

Everyone wants to get their hands on a Risograph to experiment and see how their own work might translate on to this mythical printing machine. But what is it?



不思議ときれる!!



完全中性謄写インク RISOインク

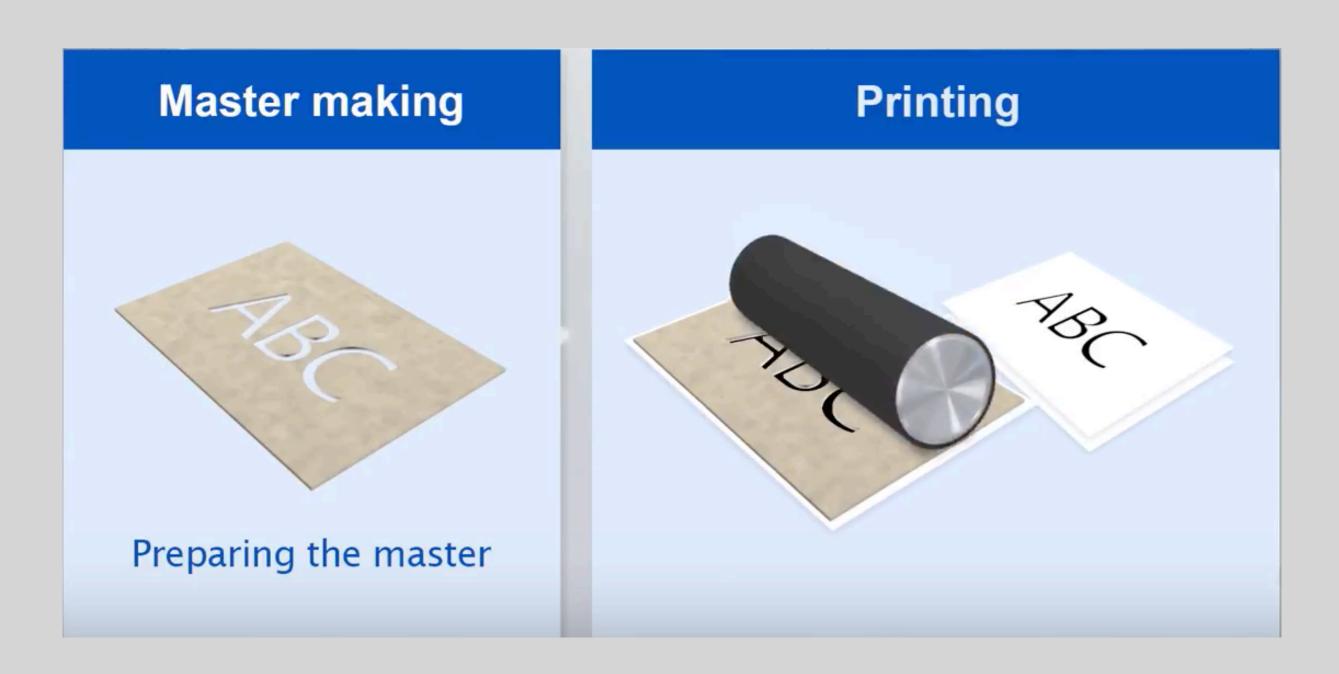
(RISO 8色) くろ。あお。あか。 きいろ せびあ。みどり、ぐれい。 しろ



It looks like a photocopier.



It functions on the **stencil** method of printing, much like silk screen printing.



