

Series 400

Doming machine

For use with Single 400 gram 1:1 or 2:1 ratio, resin filled cartridges

The machine consists of an air cylinder with integral pistons attached to a moulded casting which supports the resin filled cartridge, this is attached to a metal frame and base with a modular control box

There is an extended arm which incorporates a pinch valve for controlling the flow of mixed resin through the dispensing pipe.

With the exception of the foot pedal, all the controls are located on the front of the power unit attached to a vertical extrusion, which has a height adjustable section, to raise and lower the pinch valve, if required.

The machine uses a single phase electrical supply 240V or 110V and compressed air at 4 to 6 Bar 60-80 psi. Solenoid actuated air valves raise and lower two metal pistons which when lowered make contact with the internal plastic pistons of the resin filled cartridge, the operation of a foot pedal control also activates a pinch dispensing valve and an electrical circuit controlling a digital timer

When the pistons in the cartridge are push down on the resin, the flow of resin is dispensed through a static mixer element and an attached 4mm OD x 2.5mm ID dispensing tube. The flow rate is controlled by air pressure selected at the air regulator and displayed on a pressure gauge.

The ON/OFF flow of resin is determined by the pinch valve controlled by the foot pedal. With further control provided by a dual digital timer, which controls the time the resin is being dispensed, Shot Time (the domed amount) and the interval between each dispense, useful for repeat domes



Specification

- On/Off Switch (illuminated)
- Foot Pedal Control
- Air Pressure Regulator with gauge
- Dual Function Digital Timer
- Piston Raise and Lower function
- Pinch Valve for positive flow shut Off
- Safety Switch
- Voltage 240V or 110V
- Compressed air 4/6 Bar
- A compressor is not supplied with the machine

12 Month warranty on parts, and return to base servicing.

Consumables

- Cartridges of Resin 400 gram in either 1:1 or 2:1 ratio
- Resin grades: Medium, for general use on Labels, Decals and Signage.
- Hard, for use on Labels, Badges.
- Flexible, for curved areas of application.
- Static mixers with (anti cross contamination) fixing with attached clear dispensing pipe 800mm length.

For further information including pricing and availability, contact

mockridge
doming
systems

Mockridge Doming Systems. Mockridge International
Cavendish Street, Ashton Under Lyne, Lancashire OL6 7QL
Tel ++44 (0) 161 308 2331 Fax ++44 (0) 161 343 9645
Sales@mockridge.com www.mockridge.com