

PROGRESSIVE MACHINE, INC.

QF2024-M Flash Cure



OPERATORS GUIDE

Flash Operator's Manual

© Progressive Machine, Inc.
1703 Easley Bridge Road • Greenville, SC 29611
Phone 864.295.9697 • Fax 864.295.9695

1

Wiring Main Power to Flash

(Warning – Electrical connections should be made by licensed electrician only)



Figure 1.1 Internal view of the main breaker for connecting incoming power.

1. Have a licensed electrician connect the incoming 3 Phase power to the main breaker.
2. L1, L2, L3 coming in should be connected as labeled in the control and on figure 1.1
3. The ground wire should be connected to the ground terminal just above the main breaker.



Installing The Flash

The following steps should be used to properly install your flash without damaging the quartz bulbs.

1. Put the press in a safe condition with the platens raised.
2. Roll the Flash up to the print station that you are going to use and remove all interference. (ie. Screen holder, print head)
3. Check to make sure there is enough clearance for the flash to roll in over the Platens. If there is not enough clearance, loosen the kip levers on the side of the flash and turn the hand wheel on the top to adjust the height.
4. Once you have removed all interference and adjusted the height, roll the flash into the print station.
5. Line the flash up over the platen.
6. Using the hand wheel, set the desired height of the flash in relation to the platen. (This will vary based on flash time and material being flashed.)
7. Tighten the kip levers.

Warning – If the platens were not in the up position when the height was set, they may break the quartz bulbs when they do go up.

3

Timer Parameters



Figure 2

Note

Timer settings were properly set at the factory and should require no alterations.

1. The mode indicator for the timer is located on the bottom right corner. If the timer is not set for mode “D”, you should change it using a small Phillips screwdriver on the bottom right corner. Ensure the mode is set to “D”.
2. The duration setting should be 0 – 10 seconds. Just below the center of the dial is a small box that shows the duration increments. It should be set to **seconds**. Additionally, there are 6 small white windows in the face. They should read 0, 2, 4, 6, 8, 10. If either of the time parameters is wrong, change them to reflect the proper setting by turning the small Phillips screw on the bottom left of the face.
3. To set the time for the flash, simply rotate the outer clear plastic cover which, in turn, moves the red pointer.

4. The 'Zone' switches on the front of the control are simple on/off switches for the various zones. The switch all the way to the left (small zone) controls the first 3 bulbs, the second switch (medium zone) controls the next 3 bulbs, and the switch on the right (large zone) controls the three bulbs closest to the center of the machine. (Ex. If you are printing a large zone you will need to have all three switches turned on.)

Note: Single phase flashes will only have two zone switches. One for first four bulbs and one for last four bulbs.