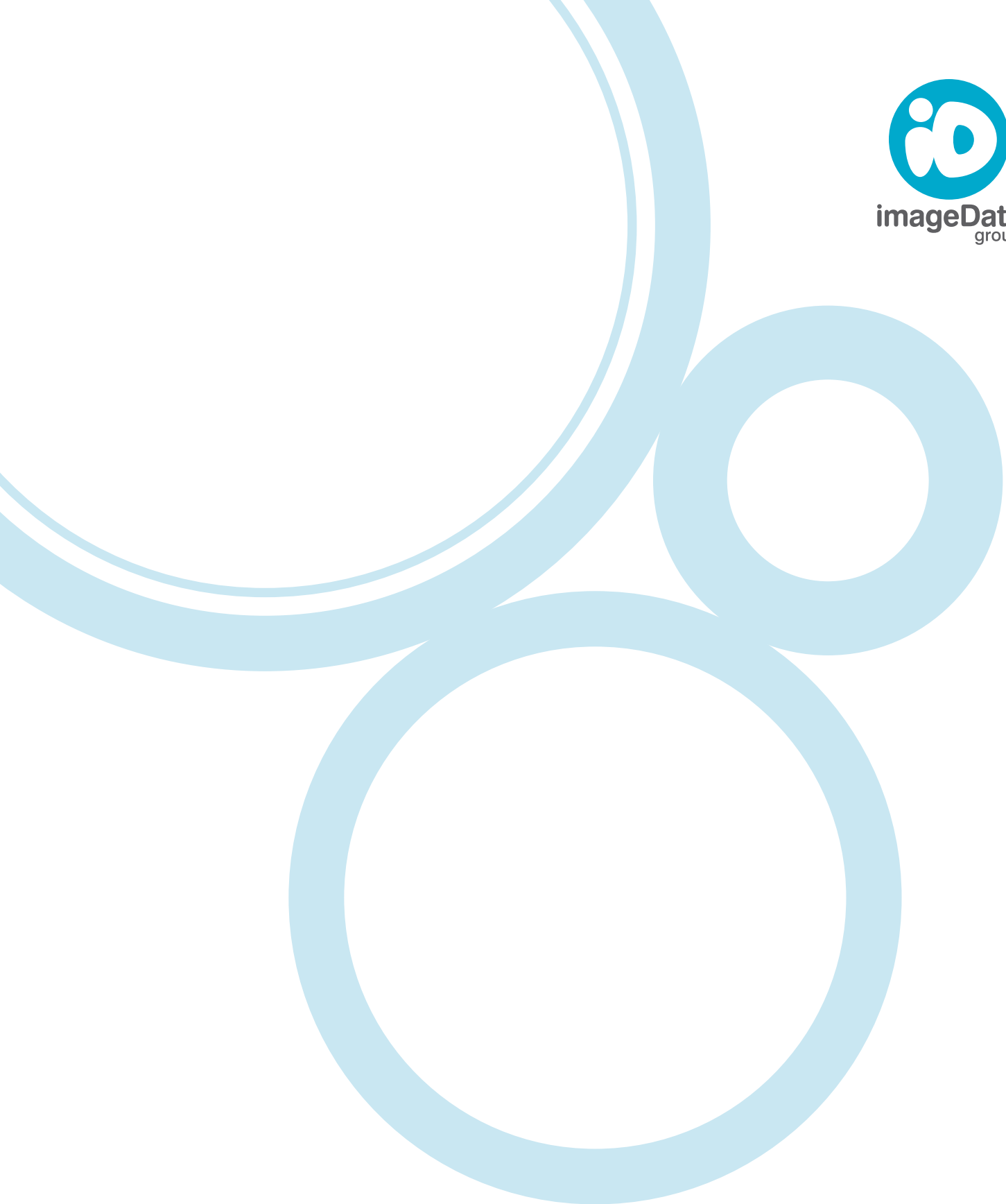




**imageData**  
group



## **Group Facilities**

# **GROUP FACILITIES 2010**

# Systems Integration and Communications

## Connectivity

- 10mb Internet lease line at each site
- ISDN 2, ISDN 30 and ADSL
- WAM!NET ISDN
- DVD, CD
- Connectivity to all standard external SCSI devices
- 1000mb and 100mb Ethernet link to Network
- Gigabit Optical Fibre Links
- Wideband Wireless Wide Area Network

