2022 Winter



TECH REPORT

IN THIS ISSUE

YOUR GUIDE TO THE LATEST ADVANCES IN PRINT FINISHING TECHNOLOGY

Affordable, **Compact Digital Die-Cutting** from

intec



PLUS

LATEST AND GREATEST FROM MORGANA

DUPLO EXPO & PRINTING UNITED COVERAGE

TIME TO TRY GALLERY WRAP - JUST IN TIME FOR THE HOLIDAYS!



News & Installations



PRINT THREE OWNER PATRICK NOBILE INSTALLS A NEW DUPLO DC-618 SLITTER/CUTTER/CREASER | TORONTO, ONTARIO

Patrick Nobile, owner of multiple Print Three locations, had a consistent need for a dedicated business card slitter. With his original business card slitter nearing its end of life, Patrick began looking at all the options in the market and wanted to expand its functionality in his shop.

After reviewing the options on the market, and knowing Duplo's long history of developing the market leading multifunctioning Slitter/Cutter/Creaser category, the new Duplo 618 was a perfect fit. With the ability to run up to 400gsm reliably, and with consistent quality output, as well as the user-friendly job creator software the Duplo 618 has been a welcomed addition to Patrick's shop.



SYDNEY STONE RELEASES BRAND NEW LAMINATE SWATCHBOOK

Sydney Stone carries a wide range of laminates for every machine and application, including digital and offset prints, hot and cold application, and OPP and PET films. To help customers ensure they're choosing the right film for their laminated print jobs, we have released a custom swatchbook of our laminate finishes with detailed



Contact the Sydney Stone team to order your laminate swatchbook today!

> supplies@printfinishing.com east 1-800-668-6055 west 1-866-811-6828



PRINTHUB.INK INSTALLS A NEW DUPLO DPC-600 DIGITAL DIE CUTTER AND MOHR D80 ECO PAPER CUTTER COMPLETE WITH SIDE AIR TABLES | PETERBOROUGH, ONTARIO

Printhub.ink recently installed a new Duplo DPC-600 to support their digital print production finishing department. They were experiencing a rapid expansion in their product offerings, driven by the demand of their customers asking them to create a wide variety of new die-cut items. They needed a fast, versatile solution to help them meet that demand.

After working with Sydney Stone and discussing their options, Duplo's DPC-600 was a natural fit. Without needing to produce custom dies, the DPC-600 gave them the ability to cost-effectively produce jobs of one just as easily as full production runs, as well as improve turnaround times and even produce inexpensive prototyping on demand. Featuring smart technology for packaging and larger format applications, it can produce corrugated boxes, pocket folders, and foam board displays easily and guickly. The DPC-600 cuts, kiss cuts, scores and perforates a wide range of substrates without physical dies required. It's the perfect, user-friendly solution for creating anything from a one-off sample to a short run job.

Printhub.ink also recently expanded into the B2 format with the acquisition of the HP Indigo, so they needed an effective way to convert their output for further finishing. By upgrading to the Mohr D80 ECO 31.5" Hydraulic Paper Cutter with additional side air tables, they are able to easily manage multiple jobs at once. The D80's unique cutting precision is obtained by the sturdy construction and the direct measurement and the precise and gentle bevel swing cut is carried out hydraulically, giving a perfect cut every time.



Printhub.ink's new Mohr D80 ECO hydraulic cutter including side air tables



On September 14-15, Sydney Stone partnered with Ricoh Canada to host the incredibly successful inaugural Duplo Expo which was an open house featuring the very best of Duplo's line of digital print finishing equipment. The two-day event boasted product experts from Duplo, Ricoh, and Xanté, as well as Sydney Stone's highly knowledgeable and factory trained sales and service teams. Product demonstrations on the Duplo lineup, including the DDC-810 spot UV coater, the DC-648 and DC-618 slitter/cutter/creasers, the DFL-500 laminator/foiler, the 1300L and 990A folders, and the DPB-290 perfect binder, were performed by Duplo experts Si Nguyen (VP, Sales), Bob Massa (Director, National Production Finishing) and Jake Gandara (Technical Support Engineer). Xanté's own Mark Priede (VP, Sales) was on the scene to demonstrate the capabilities of the X-33 UV printer, including the new UV Unlimited transfer system which allows you to effectively print onto anything using the patented UV transfer media. Ricoh Canada had many product experts in house over the course of the show, to show the incredible output of their Ricoh Pro C5310S Series Digital Print System, and providing demonstrations linking the EFI workflow directly to Duplo's finishing solutions. With over 120 attendees, including the three winners of our iPad and Ricoh Theta 360° Camera draws, the Duplo Expo was a tremendous success!