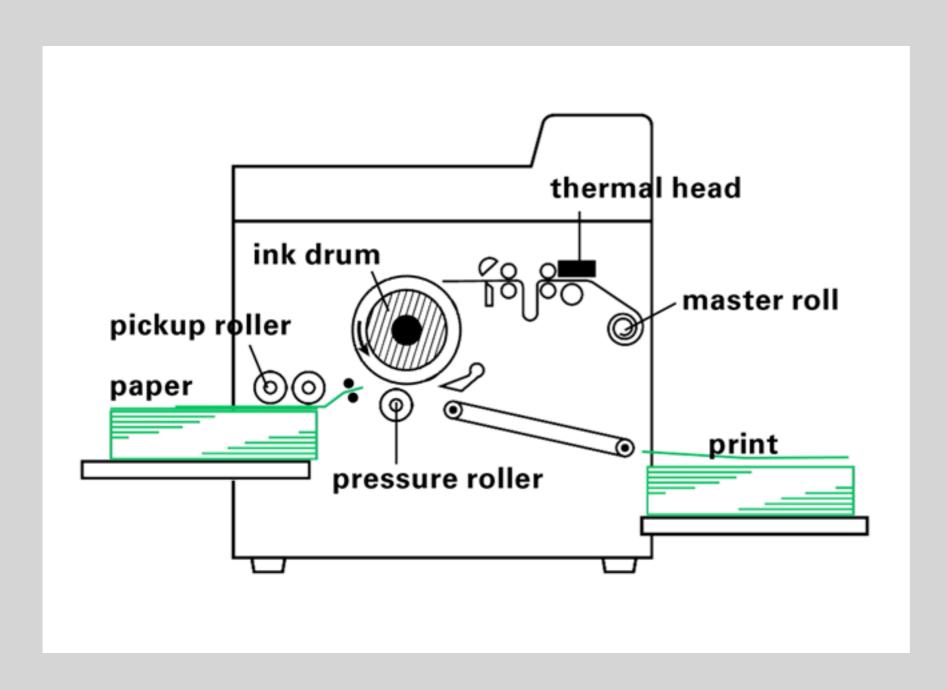


The printing process

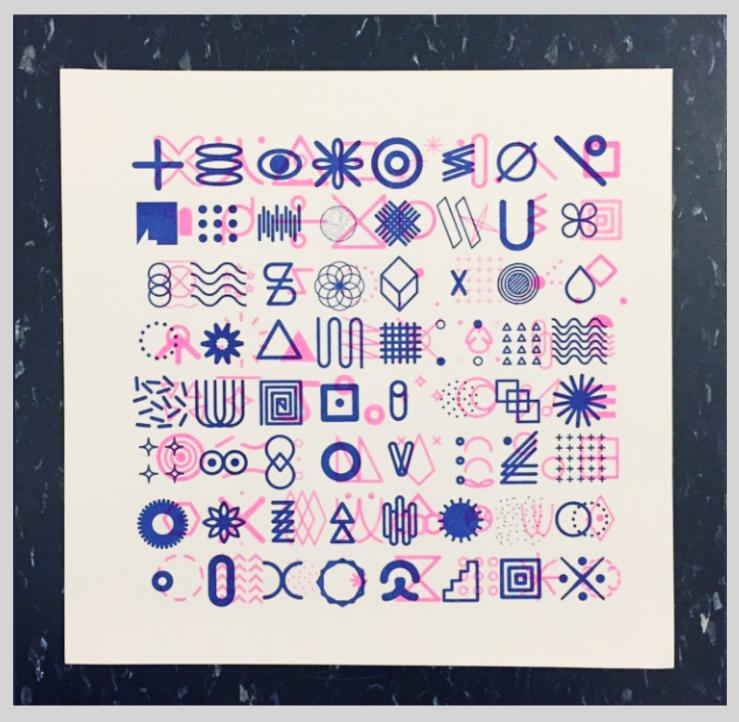
Executed by Riso Fellows

- > A contrast-y image is placed on the scanning bed or PDF on the computer.
- > From that, the master for one color is made.
- > Anywhere from one to hundreds of prints can be created from that master in a very short period of time.
- > A new master is made for every color in the design.

This is what it looks like when your sheet goes through the machine.



The image below required the sheet to go through the machine 2 times.



So how do you print?

First—

Try not to overthink it. The Riso is actually a very basic method of printing. It's just one color gets printed at a time, so it requires a little planning!

Start with some idea of which colors you would like to use.

Once you have sketched your ideas and know the final concept, design/illustrate each color on its own sheet of paper or digital layer.

Photographs will automatically be turned to greyscale by the machine, but you can improve your results by converting them and adjusting the levels for more contrast.

Tips

The better the **contrast**, the better the reproduction will be.

Check the **color guide** in the lab to see how colors mix to make new ones.

Be prepared for unexpected results. This is not a precise printer.

Large areas of color should be set to 80% black (to save ink)

You must supply your own paper.



