

2 finish

Finishing with a flourish

Our in-house finishing has developed into a sophisticated addition to our ability to meet the most demanding customer requirements in both turnround and quality.

Autobond laminators, Renz wiro binders, Stahl folders, Polar guillotines, Watkiss document makers and collators, Hunkeler inserter gluers.

We operate top quality finishing machines to compliment our top quality printing machines.



20Twelve Ltd trading as PS2

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PS2 Print On Demand

PS2 is able to offer digital solutions up to oversized DUPLEX A2. We can digitally print an A2 poster or an A3 4pp. We are also the only North West printer with a Heidelberg PM52 5 Colour, B3 sheet fed litho press. This enables us to offer enhanced litho quality, with digital turnrounds, at quantities up to approximately 15,000.

Services include:

Printing	Finishing	Products include:
Direct Imaging <ol style="list-style-type: none"> Litho printing up to B3 Digital printing up to oversized A2 – Perfecting – Colour and Black & White Photocopying SRA3 Black & White and Colour Large Format printing 	In house finishing includes: <ol style="list-style-type: none"> Encapsulation and Lamination Creasing and Perforating Folding Wiro Binding Fold, stitch and trim (with square back) Drilling Thermal Binding Tipping In 	Leaflets Posters Brochures Greeting Cards Manuals Folders with pockets Reports (Multi paged with dividers etc.) Personalised products including personalised pictures and text Point of Sale

PS2 Plant List

Studio

MAC and PC terminals networked via an Apple G5 OSX server system with APC smart UPS (Uninterruptible Power Supply)
 Raid system 219GB capacity with 73GB parity drive
 Tape Back-up system connected to host server AIT2 autoloader 200-400GB running Retrospect nightly
 Signa Imposition software linked to proofer and all presses imposing PDF or Postscript files
 All jobs archived under customer identification
 Xraille & Dot Edit E Commerce software for online ordering
 Darwin Personalisation Software
 Direct Type

Print

Kodak NexPress M700
 Kodak NexPress 2500 with inline glosser
 Xeikon 5000 Plus with 2 sided conditioning. Web Press 4 col perfecting
 Heidelberg PM52 with IR drying. 5 colour Litho
 Konica 8050 copier SRA3 full colour and B&W both sides
 Konica bizhub 750 high volume B&W copiers

Finishing

Polar Guillotine 78
 Polar Guillotine 66
 Stahl T52 Folder
 Morgana Auto Creaser Folder
 Morgana Junior Folder
 Watkiss Booklet Maker and Suction Collator
 Manual Saddle Stitcher
 Rollem Creasing/Perfing, Paper Drill
 Semi Automatic Wiro Binding Machine
 Autobond Mini B3 Duplex Laminator
 Encapsulator
 2 x Hunkeler VEA 520 Automatic Tipping. Glue in and Glue out
 Duplo Thermal Binding Fastback x 2
 Shrink Wrapper

LARGE FORMAT

1 HP Z6100 6 colour printer, printing to a maximum of 1.5 metres wide x any length
 1 JV5 Mimaki 6 colour, full solvent printer
 1 Roland Soljet Pro III
 1 JV5 Mimaki die cutter
 2 Seal Pro and S laminators

PS2 Press specification

PS2 were the first to install the Heidelberg PM52, the first to install the Xeikon 5000 Plus press and the first to install the 2500 NEXPress in the North West. This combination of equipment enables PS2 to print on demand from 1 to 10,000 in the fastest most cost effective way available using current technology.

Kodak NexPress M700

- 4 colours 2 sides
- Sheet size SRA3
- Paper weight - 80gsm - 300gsm
- Variable Data - Personalisation - Pictures and text
- No make ready
- Prints collated sets or books
- New improved wax toners for better solids

Kodak NexPress 2500

- 4 colours 2 sides - Additional colour imaging unit for enhanced colour
- Sheet size 356mmx520mm
- Paper weight - 60gsm - 350gsm
- Variable Data - Personalisation - Pictures and text
- No make ready
- Enhanced Image protection to prevent marking
- High glossing unit
- Prints collated sets or books
- Pantone colour matching system

Xeikon 5000 Plus

- Prints 4 colours 2 sides in one pass
- 500mm x 11metres
- Reel fed for flexible sizes, e.g. A2, A3 tabloid, A4 6pp, 8pp Roll Fold and Banners
- Paper weight up to 350gsm
- No make ready
- Variable Data - Personalisation - Pictures and text
- No ink drying enables immediate finishing for increased speed of turnround
- Prints collated sets or books
- Print protector to prevent marking

Konica 8050

- Prints colour or mono
- Weights up to 300gsm
- Completed stapled books

Konica bizhub 750

- High volume black & white copier system

Heidelberg:- PM52 5 Colour

- Direct Imaging of plates in 2-3 minutes
- Sheet size 520mm x 360mm
- Paper Weight up to 400gsm
- Plates punched, in fit on press for faster make ready
- Printing speed of 13,000 sheets per hour
- 5th unit for specials and seal
- IR drying for faster turnround

LARGE FORMAT

Mimaki JV5

- Full solvent printer with up to 7 year ink and material lifespan
- Prints up to 1600mm wide x 50m in one piece
- Will print up to 1440 dpi CMYK
- Prints on vinyl, textiles, paper, contravision + many uncoated substrates

HPZ6100

- Latest technology from HP 8 colour Viveira inks giving minimum 2 year guarantee
- Prints up to 1500mm wide x 30m in one piece
- Will print up to 1440 dpi CMYK 8 colour
- Superb for exhibition prints and fine art
- Ideal for banner stands and pop ups

Roland Soljet Pro III

- 1300mm wide x any length printing up to 1400dpi
- White ink facility and CMYK
- Inline print and cut facility (kiss cut or full cut)
- Capable of printing contravision
- Eco-solvent, so good for the environment
- Inks are suitable for indoor and outdoor use

Mimaki CG-160 FX cutting plotter

- Vinyl plotter cuts vinyl up to 1600mm wide
- Can work in conjunction with JV5 to cut printed vinyls
- 'Kiss' cutting as well as full cut facility available

Seal 62 Pro and S laminators

- Will mount and seal materials up to 40mm thick
- Full encapsulation capability up to 1500mm wide
- Total pressure control for a true professional finish
- Consistent temperature monitoring giving consistent results
- Only highly trained technicians are able to use this equipment