Interested in joining us next time? Sign up for updates at bit.ly/DuploExpoUpdates













Ricoh Theta 360 Winner

Alberto Paloman. City of Mississauga with Dvlan Westgate

John Yu. Ricoh Canada drawing Alberto's name

iPad winners

Kevin, C17 Media with Brennan Wright

Paolo Leone, Print Three with Dylan Westgate (right)



Probably the world's most affordable digital cutters.

Which one is right for you?







FB775B2 + Digital die-cutter

Cut, kiss-cut and crease any shape with no dies required. The premium ColorCut FB775 digital die flatbed cutter incorporates a B2+ cutting table for large format sheet cutting and a QR code job retrieval and registration scanning system, which opens the associated cut file, and ensures your packaging, POS or labelling job is cut with outstanding speed and accuracy by the advanced, high-speed, servo motors that enable consistent and productive cutting. The enhanced dualtool cutting head delivers up to 1,500gf pressure for creasing and 1,200gf for cutting – and cuts through paper/card up to 1,000micron, opening up new possibilities with its ground breaking design.

scan to watch

Key Specifications

Cutting area: 19.29" x 28.93"

Cut depth: up to 800gsm/1,000 micron

Job types: cut, kiss-cut, crease

Speed: up to 47.25"/second

Heads: Dual (cut + crease)

Registration: CCD Video Camera

Software: ColorCut Pro

(Adobe[®] Illustrator[®] and CoreIDRAW[®] compatible)



Multiple ups and mixed jobs on the vacuum flatbed simultaneously for increased productivity

OR coded auto job recognition to automatically retrieve associated cut files







Key Specifications

Sheet Size: 13.38" x 20.47" + custom

Sheet Weight: up to 280gsm/350 micron

Job types: cut, kiss-cut, crease

Speed: up to 37.79"/second

Feed type: Automatic

Feed Capacity: 1000x 80gsm sheets

Software: ColorCut Pro

SC5000 Digital sheet die-cutting and creasing

Digitally cut-through any shape sheet card item. Automatic sheet cutting and creasing, for lightweight card, packaging, P.O.S and kiss-cut sheet labels. The SC5000 blends the dual tool cutting and creasing abilities of flatbed technology with automatic sheet fed functionality – all within a precision engineered, compact, free-standing device with an easily manoeuvred ergonomic space saving design. This latest addition to the ColorCut family combines many features of digital cutting and creasing taken from ColorCut's flagship flatbed range, including the high-speed functionality of its automated sheet fed models, but at a more affordable price point. Complete standalone operation – even with a stack of mixed jobs!



High-capacity auto feeder works in conjunction with air blade separation and automated jog function.

Dual 'Grip and Drive' feed system holds media during cutting, cutting closer to the media edges than most other types of sheet cutter.



Morgana Systems has led the way in developing new and innovative solutions to cope with the special requirements of the digital printer since the launch of the revolutionary AutoCreaser in 2000. Since its acquisition by Plockmatic in 2013 the product portfolio has been extended with a wide range of booklet making systems to meet every production requirement.

XL Series | Autocreaser Pro XL & Digifold Pro XL



The easy to use AutoCreaser Pro XL paper creasing system with ultrasonic double sheet detection has a cost efficient vacuum top feeder and a unique creasing rule to eliminate paper tearing and cracking.

Autocreaser Pro XL

- Edge registered vacuum top feeder with an outstanding load capacity of 7.8"
- New sheet separation controlled by optical sensor array automatically adapts to different media, weights and types
- Automatic feeding parameter selection based on paper size and thickness – simplifies set up regardless of operator skill
- Table extendible up to 51" to support popular longer sheet applications
- Powerful creasing unit can accept standard and narrow creasing blades as well as optional cross perforation blades
- Simplified adjustments and blade changeovers without special tools
- Inline rotary perforation, up to five at the same time
- Optional cross perforation unit available



The Digifold Pro XL is a heavy-duty automatic creasing and folding system is designed to complement mid to high volume digital and offset production presses.

