Quality Without Compromise

Digital Assembly & Web-to-Print

Envelope Printing

Wide Format Ink Jet, Mounting & Lamination

Bindery & Finishing

CrossTech
COMMUNICATIONS INC

111

HP Indigo Digital Offset Printing

Heidelberg Speedmaster 74 Offset Printing

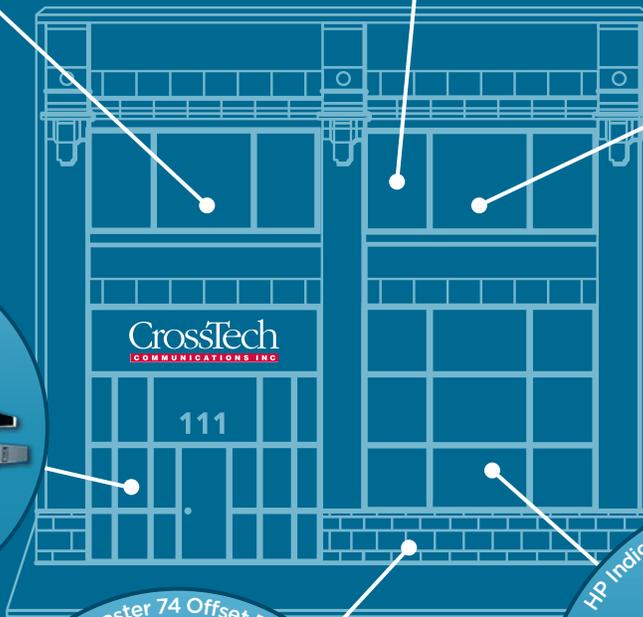COLOR SCENE

CrossTech

COMMUNICATIONS INC

WELCOME TO CROSSTECH

The printing industry has undergone dramatic change since CrossTech opened its doors in 1981. Over the years, we have had the pleasure to work with thousands of clients on countless projects. Today's marketplace is much different than in 1981 and "Print is Dead" seems to be the phrase-of-the-day. Unfortunately for all of the naysayers, **PRINT** is not only very much alive but growing in our world.

Much of what we do today did not exist in our early years but our first and most important product, **SERVICE**, has always remained. Our commitment to service has never changed and we bring the desire to meet and exceed your expectations to every project. Nothing compares to providing the right answer to meet your needs and we welcome the opportunity to help find creative solutions to reach your goals.

Today, CrossTech is a printing and prepress company specializing in **high-end offset printing**, **HP Indigo digital printing**, **envelope printing**, **web-to-print platforms**, **wide format ink jet posters, banners**, **mounting and lamination**, **digital assembly**, **pharmaceutical artwork and typography**. We have state-of-the-art technology and the know how to use these tools for our clients' advantage.

We've come a long way since 1981 and we're excited about the future. As the marketplace continues to evolve, CrossTech will be right here leading the way and bringing dependability to the table. Thank you for taking the time to look through our brochure and we look forward to working with you on an upcoming project.

WE'RE RIGHT HERE!

LOCATION. LOCATION. LOCATION.

It's good for real estate...it's just as good for printing. That's why CrossTech is located in Chicago's West Loop neighborhood. Our proximity to all modes of transportation make us ideally located to meet the needs of our clients.

It's true that with the Internet and other technologies at our fingertips, the world is becoming smaller. But when the "chips are down" wouldn't you prefer to be closer to the action? CrossTech gives you the "location advantage" along with all the latest technology can provide.

CrossTech Communications, Inc.
111 North Jefferson Street • Chicago, Illinois 60661-2306
312-382-0111 • FAX 312-382-0004 • www.crosstechinc.com

