



VARI **SCRIPT 2**

DOMING MACHINE

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Multi Axis CNC Doming Machine

No Learning Curve!

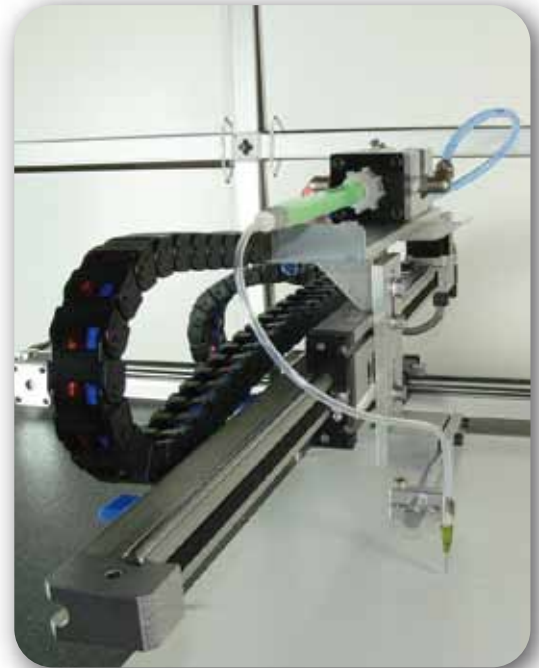
Uses the same graphics software you are already familiar with.

If you already use one of these.....

Adobe Illustrator, CorelDraw, Flexisign, SIGNLAB, Power CAD

.....then you can already use the MDS VariScript 2

So easy and quick to set up and use. Everything is visible on the screen, just click and drag to make the adjustments to the doming path. Or, for a small charge, we offer a **Doming Path Creation Services** just email your artwork to us and we will email it back to you with a ready made doming path for your job.

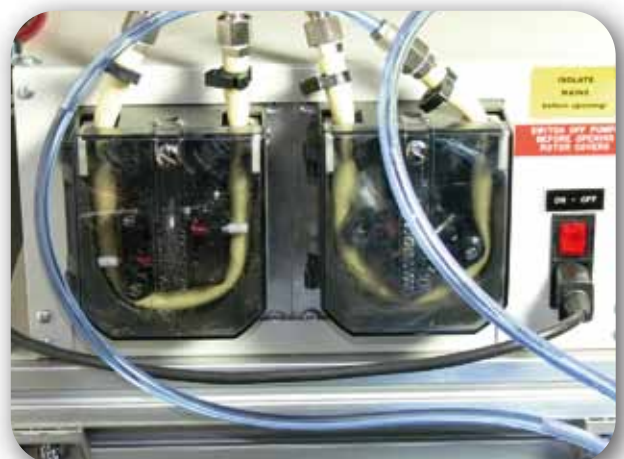


Variable Electronic Ratio Control

The **MDS VariScript 2** has all the variable output features of the **MDS VariDome**, plus CNC multi axis doming. Each of the dedicated single function gear pumps (for the precise measuring and metering of the resin and hardener) have individual electronic controls to allow the operator to set the precise ratios for the product in use. This feature also allows the fine tuning of the ratios to allow for differences in viscosity without the need for pre-heating the polyurethane. **Absolutely no pre-heating of the doming resin is required.**

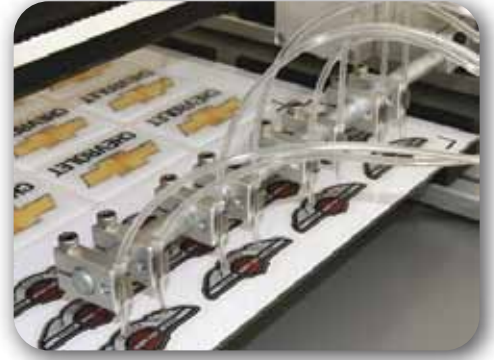
Automated Resin Transfer

Pumped resin supply from ground level. Liquid polyurethane is dispensed directly from the delivery containers. No heavy lifting. No time wasting decanting of resins into separate containers. Please note that the machine has two distinctly different types of pumps. Peristaltic pumps to transfer the material from the drums and precision electronically controlled measuring pumps to dispense the parts A and B onto the decals. These are two quite distinct and separate functions. It is false economy to combine them just to save a few dollars.



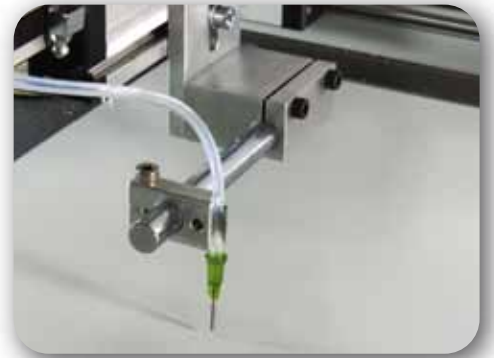
'Green' Multipoint Dispensing

The **MDS VariScript 2** utilises the unique low cost **MDS Squid** single or multipoint dispensers. These disposable mixers are available in a wide range of configurations to suit any job. They completely eliminate the use of harmful solvents in cleaning, thus protecting the environment, whilst at the same time safeguarding the health of the personnel in the doming room.



