

GO INSPIRE.

Marketing Performance Partner

Plant list January 2021

GO INSPIRE.
Solutions

GO INSPIRE.
Eclipse

DATA PROCESSING TOOLS

| | |
|-------------------|---|
| SYSTEM | Inspire Suite for data driven composition SQL server 2010 .Net Framework 4 CACI Anabase – name and address processing Data Health Check Cygnus |
| SUPPRESSION FILES | Gone Away Suppression File MPS The Bereavement Register PAF Mortascreen NCOA |

PRE-MEDIA WORKFLOW

| | |
|------------------|---|
| PRIMARY WORKFLOW | Kodak Prinergy, Kodak Insite, Kodak Magnus 800 Quantum S |
| PROOFING | 2 x Epson SureColor P9000 with built in Spectrophotometer driven by EFI Fiery XF 1 x ImpoProofer 2 x Xrite i1 Spectrophotometer 1 x Xrite IO Table |
| WORK STATIONS | 3 x Mac Pro 1 x iMac 27" 1 x Mac Mini Server |
| SOFTWARE | Quark 2016 Adobe CC (Indesign, Illustrator, Photoshop and Acrobat) Enfocus Pitstop Professional 13 Kodak Preps v7 |

IN-LINE PRINTING

IN-LINE LITHOGRAPHIC WEB PRINTING

| | |
|----------------------|--|
| PRESSES | 2 x Zirkon 24pp web |
| Maximum web width | 965mm |
| Minimum web width | 330mm |
| Cut off | 904mm |
| Maximum stock weight | 200gsm |
| Minimum stock weight | 70gsm |
| Colours | 5 total, either 5/5 or 4/4 plus sealer |
| Drying | Heat set (115 - 150°C) |

IN-LINE PRINTING

IN-LINE PERSONALISATION

SYSTEMS

Scitex 6240 variable imaging systems

| | |
|------------------------------------|---|
| Heads | 24 x 108mm |
| Speed | 1000ft per minute (press speed) |
| Simplex single pass | Maximum 22 heads (1296mm in total) |
| Duplex single pass | Press 2 10 heads top side and 12 heads bottom side Press 3 12 heads top side and 7 heads bottom side |
| Resolution | 240 dpi |
| Fonts | Bitstream type library |
| Ink | Water based |
| Colours (each head independant) | Black, blue, red, green Any PMS colours can be matched |
| Drying | Heraeus Carbon Infrared (CIR) |

IN-LINE FINISHING

| | |
|----------------------------|---|
| Systems | 2 x Inline ribbon/plow-fold systems |
| Stock weight (recommended) | 80 - 200gsm |
| Plow fold towers | Maximum of 7 4 Head creasing unit |
| Ribbon slit and merge | Maximum 4 ribbons (2x plow-fold) |
| Perforations | Line, cross, pattern |
| Die cutting | Line, pattern, aperture, shapes, profile, kiss cut |
| Gluing | Line, pattern, spot, impact |
| Shear slitter | Single and double cut |
| Window Patching | Max - 150mm (w) Max - 178mm (cut off) Min - 36mm (cut off) 27 - 75 micron (gauge) film thickness |

STOCK, INK AND FINISHES

| | |
|--|---|
| Paper stock (70 - 200gsm) | Uncoated, matt coated, silk, gloss |
| Inks (heat-set) | CMYK, specials, metallic, coin reactive, heat reactive, watermark, carbon, fluorescent |
| Varnishes (heat-set) | Sealer, press gloss |
| Finishes (spot) | UV, gloss, fragrance, Aqueous coating |
| Glues (water based, hot melt, impact) | Remoist, peelable, label |
| Backgrounds | Security marks/devices can be incorporated into our products |

IN-LINE PRINTING

OPTIMUM PRODUCT SIZES

| Quantity and sizes | Number up | No bleed | Common bleed | Full bleed |
|--------------------|-----------|----------|--------------|------------|
| | 2 up | 452mm | 444mm | 439mm |
| | 3 up | 301mm | 296mm | 289mm |
| | 4 up | 226mm | 222mm | 214mm |
| | 5 up | 180mm | 177mm | 169mm |
| | 6 up | 150mm | 148mm | 139mm |
| | 7 up | 129mm | 127mm | 118mm |
| | 8 up | 113mm | 111mm | 102mm |

LASER AND DIGITAL PRINT

SHEET FED DIGITAL PRINTING

| | |
|--------------------------|---|
| Sheets fed presses | 1 x Konica Bizhub C1100 2 x Konica Minolta 1052 mono device All machines have tray pulling capability 2 X Ricoh 9110 digital presses |
| System capability | Fully personalised, variable, four colour, duplex print+ mono |
| Substrate specifications | 140 mm x 182 mm to 330 mm x 487 mm. 60gsm to 350gsm 210 mm x 297mm to 330mm x 700 mm upto 450gsm. |
| Resolution | 600 dpi & 1200 dpi |

