

MINI BLOW MOULDING MACHINE

Blow moulding is a process of producing plastic hollow products like bottles, containers, bellows and other hollow plastic parts. Mini Blow moulding machine offers wide scope of applications while requiring minimum resource and maintenance.

Model	DI 100
Machine Capacity	0.5 - 100 Mls
Production output	4 - 6 bottles per minute (varies with weight and length of product)
Video	https://youtu.be/rHU78XFJbEI

The machine model developed keeping in mind requirement of micro industry development, training and Skill development activities.

Ideal for Set ups in:

- Training in Engineering Colleges / Institutes and Polytechnics
- Skill Development & Incubation centers, Self Help groups
- Industrial Training Centers (ITI)
- Micro Industry & Rural industry development projects
- New Start Ups / Entrepreneurship development / Make In Own COUNTRY Drives

Salient Features:

Operation on	- Single Phase Power
Fully Pneumatic	- working on air pressure (Air Compressor)
Fully Automatic	- Auto/Semi/Manual cycle option
Has No MOTOR in Machine	- Plunger (RAM) for parison formation
Power consumption	- ~ 1 to 1.25 units / hour
Produce critical parts	- products from 0.5 ml, achieve thickness of 0.2 mm
Plunger type	- head has mixing capabilities with color pigments
Simple operations	- No Skill labor required
Universal Platens	- can accommodate bigger size mould
Control panel	- Digital (PLC) / Analog

Blow machine can process plastic materials like LDPE, HDPE, Polypropylene, EVA, others

Advantages:

Offer Business opportunity with Low Capital Investment
Promotes Industry Development at grass root level in country
Aids Self Employment and Poverty Eradication programs
Suitable to be installed in Non-Industrial zones and Rural areas
Low working capital requirements
Least Maintenance cost & Power consumption (in its range of machines)
Price in accordance with Government schemes for New Start-Ups, Industry Development

Applications: Small bottles, containers in a variety of shapes and sizes for liquid soap, shampoo, oil, medicine, single dose packs, cosmetics and other packaging, disposables like droppers, pipettes, tool box, toy parts, teethers, balls, industrial components, bellows, automotive components, medical device components to name few applications on Mini Blow machine.

DI 100 Blow machine model is Winner of:

- **PLASTICON Awards** 2005 from **PLASTINDIA FOUNDATION**
- Received **Recognition of Excellence** in 2010 from **IPMMI**

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