



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

www.labhgroup.com

Presenting

**Melamine Crockery Making
Machines**

Automatic Hydraulic Press Machine



30+
Years of Rich
Experience

100+
Countries
Global Presence

10000+
Delighted
Customers

Automatic Melamine Powder Moulding Hydraulic Press Machine



Plastic Processing Machines Division

Global Leader in Next Generation Melamine Crockery Machinery



Semi-automatic Hydraulic Press Machine



30+
Years of Rich
Experience

100+
Countries
Global Presence

10000+
Delighted
Customers

Semi-automatic Melamine Powder Moulding Hydraulic Press Machine



Plastic Processing Machines Division

Global Leader in Next Generation Melamine Crockery Machinery



High Speed Hydraulic Press Machine

LabhGroup

30+
Years of Rich
Experience

100+
Countries
Global Presence

10000+
Delighted
Customers

High Speed Melamine Powder Moulding Hydraulic Press Machine



Plastic Processing Machines Division

Global Leader in Next Generation Melamine Crockery Machinery



Technical Specifications

Particulars	Specifications
Name	Melamine Powder Moulding Hydraulic Press Machine
Function	To mold melamine powder into various products using hydraulic pressure like spoon, bowl, plates etc.
Machine Type 1	Automatic hydraulic press
Machine Type 2	Semi-automatic hydraulic press
Machine Type 3	High speed hydraulic press (Double Stroke)
Tonnage Capacity	Up to 300 tons (Can be customized as per requirement)
Plate Size	800 x 800 mm (Depends on model)
Distance between Plates	Up to 550 mm (Depends on model)
Stroke Length	Up to 450 mm (Depends on model)
Plate Heating System	Electric Heater
Heating Temperature	Depends on the type of melamine powder being used
Cycle Time	Depends on the specific product being manufactured

Material of Construction	Mild Steel (MS)
Raw Material	Different grades of melamine powder
Final Products	Melamine crockery (Spoon, bowl, plates, platter etc.)
Main Motor	Havells - India or equivalent
Programmable Logic Controller (PLC)	Omron – Japan or equivalent
Human-Machine Interface (HMI)	Omron – Japan or equivalent
Main Motor	Havells - India or equivalent
Gear Box	Elecon - India or equivalent
Switch Gears	Schneider – France or equivalent
Heater Load	5-10 hp (Depends on model)
Motor Load	8-26 hp (Depends on model)
Power Consumption	Approx. 15-40 hp (Depends on model)
Warranty	1 +1 year extended warranty
Working Hours	24 hours per day

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

- Utilizes hydraulic pressure to compress the melamine powder, resulting in high-quality products
- Equipped with a robust frame, durable construction, advanced hydraulic system and a heating system for curing the melamine powder
- Efficient controls and high production capacity makes this machine ideal for manufacturing durable and precise melamine tableware and other melamine products
- Made up of high-quality materials to provide strength and stability to the machine during operation
- Sturdy frame ensures that the machine can withstand the high pressure exerted by the hydraulic system without deforming or malfunctioning, thereby ensuring the safety and reliability of the machine
- Control valves regulate the flow of hydraulic fluid to control the speed and pressure of the hydraulic system, ensuring precise shaping of the melamine powder
- Temperature and duration of the heating process are carefully controlled to ensure proper curing of the melamine powder and achieve the desired strength and durability
- Efficient control panel to set important operative parameters easily
- Aesthetically and ergonomically build machine for best performance
- Produced in an advanced state of the art manufacturing facility
- World class bought out items for optimum operations

- Designed to work 24 hours, round the clock
- Operator friendly machine, hence easy to operate and maintain
- Low maintenance and operating cost
- 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