Digifold Pro XL

- Folds up to 6,000 A4 per hour / crease only 7,500 per hour
- Max loading capacity up to 7.9"
- Suction feeder that handles stock sizes from 8.3" 51" in length
- Top fed vacuum feeder, ensures stable production for long runs.
- Fully automatic operator functions. Key in sheet size, media type and thickness and the Pro XL will automatically set speed, roller gap and fan settings.
- A unique air knife system for sheet separation.
- Full cross perforation available
- Up to 30 creases per sheet (static crease)
- Equipped with both a belt-stacker for folded sheets and a delivery tray for crease only jobs.

BM4000 Bookletmaker Series

Heralded as a new kind of bookletmaker, the Morgana BM4000 Series Bookletmakers can produce both A4 landscape and 11" x 11" booklets, and offers both corner and edge stapling as standard, plus the option of the unique SquareBack finish. In a completely new design, the combined square folding and face trimming unit has been produced in a single compact module.



- Staple and fold booklets of up to 140 pages (BM4035) or 200 pages (BM4050)
- Feed long printed sheets to produce a wide variety of work, including the A4 landscape format
- From A6 size booklets up to A4 landscape, and the 11" x 11" format
- Designed to work with low to mid volume digital production printers
- Produce corner stapled and edge stapled documents along with regular spine stapling

Heavy Duty Stapling

The heavy-duty staple mechanism designed for durability, and is maintenance free thanks to a patented solution that eliminates periodic service intervals. With its adjustable staple and fold position the BM4000 series has a patented "set positioning mechanism". This allows the operator to adjust the staple position in the direction of travel via the intuitive user interface.

Combined Square Folding + Face Trimming

In a completely new design, the combined square folding and face trimming unit has been produced in a single compact module. High performance quality square folding functionality ensures a high-quality booklet on a wide range of media and booklet thickness.

Vacuum Feeder

The Morgana VFX is a two-tray high-capacity Vacuum Feeder, capable of efficiently feeding a wide range of paper types, and weights, with sheets up to 26". The Automatic Tray Switching feature enables long unattended runs, and enables the loading of empty trays during a run to achieve maximum productivity.

High-Capacity Belt Stacker

The high-capacity belt stacker is a practical option for more production-oriented sites. It can be configured straight or in a 90-degree angle, and attaches after the standard output tray. This allows for long unattended runs and stacks up to 1,000x A4 booklets of four pages.



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VANCOUVER EQUIPMENT SHOWCASE

Sydney Stone's Vancouver showroom is open and ready to provide both in-person and virtual equipment demonstrations! Equipment is an investment in the future of your business - make sure you get all the facts before you buy. All reconditioned equipment includes Sydney Stone's 100-day Parts & Labour Warranty*, and demo-model equipment includes our 1-Year, 5-Star Extended Maintenance Agreement* at no additional charge. Be confident in your investment! Just another way that Sydney Stone is **Giving Meaning to Expertise.**



Certified Series Morgana Docufold Pro Was: \$10,995 NOW: \$9,995 Fully automated air feeding w/ perf unit



Was: \$5,995 **NOW: \$4,995**Single/double-side lamination; incl foil option



Demo Model Morgana Major Folder Was: \$15,495 NOW: \$13,495 High speed air feed folding w/perf



Demo Model Autocreaser Pro 33
Was: \$17,495 NOW: \$16,495
High-speed flat sheet creaser; up to 8400sph



Duplo DC-445 w/ Perf AttachmentWas: \$8,995 **NOW: \$8,495**Air suction feed; up to 15 creases, 3000sph



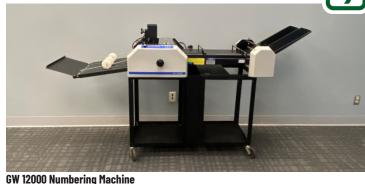
Horizon PFP 330 Folder Was: \$4,995 NOW: \$4,495 Compact & easy to use air feed paper folder



Morgana Digifold Pro Creaser/Folder Was: \$24,995 NOW: \$22,495 Crease and fold up to 6000sph/400gsm



Duplo DC-616 Pro w/perf unit & pc Was: \$14,995 NOW: \$13,995 Excellent condition; incl perf & pc



Was: \$7,495 **NOW: \$6,995**Incl all new rubber tires, 2x perf heads w/new 12 TPI blades, 2x rebuilt numbering heads & red+black ink pads



Was: \$8,995 **NOW: \$8,495**18" wide, 8" tall and 36" long tunnel chamber w/ adjustable air dampers & auto cool down



