

PLANT LIST

U P D A T E D F E B R U A R Y 2 0 2 3



■ CORPORATE PRINT ■ LARGE FORMAT PRINTING ■ LITHO PRINTING ■ DIGITAL PRINTING ■ SCREEN PRINTING ■ GRAPHIC DESIGN ■ 3D CONSTRUCTIONAL DESIGN ■ 3D MODELLING ■ CAMPAIGN MANAGEMENT ■ DIRECT MAIL ■ POINT OF SALE ■ BANNERS ■ BROCHURES ■ FULFILLMENT AND LOGISTICS ■ ONLINE ORDERING ■ PRINT STORAGE ■ SPECIALIST FINISHES ■ HAND AND MACHINE COLLATION ■ BINDING ■ VEHICLE WRAPS

DESIGN

S E R V I C E S

AGFA DELANO ON-LINE PROOFING SYSTEM

- KEP customers can view and approve proofs from their own business or home, which is convenient when late corrections are necessary.
- Electronic “post-it” notes can be added to proofs
- Colour values and artwork measurements can be checked

FULL SUITE OF DESIGN APPS FOR LITHO, SCREEN, FLEXO PRINT & DIGITAL

- Apple Macs running OSX and Windows Platforms
- Latest version of Adobe Online Creative Suite

STUDIO

S E R V I C E S

AGFA AVALON N36-50 COMPUTER-TO-PLATE SYSTEM

- Full automated thermal plate setter
- Very large format (VLF) for plates up to 2900 x 1350 mm wide
- Maximum throughput level of 68 B1-plates per hour

EPSON STYLUS PRO 9800 DIGITAL PROOFER x2

- Large format digital proofers, handling up to B0 width
- Uses Epson UltraChrome K3 inksets and Epson Mirco Piezo print head technology for precise colours and blending

EPSON STYLUS PRO 9900 DIGITAL PROOFER

- Widest colour scope available with 11-colour Epson UltraChrome HDR pigment inks
- Superb quality with smooth gradations, grain reduction and up to 2880 dpi resolution
- 10-channel Epson TFP print head
- Spineless paper holder, auto nozzle check, 2.5" colour LCD, and inline calibration

AGFA APOGEE X WORKFLOW SYSTEM

- Comprehensive and integrated workflow system
- Control every phase of the production process from a single user interface
- Efficient job management via advanced job tickets

CONTINUED

- PDF trapping and editing via Pitstop
- Page proofing independency
- Linked to Delano Online Proofing

FILE TRANSFER THROUGH FTP SITE ACCESS, WE TRANSFER & EMAIL

- We offer a dedicated bonded 1:1 SDSL line with a 99.9% SLA for high reliability
- Clients are offered a secure individual log on

SMALL FORMAT DIGITAL PRINT

HP INDIGO 7900

- Litho-quality digital machine with precise colour management through HP Professional PANTONE® emulation and ICC profiles printing on to paper and plastic materials up to 400gsm/460 microns including NEW special effects
- 6 ink stations for special and spot-colour capabilities including white ink, fluorescent ink, and digital matte
- Capable of printing on a variety of materials, including canvas, synthetic, lenticular, dark and metalized media

HP INDIGO 1200

- High-quality digital machine with colour matching technology
- Prints up to 29 inches, perfect for packaging prototyping and larger bespoke print
- Up to 7 ink stations

CONTINUED

- Capable of printing on a variety of materials, including coated, uncoated, coloured, and dark paper, paperboard, and plastic
- Print high-impact posters, folders, oversized books, packaging, and more

DUPLO DC646I DIGITAL CUTTER CREASER

- Completes up to 8 slits, 25 cuts and 20 creases in a single pass
- Eliminates white borders and prevents toner from cracking
- 10 - 350 GSM
- Cuts 30 370 X 999.9 mm sheets per minute
- Min Sheet size 120 X 210 mm
- Min finish 48 X 28 mm
- Image shift auto correct
- Automatic set- up
- PC Controller
- PDF Template creator

ASTROJET M1 ENVELOPE PRINTER

- Up to 1600 dpi print quality in full process colour and monochrome
- Prints on plain paper to premium glossy and matte labels and photo paper
- Prints graphics, logos, barcodes
- Up to 9000 envelopes/hour

LARGE FORMAT DIGITAL PRINT

HP SCITEX 11000

- High print speed: up to 127 full-size 1650 x 3200 mm sheets per hour
- High-quality print with 312 HP Scitex HDR300 Print heads
- Dynamic dot size control of multiple drop volumes
- Multi-bed print function for more versatility on smaller sheet sizes
- Capable of printing onto a wide variety of flexible or rigid sheets from 0.1 mm to 25 mm with substrate colour correct: acrylics, foam PVC, PVC sheets, polystyrene, fluted polypropylene, polycarbonate, polyethylene, synthetic paper, foam board, corrugated cardboard and others

ROLAND SOLJET PRO4 XF-640

- Reel to reel feed
- 8-colour configuration with solvent inks
- Produces everything from banners, vehicle wraps, and labels to decals and point-of-purchase displays

MIMAKI SWJ-320

- Maximum print width: 3,200 mm
- 4 Print heads with staggered confirmation for colour accuracy
- Speed 28.7 m per hour at 720 x 600 dpi
- Solvent ink technology
- Roll to roll feed
- Suitable for vinyl, canvas and paper products on the roll