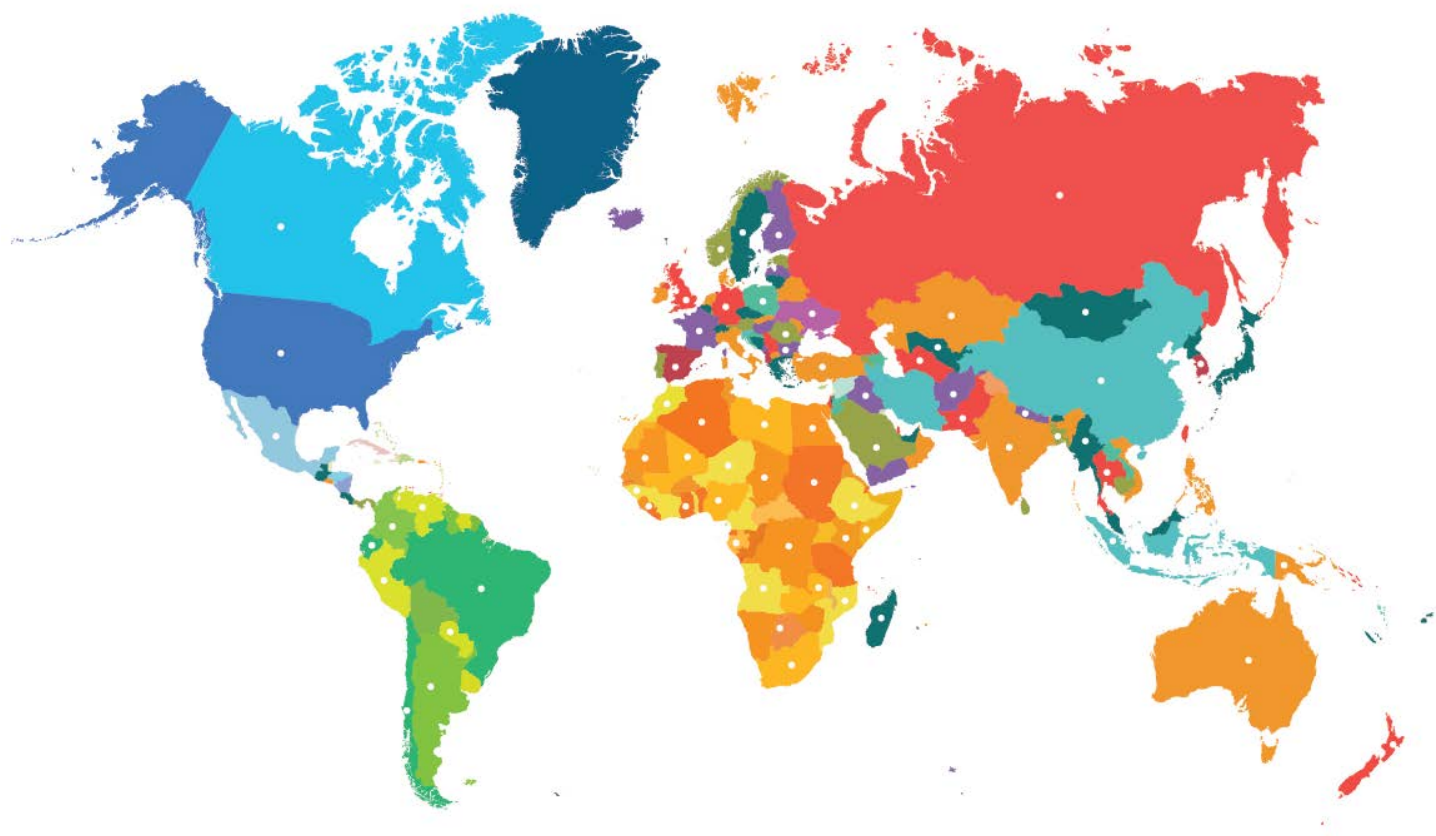
Stay ahead of your competitors with our latest industry development and trend mailers



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



Corporate office

Address: Labh Group of Companies

4th Floor, Sarthik Square, Pakwan Cross Road,
S. G. Highway, Ahmedabad – 380054, India.

Phone: +91-79-66611888, 66611999

E-mail: sales@labhgroup.com

Working hours:

Monday to Friday - 9:30 am to 6:30 pm (IST)

Connect with us on:



www.labhgroup.com

Disclaimer: Information provided here are for illustration purpose only and may not be actual representations. We reserve the right to change or discontinue specifications and designs shown in this brochure without notice or recourse.