

The TyrrellTech Times

Volume 124

January/February 2019

Mimaki Printer Savings!

Mimaki savings are out of control to kick off 2019-- you can save thousands on their most popular roll fed UV and eco solvent printers and even more on the UV flatbed printers... AND many come with additional years of warranty as well. If you have been thinking about getting a UV flatbed printer and you could get one now for thousands less and with three years of warranty... why would you wait? Call 888-865-0300 today!



The ColorPainter Traffic Printer from OKI Makes Printing on High Intensity Prismatic Possible!

The world of transportation sign making is evolving and now digital print solutions can be used in traffic shops with the proper grade reflective for highway signs and all of the exact blue, green and brown colors required. This printer from OkiData, paired with an Onyx RIP and Nikkalite reflective, offers a complete solution to shops that want to stop cutting this difficult material and just print! Watch for demo days and open houses coming in early 2019, or call today to schedule a demo - 888-865-0300!

2019 Training- Sign up Now!.....	Pg 2
LINERLESS Laminate. Yes, LINERLESS.....	Pg 2
Graphtec's Optima 4x8 Flatbed Cutter.....	Pg 3
DTG Solutions from Epson and Roland.....	Pg 3
Laser Engraving Best Practices with ULS.....	Pg 4

Roland Refurbs- Great Printers with Warranty Coverage from TyrrellTech!



Save THOUSANDS!

"Feeling gratitude and not expressing it is like wrapping a present and not giving it"

-William A. Ward- pastor, author, teacher

888-865-0300 tyrelltech.com
9045 Maier Road, Suite A, Laurel, MD 20723
200 Route 31 North, Suite 109, Flemington, NJ 08822
2400 W. Copans Road, Unit 8, Pompano Beach, FL 33069
2815 Directors Row, Suite 600, Orlando, FL 32809

TYRRELLTECH TRAINING- 2019!

You MUST RSVP online or to info@tyrrelltech.com

SO. MUCH. TRAINING.

TyrrellTech Training Tuesdays
Digital Printing Systems

You MUST RSVP to Reserve Your Seat: 888-865-0300 or info@tyrrelltech.com

FREE
Classes



Roland Versaworks Basics

Take a refresher course in Versaworks; Getting started, selecting profiles and setting up your print job.

Tuesday, February 5, 10 am - 12 pm



Apparel & Heat Transfer

Learn more about both the CAD cut options for heat transfer materials and the possibilities of print & cut solutions in this apparel-focused class

Tuesday, February 12, 10 am - 12 pm



Raster vs. Vector Artwork Basics

How can you work with what files/artwork you are given by your customers?

Learn more about the various file types & managing customer expectations.

Tuesday, February 19, 10 am - 12 pm



Color Management & Printer Maintenance

How does the computer make color, how is it interpreted, and what happens between file creation and print to manage color expectations?

Tuesday, March 5, 10 am - 12 pm



Laminator Profitability

Learn how to use a laminator for smooth laminating and mounting- get the most profit out of your laminator.

Tuesday, March 12, 10 am - 12 pm



Adobe Illustrator Basics

Adobe Illustrator is a powerful tool in this industry. Spend time learning some basic navigation of the software to give you an introduction to Adobe.

Tuesday, March 26, 10 am - 12 pm



Apparel & Heat Transfer

Learn more about both the CAD cut options for heat transfer materials and the possibilities of print & cut solutions in this apparel-focused class

Tuesday, April 2, 10 am - 12 pm



Laser Engraving- Oh, the Possibilities!

A laser engraver can make custom plaques, models, and specialty and promo items, all with a custom element and a high end finished look. Learn more...

Tuesday, April 9, 10 am - 12 pm



Roland Versaworks Basics

Take a refresher course in Versaworks; Getting started, selecting profiles and setting up your print job.

Tuesday, April 16, 10 am - 12 pm

Training currently at these locations:

9045 Majer Road, Suite A, Laurel, MD 20723
200 Route 31 North, Suite 109, Flemington, NJ 08822
2400 W Copans Road, Unit 8, Pompano Beach, FL 33069
2815 Directors Row, Suite 600, Orlando, FL 32809



Flexi Sign Design Software Subscriptions

SAI Flexi is the only all-in-one design, print and cut software for sign and print providers. With nearly 3 out of 4 shops using it, Flexi is the industry-standard for sign-specific design tools, RIP software, print-and-cut software, and direct vinyl cutting.