## Servers

- IBM Netfinity High Resilience Network Servers
- 2 x IBM P620 Processors
- SSA Mirrored Disk Subsystem
- 9 x Dell 1850
- Dell 2800
- 2 x HP ML 370
- HP ML 530

## Network

- 8 x Cisco Catalyst 3524-XL-EN switches with built in redundant PSU and covered by Independent UPS. The switches have Gigabit uplift for increased traffic throughput. With the following features:
- 2 x Cisco Catalyst 2924 XL 24-port 10/100 switch
- 2 x 1000 BaseX uplink for Catalyst 2924XL
- 2 x Cisco Catalyst 3508G XL 8-port Gigabit Switch
- 12 x 1000base SX multimode Gbic
- 3 x HP Compaq Proliant ML570 Xeon Servers running Tharstern MIS across multi-sites linked by: WAN intranet system and covered by UPS
- Intranet Data Collection (IDC) linking data from presses and finishing equipment to Tharstern MIS
- WAN links via VPN tunnels and firewall protected routers
- Fibre Optic LAN

## Internet

- Email facilities (Microsoft Exchange/Outlook)
- Website: [www.imagedata.co.uk](http://www.imagedata.co.uk)
- FTP file transfer
- Dedicated lease lines with state of the art 'type 1' firewalls
- High speed ADSL connections
- Terminal service
- Tharstern SQL e4print customer on-line interface covering quotations, ordering and real-time job tracking
- Easy software / Highway Link internet order entry system
- xDocs Smart Document Management Systems
- Unix (Apple) Web & Mail application servers

## Operating Systems

- IBM AIX, Microsoft Windows, Mac OS, Microsoft Windows Server 2003, Linux, and Solaris

## Development Software

- Cobol, Crystal, Microsoft Office, MS Visual Studio, C++ , Visual Basic, Real Basic, SQL, PostgreSQL, and MySQL

## Web Development

- SQL 2000, Visual Studio, Interdev, Visual Basic, Visual C++ , Visual J++ , Visual Fox Pro, .php, .asp , Asp.net, C#.net, vb.net, AJAX, Javascript, VBScript, Qlingo, TSQL and XML.

## Management Information System

- TharsternSQL™ , for managing the print process from sales generation and estimating right through to production, despatching and invoicing. The system also supports a range of e-commerce solutions and incorporates the most up to date JDF technologies for automated workflows.

## Accounting Software

- Sage MMS accounting software providing multi-company coverage of all ledgers. Links directly with Tharstern MIS providing seamless synchronization of customer and supplier data.

## Data Management Services

- Customised management information and reports, database creation and maintenance, design and implementation of company specific on-line quotation and ordering systems, e-business solutions, secure data processing and storage.

## Imaging

- Powerful, exclusive software **imagist™** provides automatic imaging transforming data into electronic graphic images ready for print in the correct typestyle, format and sequence.
- **imagist™** is a component of **imageEnterprise 2.5, imageData Group's** modular business intelligence (BI) platform that delivers a complete set of BI capabilities: best-of-breed management tools, reporting, query, analysis, artwork, auto-typesetting and multi-data source integration.
- **imageEnterprise™ 2.5** offers numerous online collaboration modules that have significantly improved process workflows, and therefore saved both time and money for **imageData Group's** clients.

## Data and System Security

- All hardware and software is covered by specialist, third party support 24 x 365. All processes are protected by anti-virus software. Computer Associates eTrust Antivirus software is updated daily onto all computers.
- All information and systems are automatically backed up on a daily cycle and a full disaster recovery plan is in place. This ensures continuous production in the case of a major incident such as fire or flood.

# Reprographics

## Graphic Packages

- Adobe Photoshop, inDesign, Illustrator, Pagemaker
- Corel Draw
- Quark Xpress
- Macromedia Freehand
- Freeflow v.5
- DirecType

## Personalisation Software

- Personalisation: Darwin and PDFLib, PDFLib provides completely bespoke PDF Production, from personalised print creation to automation of imposition and markings.
- XMPie is the leading software solution for cross-media dynamic publishing which enables clients to efficiently develop and execute highly customized, information driven, cross-media campaigns.
- XMPie enables:
  - personalised communication through print, web, email and mobile
  - the selling and the customizing of documents over the Web
  - image personalisation
  - dynamic tables

## Digital Pre-Press Systems

### Workflow system

- DALiM PRiNTEMPO is a JDF-based print production system that uses a standard web browser as its interface. It drives and monitors the up-to-the-minute status of print and premedia production jobs.
- DALiM PRiNTEMPO offers a way to give clients their own 'internet print portal'. Online services include online file submission, file preflighting, preflight report generation, production tracking, softproofing, etc.