REEL FED DIGITAL PRINTING

| | |
|---------------------|---|
| Presses | 1 x HP T490 HD High Speed Digital Inkjet Press 2 x HP T240 HDNA High Speed Digital Inkjet Press |
| System capability | Fully personalised, variable, four colour and mono, duplex |
| Maximum web width | 1067 mm |
| Speed | 1000ft per minute (72,000 A4's per hour) |
| Media Range | 90 to 300 gsm |
| Resolution | 1200dpi (with HD capability) |
| Finishing | Hunkeler CS6 cutters, six plate MBO folders, Reel to reel Sheer Slitter (2 reels) Vits offline finishing |
| Dynamic perforation | 1 x Hunkeler system 1 x Tecna system 1 x EMT system |

OFF-LINE FINISHING

| | |
|----------------------|--|
| Systems | 2 xHunkeler offline finishing systems |
| Processes | Cross-fold trim |
| EHRET Offline System | With plow folds, buckle folds & Palamides auto stacker |

ENCLOSING AND FINISHING

ENVELOPE ENCLOSING

| | |
|------------------------|---|
| Enclosing lines | <p>3 x Sitma SM15 All file based 2 with read and print technology 3 reel fed with multi page capacity 2 x Neopost file based</p> <p>2 x BOWE FUSION CROSS HIGH-SPEED ENCLOSING LINES Both file based Both with Reel feed and Sheet feed input channels Selective inserts from 6 hoppers C5, C4, DL windowed products Up to 22,000 packs per hour per machine.</p> <p>x2 CMC 9000 - Hi speed encloser. Fully intelligent Reel fed or Sheet fed. 6 x rotary feeders, 2 x hi capacity insert belts, 2x CMC 9000, Hunkeler UW6 unwind unit, Technau cutting unit, for split & merge, 4 plate buckle folder for folding to A5 or DL in line, will collate up to 8 sheets, with selective insertion and matching capability.</p> |
|------------------------|---|

FINISHING

| | |
|---|--|
| Finishing Equipment | <p>1 x Morgana Docufold Pro Folder - 18,000 per hour 1 x Morgana Major Folder - 18,000 per hour 1 x EBA Guillotine 1 x Nagel Foldnak Compact Digital Booklet Maker - Min Format: 105 x 210mm, Max Format: 325 x 450mm, Max Thickness: 25 Sheets 80gsm, Stapling heads: Up to four.</p> |
| Ancillary | <p>1 x Maticard T10 Card Personalisation</p> |
| Duplo Digital System 5000 PRO Booklet Maker | <p>2 x Duplo Digital System 5000 PRO Booklet Maker 400 sheets a minute feed 3,600 booklets per hour Combines digital contents with cover Four finishing styles Optical mark recognition Automatic set up of bookletmaker 25 sheets per booklet max @ 90gsm (Heavier stocks will carry less sheets) Maximum sheet size 250 x 350 mm Minimum sheet size 75 x 120mm Complete production record for security</p> |
| MBO T800 Buckle Folder | <p>6 folding plates GSM: 90-350 Sheet Width: 140mm-720mm Products: Roll fold, concertina fold, double parallel and cross folds</p> |

ENCLOSING AND FINISHING

ENVELOPE ENCLOSING

Paper Wrapping

2 x CMC JWR30 paperwrap Machines

Reel fed single of multi page letters
Tip on card feeder with mono matching personalisation
Six selective feeders
Reel fed outer wrap with window patcher, flap profiling and mono matching personalisation
Multiple hot melt glue systems to offer permanent and/or peelable sealing
File based processing on all applications

CARD TIPPING

1 x Sitma Pick and Place

Minimum Size: 50 x 80mm
Maximum Size: 50 x 130mm
Minimum Thickness: 0.4mm
Maximum Thickness: 2mm
Items: Credit Cards, Sachets (both subject to sight)
Personalisation: Not possible to print or match

2 x CMC Card Affixers and Mono Perso

Minimum Size: 50 x 80mm
Maximum Size: 180 x 90mm
Minimum Thickness: 0.2mm
Maximum Thickness: 1mm
Personalisation: Can print black only to face and match back to letter (Letter must be A4 folded to either DL or C5 direct from a reel)
Minimum Font Size: 10pt
Print Colour: Black only
Method: Simplex only to visible face of card
2d Barcode: Must print on front of card to match back to letter (standard GI content)