You can sign up to subscribe today to one of two options-- the design only software, which gives you all of Flexi's powerful design tools, or the Sign and Print version which gives you all of the design and output functions. You can check out our landing page at <https://www.thinksai.com/tyrrelltech>



MEDIA MAYHEM

LINERLESS Lamination Media.

Yes, you read it right... **NO LINER!!!**



Even temporary graphics deserve to look professional without a big investment. That's why Gfp offers a cost-effective alternative for the short-term graphic finishing of wide format inkjet prints, screen or UV

printed boards, and labels. Linerless film is super clear, eco-friendly, and saves up to HALF the price of traditional pressure sensitive vinyl laminate films with liners. Indoors or out, it has 1 year durability with vertical exposure.

A quick recap-

-No liner to mess with, making laminating easy!

-TWICE as much laminate, a 300 foot long roll

-LESS than the price of a roll with only HALF the laminate

This is what they call a 'no-brainer,' folks!

We have stock ready to go! Call 888-865-0300 for more info.

Linerless Gloss 2 mil Optically clear BOPP

LPG-51100	51" x 100ft	\$50.95
LPG-51300	51" x 300ft	\$138.95
LPG-54300	54" x 300ft	\$146.95
LPG-60300	60" x 300ft	\$165.95

Linerless Matte 2 mil Non Reflective BOPP

LPM-51100	51" x 100ft	\$58.95
LPM-51300	51" x 300ft	\$159.95
LPM-54300	54" x 300ft	\$168.95
LPM-60300	60" x 300ft	\$190.95

Blackboard Heat Transfer Vinyl

Write it, Wipe it, Repeat!

Now you can turn any fabric into a writable surface that can be used over and over again! New BlackBoard heat transfer vinyl by Siser, transforms plain materials into a walking chalkboard- without making you feel like a walking sandwich board!

Lightweight and super soft, BlackBoard is unlike any HTV you've ever experienced. This revolutionary material only needs 275°F of heat with medium pressure for just 15 seconds to create a machine washable chalkboard! With a low application temperature and warm peel carrier, this HTV is ideal for heat sensitive materials.

Compatible with standard chalk, Blackboard is as easy to re-use as it is to apply. Simply wipe clean with a damp cloth to start again! There are countless ways to advertise, organize, and customize with BlackBoard heat transfer vinyl. Great for holiday gift shirts!!



BB150500	Siser BlackBoard 15" x 5yds	\$50.49
BB151000	Siser BlackBoard 15" x 10yds	\$94.79
BB152500	Siser BlackBoard 15" x 25yds	\$207.17
BB155000	Siser BlackBoard 15" x 50yds	\$389.97

PRODUCT SPOTLIGHT

Graphtec's New 4x8 Flatbed Cutter

Graphtec's Optima V250, flatbed cutting platform is ideal for sign shops, designers and prototyping in offset printing, packaging applications, samples, displays, signage,

mock-up production, road sign making, and more. Conveniently make your own mock-up production projects with the Optima V250, a versatile digital flatbed format from Graphtec America.

The Optima V250 is an advanced engineered flatbed cutting table designed for cutting sheet and rigid materials while delivering clean, smooth edge quality. A dual tool head system and optional add-on tools are available to allow customers to customize their cutting to suit their specific needs and workflow. Each tool head is independently adjustable, ensuring high quality results, even for the most complex jobs. Graphtec Optima V250 delivers versatility, accuracy, and speed from the number one trusted brand in cutting industry.



A Brand New Roland DTG Solution

Print directly onto cotton t-shirts, apparel, tote bags and other products in minutes from the comfort of your desktop with the VersaStudio BT-12 Direct-to-Garment (DTG) printer. The affordable DTG printer allows you to get into the profitable world of custom apparel immediately, with a device that's as easy-to-use as an office printer and offers stunning results.