### Scanning

- Crosfield Celsis 6250 CASC Drum Scanner. Maximum original size 510mm x 635mm. Maximum enlargement 3000%.
- Umax A3 flatbed scanner.

### OPI

- Silicon Graphics Origin 200, 177gb Raid Array, running FullPress OPI software.

### Storage

- United Digital G4 fibre, 1.9 Tbytes RAID storage system.
- Apple Xraid 7.0 Tbytes

## RIPs

- Harlequin Scriptworks RIPs with advanced screening technology running on Windows NT servers.
- DALIM TWIST – Automated RIP once output many workflow running on IBM X Series dual Zenon with inbuilt trapping / colour profiling.
- BRISQUE version 4.
- Delta Tower RIP + Data General imaging technology
- 2 x CREO Spire Colour Servers iGen Rapid RIPs
- 3 x DocuSP

## Mac OS

- Apple Mac G5 computers running the latest software, including:
  - Quark, Macromedia Freehand, PitStop & Adobe InDesign, Photoshop, Illustrator, Pagemaker, Acrobat.

## Windows

- Intel Pentium computers running Windows software, including:
  - Quark, Microsoft Office, Corel Draw, Pagemaker.

## ISDN

- Transmission Manager software running ISDN 30.

## Colour Management System

- All presses are regularly profiled, cross calibrated and validated to all proofing devices, platesetters and digital print engines utilising advanced software to ensure consistency of colour irrespective of production route.
- Passport colour control – Repro.
- Pre Press Process Control Version III. Pass / Fail for film, proof and screen.
- 508X / LP Reflection Densitometer (proof & print samples).
- TD361 Transmission Densitometer (film).
- Passport colour control – Screen prep.
- 2540VP Stencil Dot Reader.
- Passport colour control – Print Room.
- Print Controller Version III Process & Specials.
- Colourjudge Software.
- Colourshop Software.
- 508X / LP Reflection Densitometer.
- DTP22 / Swatchbook (Colourjudge Spectrophotometer).
- GMG ColourProof Software with Profile Editor.
- GMG Proof Control including Gretag icColour Spectrophotometer, Gretag EyeOne and Label Printer, scanning proofs and producing verification labels to ensure system accuracy.
- Creo InkPro software used to create CIP3 files for Komori presses.

## Proofing

- Wet / press proofs
- 4 x Xerox Phaser 7300DN SRA3 colour laser printers.
- 2 x Epson 10600 and 1 Epson 9800 large format colour proofers, running GMG ColourProof Software.
- Electronic pdf proofing.
- Bespoke remote proofing systems.
- Lexmark colour and B / W laser printers.

## Conventional Pre-press and Film Enlargement

- Comprehensive pre-press facilities for litho origination, including scanning, full colour page make up and platemaking facilities.
- Littlejohn horizontal camera, enlargement to 2500mm x 1220mm and automatic film processing.

## Screen Preparation

- Prokka 640-510 high resolution Optics Direct projection unit, computer controlled with
- 16 x magnification and maximum screen size of 4000mm x 2500mm.
- 1 x stencil processing machines Omnitec maximum screen size 4000mm x 2500mm.
- 1 x stencil wash-off machines Omnitec maximum screen size 4000mm x 2500mm.

## Output Devices

### Computer to Plate (CTP)

- **New September 2010**
  - APOGEE software driving 2 :Azura TS Plate Systems
  - Environmentally friendly, chemistry free thermal plate system
  - No plate waste on press; no chemistry so clean and stable; no water
  - Non-imaged areas removed with :Azura TS gum
  - No image degradation or variation

### Computer to film (CTF)

- Heidelberg Hercules B2 internal drum laser imagesetter with maximum imaging area
- 750mm x 550mm on-line with Kodak processor. Image resolution of up to 5080 dpi.

### Computer to screen (CTS)

- Sign-Tronic stencil master automatic computer to screen device with direct UV screen exposure.
- Maximum frame size 2285mm x 2690mm, maximum image size 1650mm x 2185mm.
- Image resolution of up to 1270 dpi.

### Plate Reader

- Lithocam Digital Plate Reader, enabling quality checks of plates and press sheets.