1 x Kirk Rudy

1 x inline card tipping on device

DATA PROCESSING

DATA RECEIPT

Data can be received via SFTP,
We can also accept PGP
Encrypted files if required

SIMPLE PROCESSING

Mailsort
GAS
Bereavement Register
NCOA Suppress
NCOA Update
Experian Mortality
Suppressions
Experian Absolute Movers
Disconnect
Baby MPS
MPS
PAF

DATABASE MANAGEMENT

Database development
Data Capture (Gone away
suppressions, Statistical
analysis)
Profiling (RFV, Mosaic LTV)

DIGITAL COLOUR FINISHING

Xerox Nervera x1

Black mono - SRA3

Xerox Versants 3100 x2

Colour - SRA3

Xerox 2100 x1

Colour - SRA3

Xerox Baltoro

Ink Jet Cut Sheet

Colour - SRA3

REPRO FACILITIES

Quark 8.12

Adobe Creative Cloud & Pitstop

GMC Inspire Designer

Hunkeler CS6-11

Reel to Sheet Cross Cut

Incorporating MBO B26E – 66

4 plate folder and Palamides

paper banding unit

Herzog Heymann Pick and Place machine

Features hot glue system, page

opening and plough fold close

function. Capable of attaching

cards, coins, CDs, sachets etc.

Lake Image camera match

system

enabling personalised cards

to be

matched to documents

K150 Domino inkjet system

inkjet 2 inch label and used

in conjunction with the Lake

camera system Read, print and

verify.

Sure feed product attachment System

ALritma Labelling Machine

For label application on to

various

Substrates

Video Jet personalisation

2 inch inkjet printing can print

onto labels as attached

Duplo Digital System 445 Bookletmaker

Crease, stitch, fold and trim

Duplo DSF-5000/DSF-5000 CF

with DKT200 3 knife trimmer

High speed with control for

finishing booklets from digital

print. Capable of finishing up to

4,000 booklets per hour

The DKT-200 provides a

scaleable and modular solution

to the requirements of three

knife trimming for saddle

stitched and folded books.

HH M7 Special

The HH Special (Herzog

Heyman M7 Special) has now

been superseded by the next generation of M7 Equipment. Everything that we could do before still stands but there are a few additional upgrades that should be pointed out. Below is a list of the Individual Units and the Machine's capabilities.

MBO SAR 82 Feeder Vacuum Sidelay Belt

382 Cutting Unit

The Units are a Maximum

72cm wide

Score and/or Perf in-Line

in a Bi-Directional Format,

Horizontal and Vertical. Prior

to Gluing/ Folding.Time Cut or

Time Perf in a Bi-Directional

Format, Horizontal and Vertical.

Time Glue: Hot Melt Peelable

- Cold Set Peelable - Cold Set

Permanent.

M7 Folding Units

The Units are a Maximum

72cm wide

Electronic Variable Height

M7 - 2 Plate

M7 - 4 Plate

M7 - 6 Plate

Castellated - Variable Gap

Rollers (for Gluing)

Time Cut or Time Perf in a Bi-

Directional Format, Horizontal

and Vertical.

Time Glue: Hot Melt Peelable

- Cold Set Peelable - Cold Set

Permanent.

Gate Fold Plate for any of the

above M7 Units

Glu-Bind Contollers on all M7

Units

091 Vacuum Table

incorporating 381 Alignment

Table

Page Open.

Plough Fold Left and Right.

Edge Trim

Glue - Hot Melt or Cold Set

Glu-Bind Contoller

With the available Units we are able to produce:

4pp Foreedge Glue -

Horseshoe Glue to Royal Mail

Specifications

Either Dots or Line

6pp Foreedge Glue -

Horseshoe Glue to Royal Mail

Specifications
Either Dots or Line

Larger Paginated Products can also be Glued to Royal Mail Specifications.

We can also Score and Fold an Offset 8pp Gatefold and Edge Trim to leave a 2pp within a 6pp with no wrinkling of the spine - the product now doesn't go through the Fold Unit Rollers to edge trim.

Profold ProTab II

Applies an adhesive back tab to seal an open edge product.

TECHNICAL GUIDE

Keep this handy technical guide somewhere safe as it not only contains details of all our plant and equipment but also detailed information about our extensive web and inline folding facilities.

MACHINERY A comprehensive Plant List showing all of our pre-press, print and finishing equipment specifications.

FINISHING Detailed information including material weights for folding directly from the web presses and useful information about cut-off and pages sizes.

FORMATS As a guide to format options we've included some examples of the many 'Press Finished Products' we are capable of producing with our sophisticated web and inline finishing systems.