Demo Model Royal Sovereign Sigmont 55H 55" Laminator w/Heat Assist Was: \$8,995 NOW: \$7,495
49.2" feet/minute; max temperature of 140F; rear slitters for inline print separation



Was: \$31,495 NOW: \$27,495
Slit, cut, crease in a single pass; crease up to 5000sph; sheets up to 13"x19" 130-350qsm



Morgana AF 2000S Bookletmaker Was \$39,995 NOW: \$37,495

AF 602 set feeder with two high pile bins.; BM 2000S bookletmaker includes 2x ISP heads with inline face trimming and squareback unit; Fully automatic bookletmaking with 30 sheet capacity



Matrix MX370 Pneumatic Laminator with Foiling Option
Was: \$14,995 NOW: \$12,995
Single-sided laminate & foil; sheets up to 15"wide; up to 33 feet/min



Demo Model Challenge SCM
Was: \$5,495 NOW: \$4,495
Footpedal-operated single cornerning



Count EZ Creaser
Was: \$8,995 NOW: \$7,495
18" flat sheet creaser; two perfing heads



Challenge Titan 200 20" Hydraulic Cutter Was: \$7,995 NOW: \$6,995 Lexan safety quard; includes side tables



G-Whiz VividCoater UV Coater Was: \$7,995 **NOW: \$7,495** Up to 2700 sph; stocks up to 450gsm, 27.5"w



Punch Package - Versmac w/ 3:1 wire & 4:1 oval die + Roll@Coil + WBM 532
Was: \$4,995 NOW: \$4,495
Versamac never used in production; everything you need for wire & coil binding



Challenge JF Single-Spindle Drill
Was: \$1,995 NOW: \$1,695
2" drill capacity; foot pedal operated



GBC Catena 35 LaminatorWas: \$1,995 **NOW: \$1,795**12" laminator w/ mounting; incl film supply



The Sydney Stone team visited the Printing United Expo held in Las Vegas, Nevada from October 19-21, 2022. The three-day event provided the opportunity for attendees and exhibitors alike to reunite and reconnect, share ideas, network, and learn about the very latest technology that the print and printfinishing indisutry has to offer.

Our team scoured the show for the very best in new equipment and supplies that were launched, and we're pleased to share our findings with you!



Sydney Stone's Pick for Top New Supplies Launch

Multiloft Launches Elements Terravellum Sheets

MultiLoft® Elements™ TerraVellum™ Sheets are made with 100% recycled, post-consumer waste paper. As part of Convertible Solutions' ongoing efforts to create a more eco-conscious printing industry, they have pledged to plant one tree for every carton of MultiLoft® Elements™ TerraVellum™ sold!



Sydney Stone's Picks for Top New Equipment Launches

MBM AeroDieCut Platen Die Cutter

Complex cuts, creases, and perforations in a single pass



The all new MBM AeroDieCut Platen cutter uses traditional platen dies that are advanced in technology, easy to obtain, cost effective and produces a quality finish. Turn your printed materials into a variety of applications such as cards, boxes, swing tags, shelf talkers, and more.

The AeroDieCut is easier to operate than traditional large format die cutters and more productive than cutting plotters and laser cutters. It is designed to be used by anyone, anywhere, with a focus on operator safety and minimal mechanical adjustments.

- 4.3" colour touchscreen can store up to 100 jobs in memory
- Feeder capacity up to 3.9"
- Sheets up to 14.3" x 20.25" and from 120 to 400gsm
- Process up to 1,000 sheets per hour
- Patented upper-belt tri-suction feeding and side air
- Cut mark registration, skew adjustment and side aligner

Vivid Matrix MX-530DP Pneumatic Laminator

High-speed dual-sided lamination and foiling



The Matrix Duplex is an incredibly cost-effective system that allows printers to laminate single-side, double-side and encapsulate their work, in-house. This pneumatic duplex laminating, digital foiling and special effects system enable you to laminate both sides at the same time, alongside the added benefit of the pneumatic burst roller which allows seamless sheet separation on all OPP films.

Add a Matrix OmniFlow 460 (SRA2) Deep Pile Feeder for fully automated laminating or foiling.

- Pneumatic pressure and automatic separator
- · Laminate, foil, and create spot UV-style effects
- Laminate both sides at the same time
- Easy-to-use control panel
- Semi-automatic feed and built-in anti-curl technology

Duplo Ultra B2 UV/Aqueous Coater

Smear-free finishing for offset and digital media



Easy to use and budget-friendly, the Ultra B2 is ideal for protecting direct mailers, brochures and more. The SF-300F Pile Feeder keeps productivity going, allowing printed piles of paper to be unloaded directly from the B2 press onto the feeder.