# Lithographic Printing

## Komori Lithrone LS1040P(H)

- 10 colour straight or 5 back 5 perfecting press B1 sheet size Komori PQC and fully automated on press systems. Advanced KHS-A1 System, CIP4 automatic plate changing.
- Print Density Control-Spectrophotometer (PDC-S) measuring and controlling print density and spectral values.
- Maximum sheet size 720mm x 1030mm, maximum printing area 705mm x 1020mm, sheet thickness 0.06mm to 0.6 mm.

## Komori Lithrone 540SP

- 5/5 stacked super perfecter, 10 colour press. B1 sheet size with fully automated on-press systems & CIP4, including automatic plate change.
- Print Density Control-Spectrophotometer (PDC-S) measuring and controlling print density and spectral values.
- Maximum sheet size 720mm x 1030mm, maximum printing area (front and back) 705mm x 1020mm, sheet thickness 0.04mm to 0.20 mm.

## 1 x Komori Lithrone SL640

- 6 colour press with coating tower providing for aqueous in-line coating.
- Infra red drying with air knife. B1 sheet size, Komori PQC and fully automated on-press systems & CIP4, including automatic plate change.
- Print Density Control-Spectrophotometer (PDC-S) measuring and controlling print density and spectral values.
- Maximum sheet size 720mm x 1030mm, maximum printing area 705mm x 1020mm, sheet thickness 0.04mm to 1.0mm.

## Ancillary Equipment

- Vacumatic VITU tab inserter unit fitting Komori presses.
- Weko spray powder reclamation system.
- Komori K-station print production management system.

# Digital Printing

## 1 x Agfa/Thieme :M-Press TIGER

- Large format, high speed, 4 colour digital flatbed press.
- Fine text down to 4 point, smooth colour transitions and perfect flat tints.
- producing images with a near offset quality
- :Anuvia ink by Agfa, pigmented, UV-curable, minimum 2-year outdoor durability on specified substrates (central European climate conditions)
- Near Offset quality = up to 90 sh/hr
- Material Suitable for rigid and flexible substrates from 0.2mm up to 10.0mm thickness
- Instant drying UV curing inks to speed delivery and high durability for interior or exterior use.
- Print finish: gloss, semi-gloss or matt
- Maximum sheet size 1660 mm x 2660 mm; maximum output 770 m<sup>2</sup>/hr.
- Maximum print area 1600 mm x 2600 mm
- Substates PVC, Banner Vinyl, PP sheets, Wet strength paper, SA Vinyl, Polystyrene sheet, Corrugated board, Forex Foam board, Dibond, PP Fluted, ...

## 1 x Inca Onset

- Large format, 4 colour digital flatbed press.
- Capable of printing on practically any substrate up to 10mm thick.
- Edge to edge printing up to 3200mm x 1524 mm with precise register accuracy.
- Instant drying UV curing inks to speed delivery and high durability for interior or exterior use.
- Print finish: Satin or gloss.
- Maximum sheet size 3200mm x 1550mm; maximum output 500m<sup>2</sup> per hour.
- Maximum print area 3200mm x 1524mm

## 2 x Inca Columbia Turbo

- Large format, 4 colour digital flatbed press.
- Capable of printing on practically any substrate up to 40mm thick,
- Edge-to-edge printing with precise register accuracy.
- Instant drying UV curing inks to speed delivery and high durability for interior or exterior use.
- Maximum sheet size 3200mm x 1600mm; maximum output 160m<sup>2</sup> per hour.
- Maximum print area 3200mm x 1600mm

## 2 x Xerox iGen3 (110)

- Variable printing press.
- Printing at 600x600dpi, in 8-bit resolution using Xerox patented dry inks for excellent fine line rendering and benchmark colour gamut.
- Each iGen3 produces up to 6,600 full colour process, single sided A4 impressions per hour.
- Maximum paper size 364mm x 521mm, minimum paper size 178mm x 178mm, material weight range, uncoated stocks 60 gsm-350 gsm, coated stocks 90 gsm-350 gsm.

## 1 x HP Indigo 7000 Digital Press (New 2010)

- 7 colour 812 x 812 dpi digital press. Capable of high speed duplex printing on a wide range of paper and synthetic materials. Full colour personalisation.
- Capable of producing 7,200 single colour A4 images per hour (2 up) or 3,600 4-colour A4 images per hour (2 up).
- White ink capability
- Automatic duplexing.
- Material weight 80 gsm-400 gsm coated, 80 gsm-400 gsm uncoated.

