetime Support

Prompt and efficient after-sales support by our dedicated technical team through email, call or site visit

Our Global Presence



30+
Years of rich experience

100+
Countries - Global presence

10000+
Delighted customers

Get In Touch

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