The BT-12 is an easy-to-use, reliable, compact DTG printer that's designed to effortlessly produce custom products. Start building a custom graphics business right out-of-the-box or diversify your current graphics output with quick-printed promotional items. With up to 1200 dpi x 1200 dpi print resolution, you can create quality and impressive products.

The fully-enclosed BT-12 DTG printer makes garment printing safe, clean and foolproof. The automatic process takes just minutes with the BT-12 and accompanying finisher unit that prints your designs and cures the inks in one smooth workflow. In just 3-easy steps you can have a fully-finished custom printed product in your hands.

A complete low-cost solution includes a finisher unit, cassette tray and cleaning accessories. If you can use a desktop printer, you can output your PNG and JPG files with our included software. Users can also output TIFF, PDF and BMP files with their choice of design programs. Requires no special electrical set-up and works with standard wall sockets—a cost-effective solution with a low entry point, low cost-of-ownership and high return.



Epson Sure Color F2100 DTG Printer

Designed exclusively for direct-to-garment printing, the Epson SureColor F2100 offers an entirely purpose-built system for high-quality prints at production speeds. Developed using the latest advancements in performance imaging, the SureColor F2100 achieves up to twice the speeds of our previous generation of DTG printers. Additional improvements — like a quick-load platen and robust Epson Garment Creator Software — take productivity even further, while the all-new integrated self-cleaning system means less downtime.

Epson UltraChrome DG Inks are durable, vibrant and safe, with outstanding color performance, plus equal pricing for color and White inks. This machine is up to twice as fast as its predecessor, and its newly developed print modes, including Light Garment Mode, offer consistent print quality at up to twice the speed of our previous generation. Highlight White Ink Mode was developed exclusively for the SureColor F2100. This unique feature offers simultaneous printing of White and color inks on the color pass for greatly improved image quality, speed, and efficiency.

The easy-to-use, all-new quick-load platen reduces traditional hoop platen load times. Improved Epson Garment Creator Software, available for Mac and Windows, includes powerful tools for layout and text, color management, ink control, cost estimation, plus hot folders.

This DTG machine, unlike much of the competition, has reduced maintenance time and operational costs. This integrated self-cleaning system allows the printer to perform daily maintenance to reduce downtime.

Epson's F2100 DTG printer comes with a 1-year limited on-site warranty with U.S.-based phone support; an optional extended on-site service plan is available.

Call TyrrellTech to see this DTG in action! 888-865-0300

CWT Laminator Worktables Save Time!

Why A Worktable?

CWT work tables are easy to use. Mount graphics or lamination quickly and smoothly. The CWT flatbed applicator gives the user control and ease of placement of graphics with its design. The CWT worktable allows a much wider range of materials to be laminated.

If you are looking to outfit your workspace with a work table and you also have the need to mount adhesive backed sign prints to rigid sign faces, this all-in-one solution is a perfect fit for you.

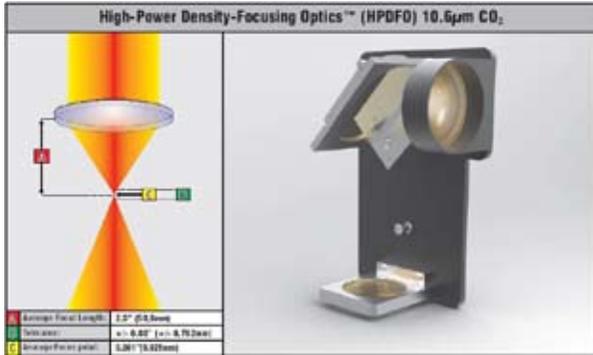
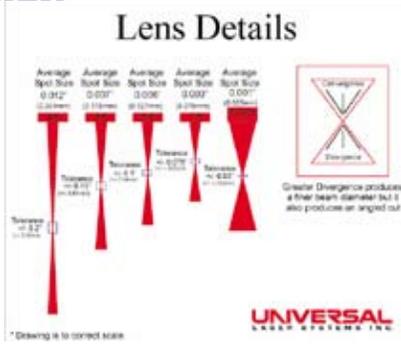
And, all new this year.... you can add an electronic lift kit to your CWT table, or you can buy the Platinum edition, with the lift kit included as part of the table.

You can check out a demonstration of this worktable in any of our four showrooms- call TyrrellTech at 888-865-0300 today to set something up. Seeing is believing-- it worked for us!