## **1 x HP Indigo Press 3050**

- 7 colour 812 x 812 dpi digital press. Capable of high speed duplex printing on a wide range of paper and synthetic materials. Full colour personalisation.
- Capable of producing 1600 single colour A4 images per hour (2 up) or 4,000 4-colour A4 images per hour (2 up).
- Automatic duplexing.
- Material weight 90 gsm-350 gsm coated, 80 gsm-300 gsm uncoated.
- Maximum sheet size 320mm x 470mm, maximum image size 308mm x 450mm.

## **3 x Xerox Nuvera 120**

- High-volume production printing at up to 120 images per minute. Maintains superior image placement on the sheet by using centre registration. DocuSP software delivers comprehensive job programming and administration. Works in conjunction with Xerox FreeFlow™ Digital Workflow. In-built scanning capability linked to DigiPath Production software.
- SmartPress™ Sentry software optimising system performance. In-line finishing: Bourg Document Finisher BDFx; Interface to Document Finishing Architecture (DFA); SquareFold™ booklet maker and finisher.
- Maximum paper size 310mm x 470mm, minimum paper size 178mm x 254mm, material weight range, uncoated stocks 56gsm - 216 gsm, coated stocks 90gsm - 210 gsm.
- Postscript level 3.

## **2 x MaxJet**

- Prints onto roll substrates - ideal for banners.
- Up to 4m<sup>2</sup> per hour with long run capability. Eight print heads I<sup>2</sup> Intelligent InterWeave technology, which provides excellent image quality.
- Maximum width 2.6metres.

## **Xerox DocuTech 6180**

- Monochrome high volume printing systems xerographically printing black and greyscale duplex. Linked to Xerox DigiPath document scanner and document management system. Capable of producing up to 180 printed pages per minute
- Maximum sheet size 364mm x 487mm.

## **2 x Epson 9800**

- Large format, 8 colour ink-jet printer.
- Maximum sheet width 1118mm.

## **1 x Epson 10600 BO+**

- Large format, 7 colour ink-jet printer.
- Maximum sheet width 1067mm, material: matt, semi-gloss, gloss (200gsm), special banner grade material, board to 1.3mm thick.

## **Domino A200**

- Ink-jet serial numbering or product personalisation utilising Domino A200 technology which can be fitted to the stitch line, Moll gluer or folders.

## **Indigo Ink Mixing Station**

- Semi-automatic Indigo Ink Mixing Station, accurate colour formulas to fine tolerance levels.

## Screen Printing

### Thieme 5070 4-colour Press

- Fully automatic Thieme 4 colour multiformula fitted with dual lamp scanning UV curing system.
- Maximum sheet size 1700mm x 2650mm, maximum print area 1650mm x 2600mm, sheet thickness up to 7.0mm.

### Thieme 5070 2-colour Press

- Fully automatic Thieme 2 colour multiformula fitted with dual lamp scanning UV curing system.
- Maximum sheet size 1700mm x 2650mm, maximum print area 1650mm x 2600mm, sheet thickness up to 7.0mm.

### Sias Multiformula 4-colour Press

- Fully automatic Sias 4 colour printing press with online H.T.B. automatic feeder and dual lamp scanning UV curing system.
- Maximum sheet size 1550mm x 1850mm, maximum print area 1520mm x 1825mm, sheet thickness up to 7.0mm.

### Sias Vertogrande

- Large format single-colour printing press with UV dryer.
- Maximum sheet size 3060mm x 1470mm, maximum print area 3000mm x 1420mm, sheet thickness up to 10mm.

### Sveciamatic

- Semi-automatic printing press with UV and conventional air express drying systems.
- Maximum sheet size 1245mm x 864mm, maximum print area 1219mm x 838mm, sheet thickness up to 10mm.

### Computerised Ink Dispensing

- Fully automatic Rixon 17-head system for fast, accurate colour formulas to fine tolerance levels.

## Cutting Table

### Zünd G3 L-3200

- Enables the fast prototyping, and production of small runs for display graphics & 3D units
- Automates all cutting and trimming functions and is able to finish a vast array of different materials including foam materials, perspex, acrylics, vinyls and mount board up to 50mm/2" thickness.
- Working area of 1800mm (width) x 3200mm
- Maximum plotting speed of 1000mm/sec

## CD Authoring

### Microtech Xpress and Xtreme

- **imageData Group** is now able to fulfil our clients' CD/DVD authoring, duplication and printing requirements in-house. The disc formats supported are:
  - DVD-R/DVD + R – Digital Video Disc Recordable Format
  - DL DVD-R/ DL DVD+R – Dual Layer Digital Video Disc (more capacity)
  - CD-R – Compact Disc Recordable
- Additionally, using Imagemaker software the production team can print text and graphics onto discs which provides the sharpest photo-quality text and graphics imaginable; up to 4800 dpi (dots per inch) print resolution. The system can log every duplication activity of every user ensuring total security of your clients' disc production. To enhance security can print individual serial numbers or barcodes on every disc and embed the same information in the content of the disc.