In-line Flipper Option for Duplex Applications: Innovative flipper design makes double sided, smear-free coating more efficient. Ideal for photo books.

Corona System Option: Surface treatment prior to the printing of sheets. For paper as well as PVC, synthetic, and metallic sheets.

- Up to 125 sheets per minute
- Process sheet sizes from 12" x 17" up to 20.9" x 29.5" and paper weights from 200qsm to 500qsm
- Connect to SF-300F Pile Feeder (shown above) for automatic feeding of piles up to 30.7" high

NEW! DF-K2000 Thick Paper Creaser/Folder

High speed creasing and folding up to 5,000 sheets an hour



The DF-K2000 creases and folds digital color output on heavier stocks. Perform creasing with folding, crease only, or folding only on uncoated and coated paper for finishing menus, greeting cards, book covers, marketing collateral and more on stocks up to 400gsm. Equipped with an air suction feed system, side air separation, optical and ultrasonic sensors, and includes a wide and narrow crease for folding thick paper.

Job set up happens via color touchscreen panel, with up to 30 custom jobs can be stored in memory. Automatically detects standard paper sizes with the adjustment of side guides, and detects five of the most popular paper sizes: letter, legal, ledger, half letter, and half legal.

- Select a standard paper size or enter a custom size from 4.73" x 7.17" up to 12.24" x 25.98"
- Up to 16 creases can be applied with a minimum distance of 0.078" (2mm)

5

Within minutes, you can transform a sheet of laminated. digitally printed paper or a sheet of printed canvas into a professionally wrapped frame!



Use with both paper and canvas!

Done without the use of any special tools or equipment, the Gallery Wrap Frame System is made in Canada and consists of everything you need to create gallery-wrapped paper or canvas, including the wood frame pieces (bars), corner brackets, staples, glue*, and stretcher bars for larger frames. The bars, with self-adhesive strips on one side, come in lengths ranging from 8" to 24" and can be configured in any combination to best suit the application. The bars work in tandem with the system's unique set of corner brackets for easy and accurate assembly every time, regardless of size.





STANDARD SERIES Gallery Wrap

Frame Bar Depth: 1.25"
Min. Frame Size: 8" x 8"
Max. Frame Size: 24" x 24"

Standard Series Starter Kit Includes:

- 4x Standard 1.25" Corner Brackets
- Staples
- 4oz White Archival Glue*
- Stretcher Bar for Larger Frames

PRO SERIES Gallery Wrap

Frame Bar Depth: 1.75"
Min. Frame Size: 16" x 16"
Max. Frame Size: 60" x 60"

Pro Series Starter Kit Includes:

- 4x Pro 1.75" Corner Brackets
- Staples
- 4oz White Archival Glue*
- Stretcher Bar for Larger Frames

Step 1

Take frame pieces, peel back adhesive strips on the ends only and press them into the corner brackets with the adhesive strip facing up.

Tip:

The frame pieces only fit into the corner brackets in one position due to the slotted keyways in the frame pieces and in the corner brackets. This ensures that the frames are put together properly every time.

Step 2

Once the frame pieces are securely in the corner brackets, remove the release liner to expose the adhesive.

Step 3

Position the frame centred on the printed graphic. Once positioned, push down the frame pieces to make contact with the graphic, and remove the corner brackets.

Tip:

The bars are recessed in the corner brackets, allowing you to move the frame until it is centred without it tacking to the sheet/canvas.

Step 4

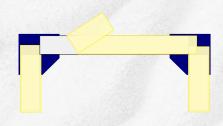
Take a cutting knife and trim off the excess along each side, also cutting diagonally from corner to corner, then cutting the centre of the corner. Remove excess trim.

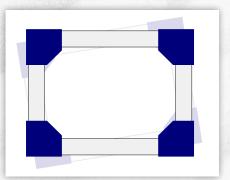
Step 5

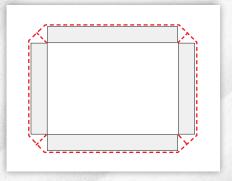
Fold up the corners of the sheet and press them onto the exposed self-adhesive tape at the ends of the bars. Fold up the frame pieces and insert a staple in the pre-cut slots in each corner.

