



67 Commerce Way  
South Windsor, CT 06074  
(860) 282-0616  
(860) 528-8555 (fax)  
www.ctpf.com

## UPDATED 10/06/17

(\*Note: C & T will be issuing periodic updates to this information sheet)

C & T is now up and running with our new Jet Varnish 3DS with variable IFOIL unit. This is a 100% digital Inkjet Spot UV Coater that can create a raised 2D or 3D effect. The IFOIL unit applies foil which adheres to the UV varnish without the need for expensive dies.

While we do not expect these applications to replace the traditional hot foil stamping and embossing process, it does offer additional options to our Customers. The 3D effect definitely makes images and text stand out to the recipient. The possibilities are endless!

Capabilities of the new machine include:

- Ability to run foil only, UV only, or both UV and foil
- Ability to apply multiple levels of UV from 25 microns to 200 microns
- Ability to apply patterns to foil and UV coating
- Ability to produce variable data/images with foil and/or UV varnish (i.e., mailers, business cards, postcards, badges, labels or packaging) (variable data projects will require significant communication between the Printer and C & T)
- Ability to produce different images and variable data on the same sheet, or different from sheet to sheet, without having to deal with multiple dies
- Ability to produce prototypes/samples quickly displaying different options available
- Metallic foils are available in the following colors: gold, silver, red, green, blue (medium and dark), copper, light copper (special order with minimum lengths), rose gold and varied holographic foils. Gold and silver foils also come in a satin gloss.
- While foil colors are currently limited, the simple addition of slightly raised UV to colored paper, or printed text, can generate a clear foiled effect which really make it stand out.

Requirements for the JetVarnish 3DS with IFOIL unit:

- Minimum sheet size is 9" W X 12" L
- Maximum sheet size is 14 W" X 40 L"
- Minimum sheet thickness is 6 pt (0.15 mm)
- Maximum sheet thickness is 18 pt (0.45 mm)
- Tiny font sizes, and text that is close together, should be avoided for best foil adherence
- UV adheres well to coated paper, some laminated stocks and plastic stocks
- In order to allow for the most accurate price quoting, an art file should be provided during the quoting process showing where foil and/or UV will be applied and the size of the area
- **File submissions should include an IMPOSED print file (including all print/images contained on the printed sheet and should match the size of the printed sheet and number up). The print file should have spot color separation where UV/foil will go.**
- The pdf file should be a high resolution art file (360 dpi)
- Files should be editable in case C & T needs to slightly increase a font size to obtain foil adherence (\*no changes will be made to a job without prior Customer approval)
- **When a print file is not provided, or when we are printed on blank stock, our scanner can only register to the outside edges of the printed sheet. Therefore, all stock must be square on all four corners. If it is not square, the UV/foil will not register completely accurately. Printing register marks on blank sheets before sending would significantly help to register accurately. This will also insure a better registration when die cutting, trimming and/or over printing on a conventional press with a side guide and gripper edge.**
- Art files should be zipped and submitted via email when possible. Files that are too large can be sent via Citrix Sharefile (a link will soon be available on the C & T website) (this method does **not** require a Customer to have certain software to upload/download files)

- While jobs can be handled and stacked immediately, **C & T strongly suggests a minimum wait time of 24 hours after run to fully cure UV varnish and perform any further finishing work on the job (i.e., cutting).**

We will be sending out a mailing to our customers within the next few weeks providing additional information on the roll out of the machine. If you are unsure whether your job is a good match for this new machine please give us a call to discuss it or set up a time to come in and see the machine.

**We look forward to meeting all of your foil and UV needs!!**