PRODUCTION NOTES

This brochure was printed on our Heidelberg Speedmaster 74 Offset Press. It is printed on 80# McCoy Gloss Cover in 4/C process with overall gloss aqueous coating. Sheets were then channel scored, folded and saddle-stitched.
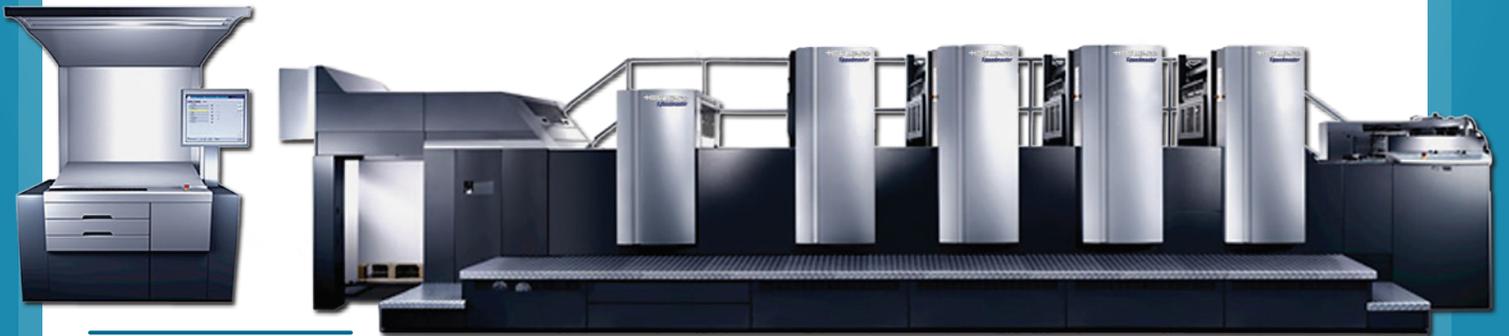
HEIDELBERG SPEEDMASTER 74 OFFSET PRINTING

When we went looking for our next generation press, we had a very specific list of requirements. Two among these were non-negotiable: highest quality and ultra efficiency. We found what we were looking for in the city of Heidelberg, Germany. Here among castles and history, Heidelberg manufacturers the **SPEEDMASTER 74** Offset Press and we knew it was the ideal press to take us into the future.

CrossTech's Speedmaster 74 combines innovative design features with the best in conventional offset press technology. It is an exciting breakthrough for those who require the highest-quality printed materials in today's quick-turn, short-run environment.

Utilizing aluminum printing plates and Fuji's CoRes screening, the Speedmaster 74 is ideal for runs up to 50,000 sheets. Quick make-ready has each new job on press and printing in a matter of minutes and makes short-run offset printing a reality. Full-color, inline aqueous coating and a 29″ x 20.5″ sheet size mean that CrossTech has the ideal press for **brochures**, **posters**, **pocket folders**, **direct mail**, **sell sheets** and **all print projects** where the highest-quality and service are important factors.

HEIDELBERG SPEEDMASTER 74 OFFSET PRESS

With extremely fast make-ready, the Speedmaster 74 makes short- and long-run, high-quality offset printing a reality in the downtown Chicago marketplace.

Features
- Ultrafast make-ready for cost-effective short runs
- 15,000 sheets per hour to handle longer runs
- 29″ x 20.5″ sheet size (28.25″ x 19.25″ live area)
- 4-color process plus spot color inks
- Inline aqueous coater for enhanced appearance and protection.
- Stock weights from 50# text to 24 pt. board

- Ideal for runs up to 50,000 full sheets (200,000 letter sized pages)
- Excellent match to calibrated Epson proofs
- Great for brochures, posters, pocket folders, direct mail, books, booklets, POP, labels, packaging and just about any print project

Standard Turnaround
- Proof: Overnight
- Finished Project: 2 Days*

From proof approval and depending on specifications, quantity and finishing required.

HP INDIGO 7600 DIGITAL OFFSET PRINTING

Our **HP INDIGO 7600** Digital Offset Press is state-of-the-art in digital printing. Run lengths from 1 on up make the Indigo 7600 the ideal solution for on-demand printing...but it does so much more.

The Indigo 7600 is not only the fastest sheetfed digital press in the world, it also produces the highest quality output. And while high-quality super fast 4-color printing is its bread and butter, it can also enhance your printed pieces with a series of high value special effects, including:

- **WHITE INK** for printing on colored papers, clear substrates and foil boards.
- **TRANSPARENT INK** for creating digital watermarks, spot varnish and raised ink textures.
- **TEXTURED EFFECTS** created by digitally embossing sheets on press.
- **PERSONALIZATION** lets you customize each and every piece, letting the text and images grab the reader's attention with data just for them.

The Indigo 7600 prints full-color sheets that are dry when they leave the press. This allows for finishing operations to begin immediately (unlike conventional presses). Because it's truly digital, your approval proofs are printed directly on the Indigo 7600 on the stock of your choice. This ensures that your finished pieces will match the proof exactly.

Upon approval, our operators will print and finish your project as quickly as possible...in many cases the same day the proof was approved.

HP INDIGO 7600 DIGITAL OFFSET PRESS

The HP Indigo 7600 Digital Offset Press is state-of-the-art from the leader in digital printing equipment. The Indigo 7600 is truly digital and allows for personalization, variable data and an array of high value special effects. Its completely digital workflow also makes it ideal for high-quality short-run printing.