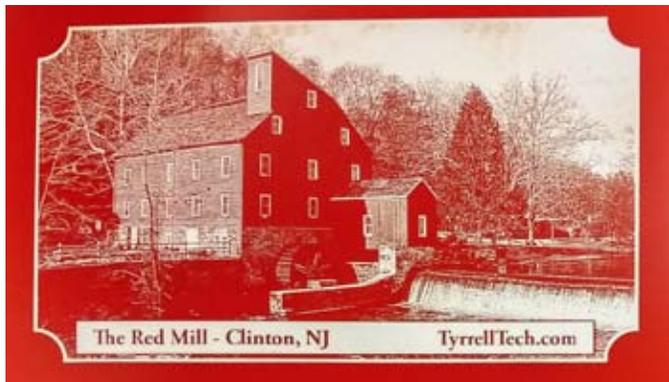


ENGRAVER CORNER

The Best Laser Engraving on the Planet



One of the hardest materials to fine engrave is RED Engraver's Plastic. For those of you who are not familiar with this material, the coating on Engraver's Plastic can be tricky to use due to the debris created by either a laser or an engraver system. For lasers, the operator has to pay attention to ensure the debris does not fall back into the field you are engraving.



HPDFO LENS

This month I ran a test of the same image, the Clinton Red Mill, an iconic landmark in New Jersey. Using the 1Touch Software, I prepared the image specifically for Engraver's Plastic. I then ran the image using an HPDFO lens and a 2.0 lens on Red Gemini Engraver's Plastic. Red on white is one of the hardest stocks to get a good image on. Challenge accepted!

The HPDFO lens, as you may be able to see, provides you with greater engraving detail. This lens allows you to engrave down to .001. A standard 2.0 lens goes down to .005. The difference between these lenses is what separates great engraving from everybody else. The image on the left actually shows clouds that are not apparent on the image on the right. To truly see the difference, you just have to come into our showroom. Just give us a call and we can set up a visit!

But wait, there's more... Want to directly mark metal with a CO₂ laser? Well the HPDFO lens allows you to that. Producing a dark brown mark on carbide metals, the mark is 100% permanent.

From the ULS website

UNIVERSAL
LASER SYSTEMS

ULS offers customers the ability to drastically improve resolution in laser marking and laser engraving applications, to directly mark onto some metals, and to increase the range of materials which can be cut with a CO₂ laser system. This is accomplished through ULS patented HPDFO™ (High Power Density Focusing Optics) that focuses the laser's energy into a much smaller area than is possible with standard lenses. This has applicability across many industries and gives several benefits to the customer:

The smaller focal spot size produced by HPDFO results in smaller marks and cut widths on many materials. This allows the user to produce drastically higher resolutions and to achieve significantly tighter tolerances.

Raster marking applications also benefit from the small spot size of HPDFO. The graphical information contained in each raster line has less overlap and results in a higher effective resolution. This is particularly useful when creating highly-detailed graphics or markings which must be legible under magnification.

The smaller focal spot size produced by HPDFO concentrates all of the laser energy into a smaller diameter, dramatically increasing the power density at focus. This allows systems to mark directly onto materials such as steel and titanium. Without HPDFO direct marking would require specialty marking compounds, substantially more laser power, or lasers of a different wavelength, such as fiber lasers, which are typically much more expensive than their CO₂ counterpart. By way of example, a 150 watt laser configuration using HPDFO would have the equivalent power density of a system using over 1,000 watts. With this patented option, the utility of CO₂ laser systems is dramatically expanded, enabling a CO₂ only system to effectively process many more materials than it would otherwise be capable of processing.

TyrrellTech
Digital Printing Systems

When was the last time your laser was serviced?
Do your optics look like this?



If you're not sure of the answers to those questions, give TyrrellTech a call to schedule a Preventative Maintenance Visit for your Universal Laser System. Let us give you the peace of mind you need to run your business smoothly!
888-865-0300

TyrrellTech doesn't have a lot of winter birthdays. Just one in the months of January and February--
Happy belated birthday (1/4) to John Brogan, our laser sales guy in New Jersey!

happy
bIRTHday