



HAMPTON *printing* (BRISTOL) LIMITED

Plant List

PRE PRESS

PLATE OUTPUT AND RIP

- 1 AGFA Avalon N8 80XT Platesetter (Outputting 340 Sublima Advance Screening)
- 1 AGFA Avalon N8 Autoloader

SCANNING

- 1 Epson Perfection 4490 Photo Flat Bed Scanner

REPROGRAPHICS / DESIGN

Workserver

- 1 Intel Mac Pro OSX Server
- 2 UK DL380 rackmount ApogeeX Servers

Workstations

- 4 27" iMac with retina display - running Adobe Creative Cloud, Suitcase font Management, Filemaker database solution, Parallels PC system, Apogee 9 client

Workflow

- 1 AGFA Apogee X Prepress workflow computer to plate system

Internet Connection

10Mbps upload or download (99.9% Service)

PROOFING SYSTEMS

- 1 Apogee web approval portal
- 1 Epson Djet imposition - double sided proofing system
- 1 Epson Stylus Pro 9900 contract proofer with built in spectrometer
11 print heads, Highest resolution matching ISO12647-2/fogra 47L,
1122mm printing width, producing calibrated uncoated proofing.
- 2 Epson Stylus Pro 9900 contract proofer with built in spectrometer
11 print heads, Highest resolution matching ISO12647-2/fogra 39L,
1122mm printing width, producing calibrated coated proofing
- 1 GMG Colour Proof
- 4 Optical Brightening Additives Proofing Stock for fogra 51 and 52
(matt and uncoated)



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LITHO PRINTING

- **6 Colour Heidelberg Speedmaster XL105**

(Installation December 05) with dedicated Analox coating unit. Preset plus feeder capable of 18,000 impressions per hour. New hi-colour inlined damping, high performance auto register, new preset plus delivery. CPC 32 CIP3 and linked to Heidelberg Image Controller CPC 24. Water cooled rollers and peripherals with Technotrans R.O water supply. Double sided Exactronic spray unit. Sheet size 750x 1050mm Max print area: 1045x 740.
- **6 Colour Heidelberg Speedmaster XL105 wih Inpress Control**

(Installation April 11) with Prinect Inpress Control automatically measuring and controlling colours, spot colours and register in the quality control strip and linked to Heidelberg Image Controller CPC 24. Dedicated Analox coating unit. Preset plus feeder capable of 18,000 impressions per hour. Water cooled rollers and peripherals with Technotrans R.O water supply. Double sided Exactronic spray unit. Sheet size 750 x 1050mm Max print area: 1045 x 740.
- **5 Colour Heidelberg Speedmaster XL75-5 +LC wih Inpress Control**

(Installation Feb 2014) with Prinect Inpress Control automatically measuring and controlling colours, spot colours and register in the quality control strip and linked to Heidelberg Image Controller CPC 24. Dedicated Analox coating unit. Preset plus feeder capable of 18,000 impressions per hour. Water cooled rollers and peripherals with Technotrans R.O water supply. Double sided Exactronicspray unit with dynamic sheet brakes. Sheet size 537 x 750mm Max print area: 525 x 745.
- 1 **Heidelberg Platen**

Numbering, scoring and perforating unit
(Max. sheet size 130 x 220mm). Max print area: 12"x10"
- 1 **Heidelberg Image Control Console CPC 24**

Hampton Printing was the first UK customer to achieve the accolade of Heidelberg's ISO 12647-2 certification using Heidelberg's spectrophotometric Prinect Image Control providing on-line colour control for all printing units, ensuring consistent, repeatable and accurate colour time after time.

This touch screen colour control system measures the densities of both process and spot colours, from 160,000 points across the sheet. Directly linked to all our multi-colour printing presses, this interface controls the quality and consistency to the ISO 12647-2 certification for the complete image area during the entire printing run.

This forms an integral part of our closed loop pre-press/press configuration.

DIGITAL PRINTING

- 1 Ricoh Pro Colour Production Digital Printer - Ricoh Pro™ C901/C901S Graphic Arts. Media sizes up to SRA3, maximum weight of 350gsm. Outstanding results and colour consistency is achieved on all weights of media including heavy coated, textured and special media.



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FINISHING

- 1 **Stitchmaster ST400**
with "ready set" autosest and signature camera recognition system.
1 Cover folder feeder, 6 x feeders. Standard and loop stitching
and 2 up finishing.
- 1 **Stitchmaster ST450**
with "ready set" autosest and signature camera recognition system.
1 Cover folder feeder, 2 x feeders. Standard and loop stitching and
2 up finishing.
- 2 **Heidelberg Stahlfolder Pack Delivery Paper Speedbanders 703**
- 1 **TH/KH 82 pallet feeder PFH 82**
- 1 **TH/KH 82 round continuous feeder RFH 82**
- 1 **BOBST Punching and Die cutting Press**
80g/m-2 - 2,000g/m2 (Max Size 1020mm x 720mm)
- 1 **Heidelberg cylinder punching and creasing machine**
(Max. Size 570mm x 820mm)
- 1 **Stahl T52 folding machines**
(1 with round pile feeder)
- 2 **Polar 115EM Guillotine with stack lift.**
(Max. Size 1150mm x 1140mm)
- 2 **Heidelberg Rambundler**
- 1 **Adpak GSP Gemini Fully Automatic Shrink wrapper**
- 2 **Shanklin fully automatic shrink-wrapping machines**
- 1 **Combi-Dora Folding and gluing machine.**
Folding, gluing for pocket brochures and leaflets, single, double, triple and
quaduple CD pockets. Various wallets and covers with or without capacity
pockets as well as many other folding pockets.

Various stitching, numbering, collating and ancillary equipment.

DIGITAL FINISHING

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|---|--------------------------------------|---|----------------------------|
| 1 | Morgana Major Folder model 904222 | 1 | Morgana Autocreater |
| 1 | Morgano BookletMaker | 1 | Morgana EBA 551 Guillotine |
| 1 | Rhin-o-Tuff Wire Closer Model HC8024 | 1 | Foliant Laminator SRA3 |
| 1 | Rhin-o-Tuff punch Model HD7500 | | |
| 1 | Rhin-o-Tuff Wire Closer Model HC8024 | | |
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