NEHOC Australia Pty Ltd
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Information Sheet #40

Imaging Screens With NEHOC A3 Screen Maker

A set heat is produced using an IR heat element to image the screen. The 'intensity'is adjusted by use of speed, rather than adjusting the actual heat itself. To increase the heat the speed is slowed and vice versa to lighten the heat.

In order to keep the RISO ScreenMaster original artwork together, it is necessary to utilise a carrier to facilitate passage of the materials through the machine.

Step 1

Artwork can be hand drawn, photocopied or a computer laser print - as long as it's carbon based it will work. Full details of Artwork types and preparation see information Sheet #01.

Artwork preparation

The best form of artwork preparation is to place the artwork against a piece of Artwork Clean-Up Paper, insert into the carrier and pass through the machine at a setting of 5.

- This will eliminate moisture and excess carbon form the design, avoiding the #1 problem associated with imaging a screen.

Step 2

Lift the clear cover of the carrier and place your artwork 'face up' inside the carrier.

With your ScreenMaster cut to size, place over your artwork with the film side [smooth] down against your artwork.

Step 3

Turn the machine on and set to the to the required setting [5 is normally used for photocopies/ laser prints] and feed the carrier into the front of the machine in a continuous motion.

Step 4

The carrier will be passed through the machine and fed out the back of the machine.

- Do not stop feeding when the light from the heat is visible
- The machine will 'grab' the carrier and pull it through

Step 5

Support the carrier as it comes out the back of the machine.

- Do not pull it through, just support it's weight as it comes through

Step 6

Lift the cover and remove your imaged screen from the carrier.

As pictured left, the screen has now been imaged. Check a corner to see the screen has been imaged correctly [you may need to adjust your setting if required].

With your screen now imaged you are ready to mount your screen to a frame for printing.

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