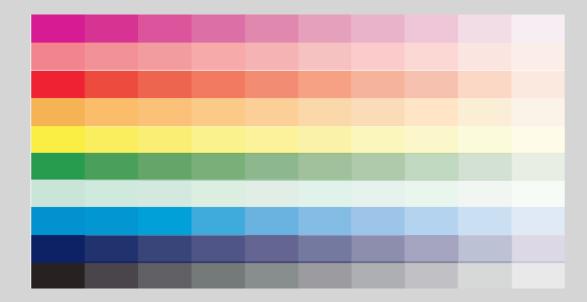




Colors available at PSU:

Fluoro Pink
Fluoro Orange
Bright Red (currently unavailable)
Sunflower
Yellow
Green
Mist

Mist Cornflower Blue Indigo Black

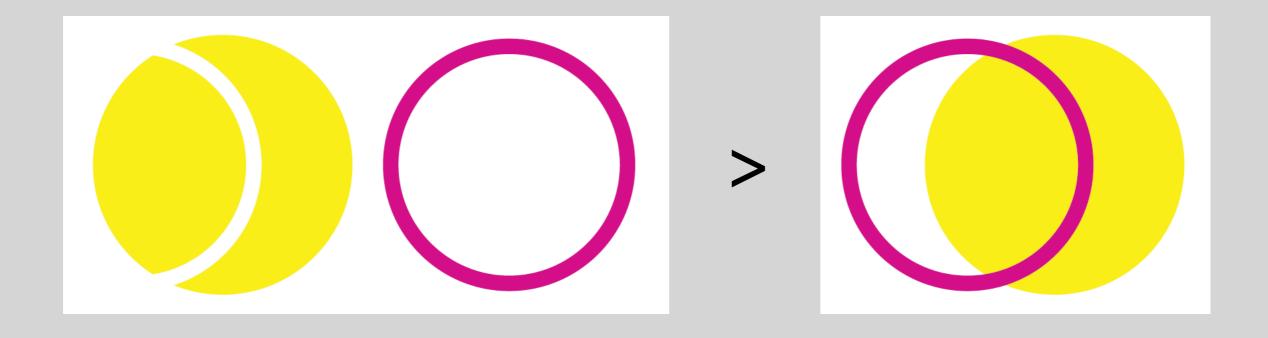


Of course color mixing/overlapping allows for an almost infinite number of color options.









american themed dive bars & looking the wrong way when crossing the road & corn in sandwiches drinking in parks & full english breakfast quaint coffee shops & row houses & the festival of love & aggressive restaurant owners & children with sweet accents & tiled subway tunnels & lay down because i think i might love you & biscuits politically informed university students & kebab beautiful quiches & shiny oxfords & cow patterned trash bins & landmarks lit up in the night & street art & free museums & manhole covers with hearts on them & double decker buses & broken sandals blackened gum on cobblestones & fancy sounding beggars & eighteen year old scotch for five quid group photos in front of famous places & moving advertisements & an ungridded city plan & filter coffee not drip & please mind the gap & letterpress so many different coins & cheers mate & the world cup & light beer & spiral staircases & glass towers & spendy museum gift shops & stolen egyptian artifacts & chunky platform shoes & beautifully aged brick & staying up late & riso unfamiliar toothpaste brands & strings of lanterns in chinatown & hashtagged instagrams

SIMILARLY DIFFEREN

Here's some work made by students and faculty at PSU.























