

With your screens made you are now ready to start printing. In this example we are going to print a logo onto a mouse mat as this requires a few more steps than a t-shirt, which is simply pulled over the board on the jig.



**Important Note**

*The location of your design will play an important part in how you layout and create your screens, as the reach of a jig's arm combined with the frame size you use is important. Pictured left is a screen where the image is too low and the arm can not travel any further to reach the design area.*

*You can easily avoid this problem by laying out your design and frames on top of the item in your jig before you begin to print. This will quickly show you which sized frame is best and also the rough final print position of the arm.*

## Create Your Registration Template



A copy of the design is placed onto the item to be printed in the correct position - this becomes your registration template.

**For flat items e.g. paper, card, posters, etc.**

- Align a copy of the design (you can use the artwork you pulled off the back of the screen for this) on top of the item you are going to print.
- Use a ruler, as pictured left, to ensure the design is straight.
- Once in place, adhere the artwork onto the item with masking tape so it can not move.

**For T-shirts, bags and removable items**

- Slide the t-shirt onto the jig ready for printing (Table Adhesive should be applied to the board)
- Place your design into the correct position, then secure with tape to the t-shirt.
- Remove and hang up (or have someone else look at the design) to check registration and the design is level.

## Screen/ Colour Registration

Now you have your Registration Template on the item, placed onto the jig in its final printing position to register the frame in the arm.



**For flat items e.g. paper, card, posters, etc. (as pictured)**

To ensure the item is placed in the same position each time, corner registration points must be created:

- Using two straight edges items (S-9112 Plastic Height Adjusters are ideal), place along the bottom and side edges of the item.
- The registration points must be firm (paper is not recommended) so they do not move during printing and should always be equal or lower in height than the item to be printed.
- Tape the pieces into place to finalise the corner registration points.

**For T-shirts, bags and removable items**

Registration is commonly performed using the side seams of the garment (to align along the straight edge of the board) and the neck opening on the board.

- If you have a good eye then no further registration is required, otherwise you may wish to pencil the neck outline onto the board to place subsequent garments in a similar position.

**Register the screen over the template**



- Loosen all the parts of the jig for easy movement of the frame in the clamp.
- Place your screen into the jig and move the long arm out and when in place lock to secure.
- Move the screen over the item as pictured to fine tune the registration.
- When correctly aligned (template matches the screen), tighten the arm to secure in place.
- Lift the arm of the jig then lower it again to confirm the registration.

Remember to lock all parts of the jig into place before printing. The frame may be tight, but if the arm isn't and it's lifted all your good work will be undone.

*Note: In this example, pictured left, the screen we are using to register has already been printed with orange ink. In many situations this makes registration easier, as the background is blocked out and only the design can be seen through the screen. This shows registering a screen after its been printed is just as quick and easy.*