## Bindery and Finishing Systems

### Guillotines

- 1 x 3.66 metre Cauhé guillotine
- 2 x B1 115 fully programmable guillotines with hydraulic stack lifts and air conveyor systems.
- 1 x 1000 x 1000 fully programmable guillotine with air conveyor system.
- 1 x 1550 x 1550 fully programmable guillotine with hydraulic stack lifts and air conveyor system.
- 1 x 640 x 450 Duplo 486 guillotine.
- 1 x 640 x 450 Polar guillotine.

### Cutting & Creasing

- 1 x Sanwa TRP-1060-SE automatic platen cutting and creasing machine. Material thickness 0.1mm to 1.5mm board and E flute corrugate. Minimum sheet size 400mm x 330mm, maximum sheet size 1060mm x 740mm.
- 3 x Heidelberg Cylinders. Capable of handling A4 to B2 sheet sizes. Die cutting, scoring and creasing.

- 1 x Rolem perforator & scorer. Paper weight range 80gsm – 300gsm, minimum sheet size 210mm x 148mm, maximum sheet size 450mm x 320mm.
- 1 x Midas V11D Hand Platen to cut sheet size 2540mm x 1550mm
- 1 x Crossland cutting and creasing platen to cut sheet size 1200mm x 830mm.
- 1 x Crossland cutting and creasing platen to cut sheet size 2540mm x 1550mm.

## Folding

- 1 x MBO K76 SKTL 6, High Performance B1, combination folding machine. Concertina fold up to 14pp roll fold up to 10pp. 32pp section A5 portrait and landscape with slitter capacity. Maximum sheet size 1080mm x 760mm.
- 1 x Morgana Digifold, creasing & folding machine. Suction fed feeding system. Maximum sheet size 630mm x 330mm, minimum sheet size 140mm x 160mm, paper weight range 90gsm - 300gsm, maximum number of creases per sheet 9, maximum number of folds per sheet 2. Speed per hour: A4 one crease & one fold x 1800 sheets; A4 two creases & two folds x 1400 sheets; A3 one crease & one fold x 1440 sheets; A3 two creases & two folds x 1200 sheets Note: The production speed varies according to the material weight & quality.
- 1 x Foldmaster 235, suction folder with scoring & perforating facilities. Single fold, double parallel fold, engineering fold, gate fold, letter fold & concertina fold. Programmable memory up to 100 jobs. Maximum paper size 350mm x 500mm, minimum paper size 90mm x 120mm, paper weight range 40gsm - 240gsm, folding performance up to 30,000 A4 sheets per hour.
- 1 x Heidelberg Stahl KD78 6KTL PD combination folding machine B1 with VSA86-D presser stacker units. Maximum sheet size 1040mm x 720mm.
- 2 x Heidelberg Stahl C2 combination folding machine B2. Maximum sheet size 720mm x 520mm.
- 1 x Faltext folding machine A3. Maximum sheet size 360mm x 500mm.
- 1 x GUK FA36/2 SAF folding machine. Minimum sheet size 60 x 100mm.

## Pocket Folding / Gluing (for automated folder production)

- 1 x Moll Marathon Regal. Production speeds of up to 6,500 units per hour depending on complexity of folder. Gluing, pocket forming and final fold. Over 40 different styles of pocket available. Minimum size 240mm depth x 280mm width, maximum size 500mm depth x 570mm width.