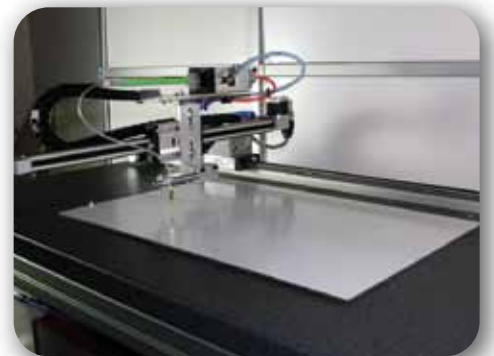
Positive Closure Valves

The Resin and Hardener are delivered by the precision gear pumps to the dispensing head which is fitted with air operated closure valves, giving a positive shut off after dispensing. This is critical when the delivery pipe or multiple pipes are moving between images being domed, to eliminate the risk of drops of liquid falling onto the work piece as the machine moves from label to label. To overcome this tendency some competitor's machines must use high viscosity polyurethane which can then result in difficulty when doming small radius corners etc, due to restricted flow characteristics of the higher viscosity product.



Doming Area 68cm x 48cm (27" x 19")

Not the largest in the industry, but **Certainly** the largest at this price! Any size of doming tray can be used for ease of handling, up to and including the maximum doming area. All **MDS VariScript 2** machines are made to order, so your machine will be unique to you, therefore the size of the doming area etc, can be modified to suit your requirements, both for the type of doming work you intend to do, and the space you have available. Virtually any changes you require can be incorporated into the final design.



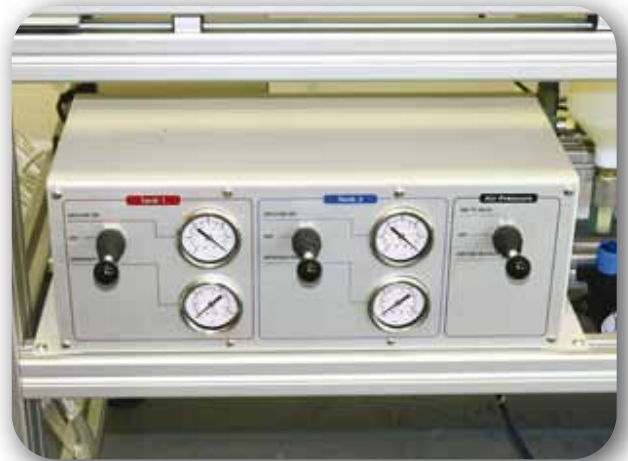
Modular Construction

Easy service and maintenance, just change the module on site. The modular construction allows for easy access, so that service and maintenance is normally carried out by the machine operator, without the need for an expensive service contract.

Vacuum Pre-Treatment & Nitrogen Blanket

Do not spend money on this facility if you do not need it! Only required for areas of the world prone to very high humidity.

Often oversold as an expensive 'requirement' that is in practice rarely used or needed. Years ago it was considered essential to have this as part of your doming room equipment because of the moisture sensitive polyurethanes then in use. Frankly, because today's polyurethane materials are so much easier to use this equipment is hardly ever necessary except in areas of the world subject to long periods of very high humidity. This is a plug in unit, easy to fit on site, so it can be easily added later in the unlikely event that it is required.



Technical Specification

Machine Type: MDS VariSript 2

Weight: 120 kilos (264lbs)

Size: 125cm x 84cm (49"x33")

Software Controlled Multi Axis Dispensing

Variable Doming Area up to: 68cm x 48cm (27" x 19")

Ratio Variable: Electronic Ratio Controlled Twin Gear Pumps 1 x 0.50cc 1 x 1.00cc
(pump capacities may vary according to resin ratio specified)

Shot Size: Variable Digital Control

Electronic Timer: 0 to 999.9 sec (Timer mode only)

Closed Loop Twin Peristaltic Transfer pumps

Positive Air Valve Shut Off Dispensing Control

Drum Capacity: 2 x 25 kilos or 2 x 225 kilos

Compressed Air Regulator control 7 Bar (100psi)

Registration and XY movement on board Computer

Manual and Timer Mode Control

External computer: USB/Serial port connection

Adjustable Aluminium Levelling Frame

No Tricks!

Finally, just to put your mind at rest. The price includes everything except external graphics computer, so no sneaky extra charges for the software or other essentials.

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