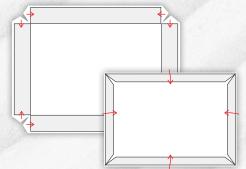














*necessary only if using actual canvas - not a laminated sheet of paper

XANTÉ -VUnlimited Xante UV Transfer Media

scan to watch the video!



The newest advancement in UV printing technology.

For those looking to expand their offerings and increase their return, UV Unlimited is the perfect addition to a Xanté X-Series printer. Print directly onto adhesive material and stick it to virtually any surface including glass, metal, cups, containers, plastics, sporting goods, industrial equipment, and more. Since the UV Unlimited system utilizes UV-cured ink, the results are durable and can be applied to objects of any shape.

PRINT ON ALMOST ANYTHING!

- ✓ Wood
- ✓ Metal
- ✓ Vinvl
- ✓ 3D Objects ✓ Paper
- ✓ Plastics ✓ Rubber
- ✓ Bottles
- ✓ Glass ✓ Containers
- ✓ Mugs ✓ Cups
- Laptops & PCs
- Kitchen Equipment

Apply ink to a layer of clear Transfer Media.

The Transfer Media is fed through the UV Unlmited Laminator

Adhesive is now bonded to the ink and can adhere to almost anything

It's that simple!

THE RIGHT UV PRINTING SOLUTION TO SUIT YOUR NEEDS



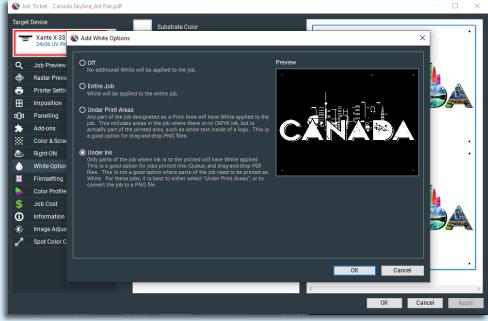
- Office Equipment

THE RIGHT AMOUNT OF WHITE INK

Xante's powerful workflow software, iQueue, lets you choose exactly how much or how little white you want to apply to your job, and it puts it in exactly the right places.



Choose from No White, White Under Entire Job, White Under Print Area, or White Under Ink, AND choose to apply up to 9 layers of white ink. For UV Unlimited, it's recommended to use 2 layers of white underneath the artwork for optimal adhesion to the UV Unlimited Transfer Media.











Sydney Stone Rebuild Centre -



While we stock a large selection of equipment in our Vancouver location, Mississauga is home to our full-time rebuild Centre, where the majority of our reconditioned equipment inventory is assessed, repaired and tuned up by our team of highly-skilled, factory-trained technicians.

Buying pre-owned equipment provides your business with a more affordable option, so we maintain one of the largest inventories of reconditioned finishing equipment in Canada. The Mississauga Rebuild Centre allows us to properly assess, clean and fully recondition the equipment back to factory tolerances, ensuring that you receive a machine that is prepared for the rigors of current on-demand production requirements.



We also don't stop at the reconditioning process - all machines are supplied with a complete set of accessories, tools and manuals that would have been included with the machine when it was sold new. Reconditioned equipment also comes with Sydney Stone's 100-Day Parts & Labour Warranty.*

Shop reconditioned equipment with confidence! Just another way that we're Giving Meaning to Expertise.

Rohit Chavin Service Superstar



Rohit started with Sydney Stone 10 years ago, when Michael and Dylan hired him at a seminar at Humber College. Since then,

he's become an invaluable member of our service team and an expert on pretty much everything! His favourite equipment is slitter/cutter/creasers and bookletmakers, because he loves seeing the accuracy of the finished product. In his spare time, Rohit builds custom computers and is secretly an excellent skiier! If he could have any superpower, he would choose telekinesis, so he can sit back and let his mind do all of the work. Rohit says that his favourite part of his job at Sydney Stone is interacting with customers and helping them solve their production issues.

Favourite Colour Red

Favourite TV Show
The Grand Tour,
old Top Gear UK

Favourite Movie
The Avengers

Favourite Animal **Dogs**

Favourite Food Steak & Potatoes

Favourite Band **Rise Against**

Favourite Quote
Every problem has
a solution, we just
need to find it

SAVE 25%

ON GALLERY WRAP SUPPLIES

with coupon code WRAPIT25TR

Valid for phone and online orders until January 31st, 2023. Some exceptions may apply.