## Collating, Stitching and Trimming

- Muller Martini, 6 station and cover feeder, collate, flat and loop stitching, 3 knife trim and stacker.
- 1 x 10 Station Automatic Collator (Teisen & Bonitz Sprint). Size A5 to SRA3, paper weight range 70gsm - 250gsm.
- **New October 2010 - Muller Martini Primera C130 saddle stitcher**
  - 6 station
  - Automatic thickness measurement, staple control
  - Cover feeder
  - Three knife trimmer
  - Automatic image and barcode recognition to ensure accurate collation
  - Barcode generation software

## Perfect Binding

- MR 500 Perfect Binder
  - Ideal for on-demand/short run bookbinding. Maximum binding length 380mm, minimum binding length 80mm, binding thickness 4mm to 45mm, maximum cover size 380mm x 490mm, minimum cover size 175mm x 200mm, maximum weight of covers 350gsm, production speed approx 150 books per hour.
- Muller Martini Bravo SigmaBinder
  - Perfect binder capable of producing up to 1,000 finished books per hour with variable page numbers. An in-feed roller table passes jobs to a measuring station where specifications such as length, width and thickness are checked, the binder also has an in-line dryer and trimmer.

Mechanical Speed:	500 to 1000 cycles; infinitely variable production speed depending on product size, thickness, paper quality etc.
Book Spine Length:	154mm – 320mm
Book Width:	127mm – 230mm
Book Thickness:	3mm – 40mm
Cover Width:	250mm – 550mm
Paper Weight:	60 – 120 gsm
Cover Weight:	120 – 300 gsm

## Tape Binding

- 2 x Fastback Tape Binders, thermal tape binding using thermoplastic adhesive strips. Covers can be clear polyester, paper or card. Maximum length 297mm, minimum length 210mm. Binding Capacity – 10 sheets to 275 sheets plus covers. Fastback strips available in a wide choice of colours. Production Speed of approximately 60 books per hour (depending on thickness).

## Punching

- JBI Alpha-Doc automatic punching machine for wire, comb or ring binder with high pile feeder, turnover device, deep pile reception trolley & an index tab facility. Punches up to 10,000 A4 sheets per hour, sizes A5 to A4, paper weight range 60gsm - 160gsm.
- 2 x Wire-o Desk Top Punches. Maximum sheet size SRA4.
- GBC Desk Top Punch for Comb Binding. Maximum sheet size SRA4.
- 6 x Wire-o Binding Hand Closers. Maximum book size A4.
- 2 x Comb Binding Hand Closers. Maximum book size A4.
- James Burn International Docupunch. This versatile machine is a compact, free standing unit, designed to make light work of diverse punching needs, and able to punch 15000 sheets per hour. Ergonomic styling allows all operations (including tool change) to be performed from the front of the machine by a simple touch key control panel. Specifications: Sheet Size Max 330mm x 300mm – Min 138mm x 138mm. Sheet Pick Up – Top Feed fixed thickness at 0.7mm (7 sheets at 80gsm) Min paper thickness 80gsm – Max 250gsm.

## **Booklet Maker & Trimmer**

- DBM-120 sheet by sheet stapler folder. Saddle stapling & folding/centre folding, capacity A4 to A3. Side stapling from A5 to A4. Corner stapling A4 & letter sizes. Paper weight range for text 80gsm - 130gsm & covers 80gsm - 200gsm. Maximum processing speed, 30 sets per minute based on 2 sheets 80gsm. Stapling ability, maximum 20 sheets at 80gsm. Folding ability, maximum 20 sheets at 80gsm.
- DBM-120T trimmer. Paper weight range from 80gsm - 130gsm. Maximum processing speed 40 sets per minute. Trimming length 0 to 20mm. Trimming ability 20 sheets at 80gsm plus cover.
- DSF-2000 sheet feeder, an addition to the DBM-120 which allows the operator to load the text (mono) into the main feed tray & covers (digital colour or offset) into a auxiliary feed tray then by selecting the required settings the DSF-2000 feeds the required sheets automatically in sequence to the booklet maker. Paper size range, width 148mm - 320mm and length 200mm - 450mm. Processing speed maximum 150 sheets per minute (A4 Vertical). Paper weight range text 80gsm - 130gsm and covers 80gsm - 250gsm.

## **Drilling**

- Citoborma single post manually operated (handle) drill. Maximum length 297mm. Drills one hole at a time up to 5 holes. Drill sizes 5mm to 8mm. Production speed of 8000 sheets x 4 holes per hour.
- Citoborma 4 post manually operated (foot pedal) drill. Maximum length 297mm. Drills up to 4 holes at one time. Drill sizes 5mm to 8mm. Production speed of 11,000 sheets x 4 holes per hour.
- A variety of semi-automatic and manual drilling, perforating, scoring, creasing, wire 'o' binding, comb binding and hand stitching machines.

## **Encapsulating**

- 76 micron up to 380 micron encapsulate. Maximum sheet width 685mm.