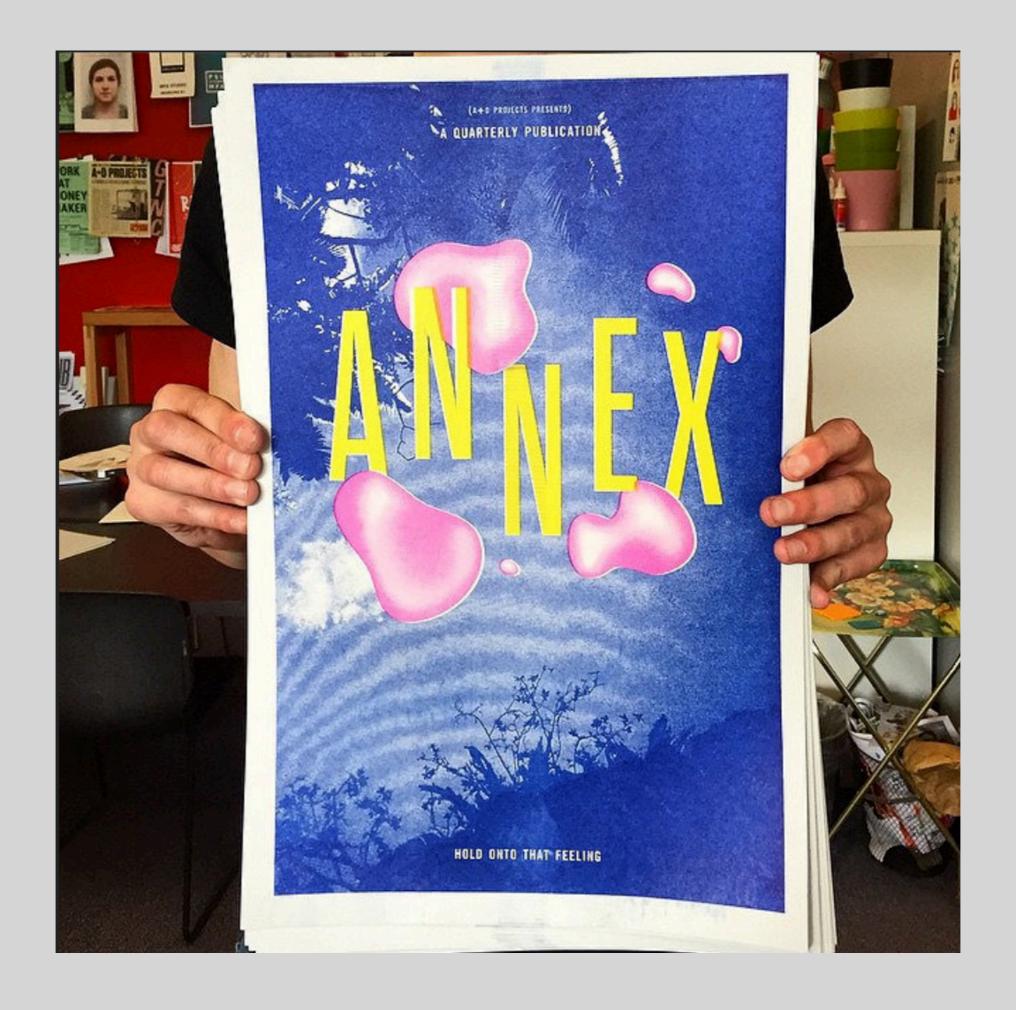








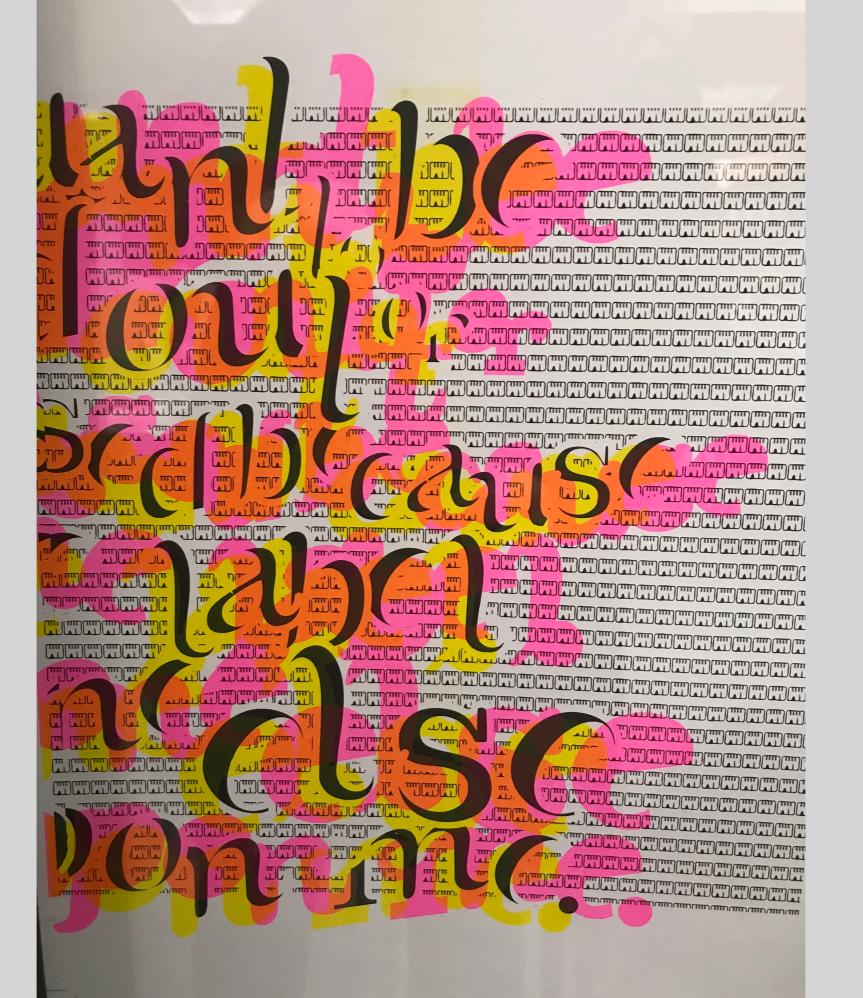






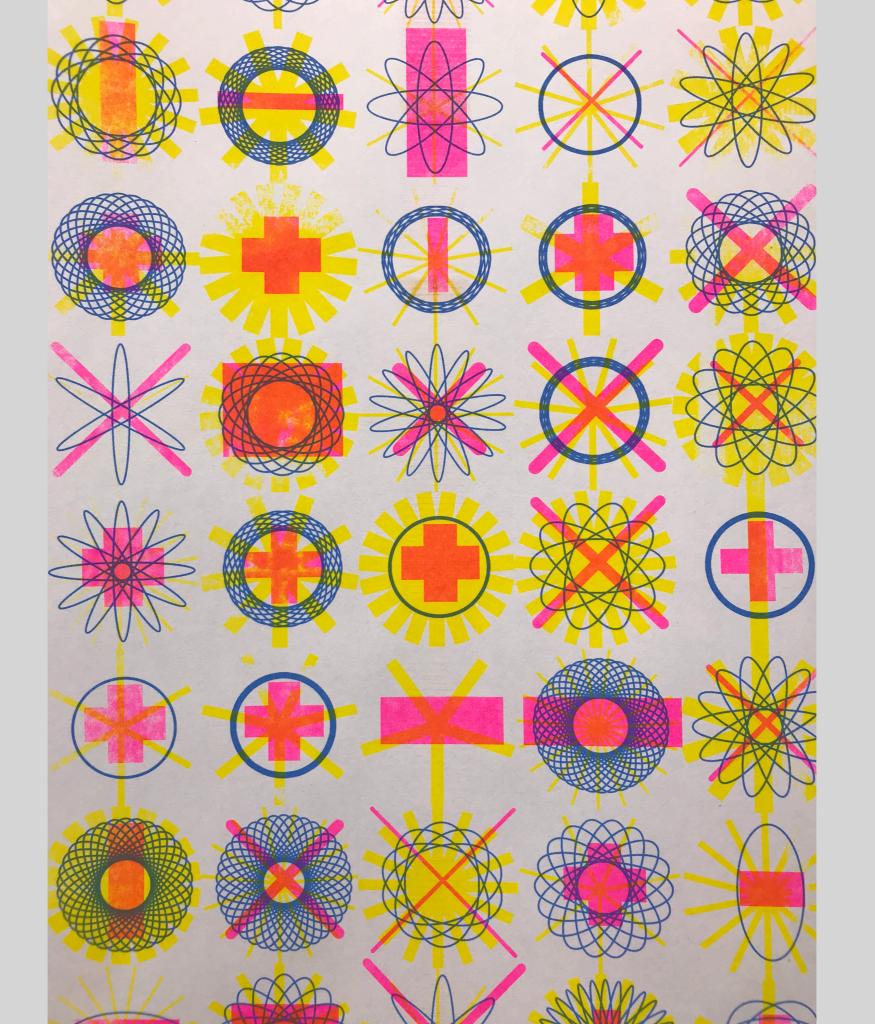














Printing in the Rad Lab:

- 1. Supply your artwork on paper or external drive to the Riso Fellow.
- 2. They will create an estimate for you.
- 3. If you agree, they will charge you.
- 4. They will print the job.

Please allow ample time for printing especially if you are printing for an assignment that other students are required to print for. This is not an immediate process.

Rad Lab: Annex 170 psu.gd/riso