This guide will give some indication of what we can achieve but for more information and help with your specific requirements, call us on: 01536 483 401 or email: info@eclipsecolour.com

PRINT

PRESS

HEIDELBERG SPEEDMASTER

XL106 - 10 colour Press with cutstar
max sheet size: 750 x 1060mm max print area:
740 x 1050mm min paper weight 80gsm max
paper weight 400gsm
max speed (iph) 15,000

Special features

8 x Kodak Prosper S-Series Ink Jet Heads
(Personalisation) across full reel width.
Reels or sheet production
10-unit perfect 6/6 or combination Straight 10
colours 1 pass
Ink line
Double sided spray capabilities Autoplate
Auto-register
cpc 2000
cip3
Image control
Spectrophotometer
CITO - RSP inline finishing system -perforating,
cutting and creasing

M600 WEB-OFFSET

16pp 6 unit
cut off/reel width 630mm/965mm max print area
618 x 954mm
min paper weight 54g/m²
max paper weight folded 130g/m² max paper
weight sheeted
200g/m²
max speed (iph) 44,000
Special features
GMI closed loop colour control System cip3
prepress interface cpc32
JF 44 Folder tabloid/magazine Digest/delta
VITS Sheeter Rotocut S
Cutting accuracy +/-0.4mm
Re-moist glue unit
Pattern perf unit
Autoplate system
Automatic Register System
Spine glue
Rotary trim
Scheffer Inline Finishing

- Rotary Cutting
- Remoist Pattern Gluer
- 1 in 4 out Angle Bar/Compensator Assembly
- Wet Flap Pattern Gluer
- Spine Gluing
- Perforations
- Multiple Plow Stations
- Shear Slitting

HEIDELBERG SPEEDMASTER

XL106 - 10 colour Press with cutstar
max sheet size: 750 x 1050mm max print area:
740 x 1050mm min paper weight 80gsm
max paper weight 400gsm
max speed (iph) 18,000

Special features

Reels or sheet production
10-unit perfect 5/5 or combination Straight 10
colours 1 pass
Cito perf unit
Ink star
Double sided spray capabilities Autoplate
advanced
Inpress control - colour and register control
Prinect press centre
Prinect press room manager CIP4

M600 WEB-OFFSET

16pp 5 unit
cut off/reel width 625mm/965mm max print area
618 x 954mm min paper weight 54g/m²
max paper weight folded 130g/m² max speed
(iph) 60,000
Special features
GMI closed loop colour control System cip3
prepress interface
JF 60 Folder tabloid/magazine Digest/delta
VITS Sheeter Rotocut ST
Automatic register system
Autoplate system
Spine glue
Rotary trim

PRE-PRESS

HARDWARE

iMac x 4
PressTune - Colour
management

CTP

2 x Avalon N8-90S plate
setters (48 plates per hour)
2 x Expert Pallet loaders each
with one additional cassette.
Single internal punch in each
engine (Bacher 780)
NELA SF-Bender
Automated inline Bending
Machine
The fully automated NELA SF-
Bender aligns and bends the
following plate format(s):
> Heidelberg XL106:
1055 x 811 mm
Pre-Positioning with 2
positioning pins and sensor.

WORKFLOW

Apogee Workflow

PROOFING

Epson SC 9000 with built in
Spectrophotometer

SERVER

APOGEE WORKFLOW SYSTEMS SOLUTION

SECONDARY / FAILSAFE SERVER

1 premium workflow server

WEB PORTAL SERVER

Apogee Web Approval Pro

PRINT

FINISHING

GUILLOTINE X 2

Polar fully automatic guillotine Polar high speed programmatic guillotine and flow line with downloading, sheet count and weighing facilities

RAM BUNDLING

Increases loading speed and improves efficiency

PALAMIDES PAPER BANDING

FOLDING X 6

4 stahlfolder machines
+ cold melt gluing system
2 MBO folding machines

STITCHING X 3

Müller Martini prima 8 station
+ cover feeder
Heidelberg ST500 5 station
+ cover feeder
Heidelberg ST500 4 Station
+ cover feeder

WEB FOLDING

The following products can be produced in-line using the JF44/60 folder attached to our 16pp web presses. Leaflets, flyers, application forms etc. can be produced using the sheeter option and folding off line or via our Scheffer unit inline.