High Value Special Effects

- White Ink for colored stocks and clear substrates
- Transparent Ink for digital watermarks, spot varnish and raised ink
- Textured Effects (embossing)
- Personalization/Variable Data

Paper and Image Formats

- Maximum sheet size: 13″ x 19″
- Maximum live area: 12.48″ x 18.0″
- Stock thickness: 4 – 18 pt.

Press Specs

- Printing speed: 3,600 sph
- Ink Colors: 4/C (CMYK), white and transparent

Standard Turnaround

- Proof: Overnight
- Finished Project: Next Day*

From proof approval and depending on specifications, quantity and finishing required.

ENVELOPE PRINTING

With the latest in digital envelope printing equipment, we can help you produce envelopes that have no competition. Printing on pre-converted envelopes, our **ENVELOPES WITHOUT BORDERS** process allows you to create stunning artwork on envelopes from small to large, in very low quantities to much larger print runs. And you can even print right off the edge!

We can print on any paper envelope and deliver your finished envelopes quickly. Need 25 envelopes for a special invite? No problem. Need 2,000 envelopes for a mailer? Perfect. Need to have 250 envelopes with bleed on some or all edges? Yes! And our process is not only perfect but unparalleled for all of these uses.

WIDE FORMAT INK JET PRINTING

The prints created by our **IPF9400S** Wide Format Ink Jet printer are simply spectacular. Utilizing 8-colors, the IPF9400S Wide Format Ink Jet printer creates graphics on a variety of substrates. Many of our customers utilize this capability to create trade show signage, posters, banners and package comps. The uses are limited only by your imagination.

A vast array of available media makes each project a new and creative experience. When combined with our mounting and lamination services, the uses for the product, both long- and short-term, grow even larger.

IPF9400S WIDE FORMAT INK JET

Our IPF9400S Wide Format Ink Jet printer is ideal for projects where size matters. Large posters, banners and signage are only a click away. With colors this vibrant, they're sure to get noticed.

Paper and Image Formats
- Maximum size: 60" wide by any length
- Available stocks: wide variety of ink jet materials from papers to vinyls available

Printer Parameters
- 1,200 dpi/continuous tone 8-color (CMYK+)
- Minimum line art resolution: 300 dpi
- Minimum image resolutions: 150 dpi

Mounting & Lamination
- Mounting: variety of substrates, including fome-cor, gatorboard, ultraboard & sintra
- Laminates: gloss, lustre, semi-matte & matte in a variety of thicknesses
- Additional options include: grommets, sewing, easel backs, velcro, sturdy crating for shipment

Standard Turnaround
- Proof: Overnight
- Finished Project: Next Day*

*From proof approval and depending on specifications, quantity and finishing required.

PHARMACEUTICAL ARTWORK, DIGITAL ASSEMBLY & PREPRESS

Since our first day in business we have been creating **PHARMACEUTICAL ARTWORK** for our pharmaceutical clients. This work continues today and we work with a variety of companies to develop artwork for labels, cartons and direction inserts. We have the skills, training and procedures in place to create artwork to the required specifications and deliver print ready files to the printer.

When we will be printing your project, our **PREPRESS** department makes sure that the files we receive will produce great results. Once your project arrives, it's handled with care and attention to detail. Our prepress department "preps" each job and verifies that the file will produce the results you desire. Checking for low-resolution images, color space inconsistencies, font problems or dimensional issues, our experts can spot problems before they become an issue.

Some projects require a little more work. Whether retouching an image or making typographic alterations, we can make the needed adjustments to your files. Need a bit more help? We can provide typesetting, proofreading and **DIGITAL ASSEMBLY** on an "as needed" basis.

ESTIMATES

In today's marketplace, "on time" production is only half the battle. CrossTech is committed to providing estimates "on time" as well. Simply give your CrossTech sales representative or our estimating department a call or email. They'll return your estimate quickly and can answer questions on any of our products and services.

WEB-TO-PRINT PLATFORMS

With "just in time" production, it's important to have an dependable partner. CrossTech's web-to-print sites allow you to have your documents available to your sales reps, dealers or customers exactly when they need them. We handle all of the setup, management and production with your site so you can spend more time on your business.

And they're not just for print! Sure we can distribute print on demand but we can also handle premium items, and digital documents. Please give us a call and we can help you determine if one of our web-to-print solutions is right for you.

DIGITAL ASSEMBLY & PREPRESS

CrossTech is prepared to accept your files in a wide variety of different formats.
• Adobe CC Applications (InDesign, Illustrator & Photoshop)
• QuarkXPress
• Microsoft Office (Word, Excel & PowerPoint)

PC files should be submitted as PDF.

Files may be submitted via CD, DVD, flash drive, removable hard drive, email, FTP or online file sharing.

Standard Turnaround
Overnight