## **Automatic Laminating**

- Gloss or Matt – heat sealed laminate 35 micron up to 250 micron. Maximum sheet width 685mm.

## **Stringing**

- 2 x Whirlwind 185. Punches, strings and knots a wide range of elasticated and non-elasticated cords. Metal eyelet capabilities.

## **UV Varnishing**

- 2 x UV cured high scuff resistant varnish, gloss and matt. Maximum sheet size A3.

## **Ram Punching**

- 130mm x 160mm maximum size for punching out irregular shaped tickets / labels giving clean accurate shaping.

## **Gluing**

- Automated gluing machine used for the make-up of complex point of sale display units.

## **Shrink Wrapping**

- BVM automatic shrink wrapper. Producing tight repeat packages in clear film.
- Erapa Lady Pack Shrinkwrapper/Polybagger. Size A7 to SRA3. Maximum thickness 50mm.

## **Strapping**

- A range of individual box or parcel strapping machines.

## **Mailbagging**

- AMS Digital Mailbagger semi-automatic poly wrapping machine.

## **Polybagging**

- Erapa Lady Pack Shrinkwrapper/Polybagger. Sizes A7 to SRA3. Maximum thickness 50mm.
- Promail Polybagger. Sealed bagging operation (Ideal for mailing). Maximum thickness 15mm. Sizes A5 to A3. Production speed approximately 600 units per hour.

## **Pallet wrapping**

- Lanwrapper for stretch wrapping pallets

# Fulfilment, Distribution, Quality Assurance & Environment

## Display Engineering

- Working closely with our digital pre-press department, our 3D design engineers provide solution to any display requirements from small counter top units to three dimensional in-store displays.

## Collation & Packing

- Complex sequencing, collation and insertion facilities including third party items of a non-print nature. Tailor-made packaging for major retail promotional POS campaigns to ensure safe and cost effective delivery.

## Pick & Pack Service

- Stock picking, collation, and packing on demand. Dedicated telephone hotlines and bespoke on-line systems for ordering and call-off.

## Secure Warehousing & Stock Management Control

- Extensive warehousing facilities and computerised stock management control systems.

## Mailing

- Complete mailing fulfillment services for printed products including data management and full personalisation, 'mailsort' sequencing and collation.

## Distribution

- The **imageData Group** has its own distribution company, Image Group Logistics having a modern fleet of vehicles, fully equipped with on-board communication facilities.
- We provide a 24/7, door-to-desk service ensuring that no matter where or when the print is required we will deliver it safely into the hands of the right person.
- In addition, the company has "in-house" computerised tracking systems operating in conjunction with most major carriers for national and international distribution.

## Quality Assurance

- We operate a bespoke, fully documented, Quality Assurance System which is regularly audited and approved by our major customers.
- **imageData Group** is an ISO 9001:2000 approved organisation.

## Environment

- **imageData Group** firmly committed to delivering solutions that have as little environmental impact as possible.
- Multiple waste extraction units are installed throughout our plant to ensure that we collect all material suitable for re-cycling and process it in the most efficient way possible.
- We use specialist companies to recycle all waste inks, solvents and printing plates and we only purchase paper and board from sustainable sources.
- **imageData Group** is an ISO 14001 approved organization.

## Locations

### **imageData Group Ltd. (Head Office)**

Grange Park Lane, Willerby,  
East Yorkshire, HU10 6EB

tel: +44 (0) 1482 652 323

fax: +44 (0) 1482 652 611

email: [admin@imagedata.co.uk](mailto:admin@imagedata.co.uk)

### **imageData HULL (Print)**

Grange Park Lane, Willerby,  
East Yorkshire, HU10 6EB

tel: +44 (0) 1482 652 323

fax: +44 (0) 1482 651 899

isdn: +44 (0) 1482 652 974 / 656 274

### **imageData LEEDS (Print)**

Burley Hill Trading Estate,  
Leeds, LS4 2PU

tel: +44 (0) 113 389 4050

fax: +44 (0) 113 278 4826

isdn: +44 (0) 113 230 7431

### **imageData BRIGHTON (Print)**

Exion 27, Crowhurst Road,  
Hollingbury, Brighton, BN1 8AF

tel: +44 (0) 1273 506 100

fax: +44 (0) 1273 561 621

isdn: +44 (0) 1273 421242

### **imageData HOWDEN (Print)**

The OZONE, Boothferry Road,  
Howden, DN14 7EA

tel: +44 (0)1430 474000

fax: +44 (0)1430 474050