**M600 WEB-OFFSET
16PP 6 UNIT**

| | |
|--------------------|---|
| cut off/reel width | 630 x 965mm |
| max print area | 618 x 954mm |
| min paper weight | 54g/m ² |
| max paper weight | 130g/m ² (folder) 200g/m ² (sheeter) |
| max speed (iph) | 44,000 (subject to product) |

**M600 WEB-OFFSET
16PP 5 UNIT**

| | |
|--------------------|--------------------------------|
| cut off/reel width | 625 x 965mm |
| max print area | 618 x 954mm |
| min paper weight | 54g/m ² |
| max paper weight | 130g/m ² (folder) |
| max speed (iph) | 60,000 (subject to product) |

SPECIAL FEATURES

- F 44 Folder - tabloid/magazine & digest/delta
- VITS Sheeter Rotocut S - cutting accuracy ±0.4mm
- Re-moist glue unit
- Pattern perf unit
- Autoplate system
- Automatic register system
- Spine glue rotary trim
- GMI closed loop colour control system
- CIP3 prepress interface CPC32

SPECIAL FEATURES

- F 60 Folder - tabloid/magazine & digest/delta
- Autoplate system
- Spine glue rotary trim
- GMI closed loop colour control system
- CIP3 prepress interface CPC32

INLINE FINISHING

To compliment the M600 Web Press, we have a full Scheffer Inline Finishing System, both enhancing the product range and minimising current finishing operations.

Many standard products will be finished without the conventional trimming and folding operations, saving valuable time on critical schedules.

What is Inline Finishing?

Our Inline Finishing System creates Press Finished Products and allows Eclipse to be more price competitive. It also enables us to reduce turnaround times by offering a product that is finished in one operation.

Press Finished Products can save you time and money.

PRODUCT RANGE FROM ECLIPSE

- Trimmed 2pp and folded 4pp
- Roll folds – 6, 8, 10, 12 page products
- Gate fold products
- Spine glued booklets – 8, 10, 12, 16 page booklets
- Stepped edge products
- Multi ribbon / folded products
- Double thickness products / reply cards
- Spot glued products
- Pattern perforated products
- Incorporated envelopes
- Bangtails
- Application forms
- Greater product size variations (Subject to technical limitations)

In addition to all of these products, the following additional processes can be applied at the same time to further enhance the product, depending on the product's end uses.

- Remoist pattern gluing
- Pattern perforating
- Running perforations
- Impact gluing
- Re-peelable gluing

- Remoist Pattern Gluer
- Pattern Perforator
- 1 in 4 out Angle Bar/Compensator Assembly
- Wet Flap Pattern Gluer
- Spine Gluing
- Perforations
- Multiple Plow Stations
- Shear Slitting
- Rotary Cutting

In addition to offering a wider range of products the Inline Finishing System allows us to reduce turnaround times by offering a product that is finished in one operation, thereby enabling us to reduce your costs.

EQUIPMENT SPECIFICATION

Remoist Gluer:

Option for adding Pattern Remoist application for envelopes, reply pieces and stamps etc.

Pattern Perforator:

Offers a solution for producing perforated items such as stamps and coupons etc. Perforation both in web direction and across the web in a variety of custom shapes and sizes.

One in Four out Angle Bar Unit:

One web in on entry with option to slit web in up to four ribbons. Options possible are multi leaved products, nested products and stepped edged products. Multiple stream products possible, therefore increasing number of products possible out of one press revolution.

Wet Flap Gluer:

Option for adding Pattern Gluing, Spot Gluing for products incorporating Return Envelopes, Double Thickness Reply Cards etc.

Plow Towers:

Plow fold web and ribbons using up to five plow stations to produce more sophisticated product formats and size options than conventional press folder. Plow towers can also be equipped for slitting, inline perforating, line gluing and intermittent gluing.

Shear Slitting:

Option for precise and neat trimming for products such as Spine Glued booklets and multi ribbon work etc.

Rotary Cutter:

Designed to accurately cut and deliver fully bleed trimmed or non bleed trimmed products from a continuous web of printed paper. Products can be cut into 2, 3, 4, 5 or 6 around out of a press cut-off length of 630mm. Various sizes for each option possible. Copies delivered in either one or two streams depending on the product design.

Stacker:

Copies laser counted and batched to suit. Finished copies boxed or bulk packed onto pallets. Versions can be intermixed on certain formats for marketing / testing purposes.

GO INSPIRE.
Solutions

GO INSPIRE.
Eclipse



0116 232 17 11



marketing@goinspire.co.uk



www.goinspire.co.uk
www.creativeformats.com



GO INSPIRE. Solutions
147 Scudamore Road, Leicester LE3 1UQ

GO INSPIRE. Eclipse
Unit 4 Kingsthorpe Park, Henson Way, Kettering, Northamptonshire, NN16 8HD

We are social. Follow us on twitter @GoInspireGroup 