AGFA JETI 3020 TITAN

- 6-colour with white ink facility
- Huge maximum sheet size: 3000 x 2000 mm
- Print speed of up to 212 m2 per hour
- High print quality at true 1200 dpi
- Capable of printing onto materials of up to 50 mm: reinforced vinyl, pressure sensitive vinyl, canvas, fabrics, foam board, corrugated board, lenticular, tile, drywall, glass, sheet metal, paper, wood, and more

LITHO PRINT

S E R V I C E S

ROLAND 900 XXL (LARGE FORMAT)

- Allows our customers to “think big” with one of the largest print size capabilities in the world
- Maximum sheet size of 1300 x 1850 mm with maximum print size of 1290 x 1850 mm
- Five-colour litho printer
- Able to print on the thinnest paper to the thickest carton due to a relatively flat sheet travel path
- UV-controlled inks with gloss or matt varnish
- Computer-controlled ink duct technology
- Off-line colour density control to ISO 12647
- Roland Inline Slitter in delivery

ROLAND R710

- 10-colour perfecting machine, prints on both sides of the sheet in one pass
- B1 paper capabilities: max sheet size of 740 x 1040 mm
- Computer-controlled ink duct technology
- Off-line colour density control to ISO 12647

ROLAND 706 HIPRINT WITH INLINE-COATER

- Uncompromisingly designed to produce the highest print quality from this 6-colour machine
- B1 paper capabilities: max sheet size 740 x 1040 mm
- Substrate thickness range of 0.04 x 1 mm
- InlineCoater gives the option of a matt/gloss effect

CONTINUED

- Computer-controlled ink duct technology
- Off-line colour density control to ISO 12647

THIEME 5000

- High-speed, robust, long-range printing machine with complete machine programmability
- Designed with modern screen printing in mind
- Maximum sheet size of 1550 x 1100 mm on substrates 0.1 to 6 mm
- Both conventional and UV drying facilities

BAUMANN BSW 8-2000

- Precision pile alignment pile turner
- Able to turn sheet sizes up to 1300 x 1850 mms

CARDBOARD ENGINEERING

ESKO ARTIOS CAD VERSION 7.4

- The world's most popular structural design software for packaging
- Curved Creases allows designers to visualize designs with curved creases in the 3D module, adding creativity to the design process
- Allows for simpler identification of glue areas and corresponding targets

LAMINA BLACKLINE 1620

- High-speed sheet-to-sheet laminating of paper and cardboard-to-cardboard, solid and corrugated
- Precision gluing with automatic glue application
- Laminating station with automatic front and side registration system
- Pressure station and stacking table
- Sheet size: 2000 x 1600 mm

FINISHING

S E R V I C E S (1)

KONIGSBERG I-XL 24 WITH I-CUT SOFTWARE

- Precision cutting, creasing, routing, and perforating machine for corrugates, foam, styrene, fabrics and more
- Up to 1680 x 3200 mm

BLACKMAN & WHITE GENESIS V

- Computer Controlled Cutting Machine with Flatbed
- Max cutting speed of 1200mm/second strates up to 50mm
- Up to 3200 x 3000 mm

DIECUT GLOBAL REDLINE

- Semi-automatic cutting and stripping
- Sheet thickness from 0.5mm to 15mm corrugated
- Max sheet size 1500 x 2120 mm
- Up to 2600 s/h

CAUHE HAND FED PLATEN

- Die cutting machine for cutting and creasing
- 1350 x 1950 mm max

CROSLAND HAND FED PLATEN

- Die cutting machine for cutting and creasing
- 1020 x 750 mm max

HEIDELBERG 1

- Cylinder die cutting and creasing machine
- Maximum sheet size of 570 x 820 mm
- Minimum sheet size of 210 x 297 mm

JOHANNISBERG 104 S

- Cylinder die cutting and creasing
- Maximum sheet size of 1040 x 730 mm

WOHLENBERG IC 2100

- Large format guillotine for all materials up to 1850 x 1850 mm
- Custom made for KEP Print Group

WOHLENBERG CUT-TEC 115

- High-speed automated PLC programmable guillotine
- Includes Baumann handling equipment
- Sheets up to 1510 x 1370 mm

POLAR 115

- Fully-programmable guillotine
- Maximum sheet size of 1000 x 1500 mm

FINISHING

SERVICES (2)

POLAR 115 AUTO-CUT

- Maximum Cutting Width - 1150 mm
- Programmable generation via block programming
- Cutting accuracy of 1/100 mm with Polar Positioning System
- Minimum cutting size 20 mm x 40 mm

HORIZON SPF-30S SADDLE STITCHLINER

- Collates, stitches, and cuts finished booklets up to 200 pages
- Cover feeder, collating, loop stitching, three-knife trimming
- Consists of:
Collator VAC-600Hc,
2x Collator VAC-600Hm,
Collator VAC-600Ha,
Stacker ST-40, Accumulator/
Folder ACF-30,
Saddle Stitcher SPF-30S, and
Three-Knife Trimmer HTS-30S

HORIZON AFC 544 AKT

- Multiple folding machine and cross folder
- Maximum sheet size of 1000 x 540 mm

MULLER PRIMA SADDLE STITCHER

- Universal base stations for 8 feeders and landscape cover feeder
- Loop stitching, three knife trimming, and four stitching heads

RENZ AUTOBIND 500HS

- Industrial, high-speed semi-automatic ring wire binding machine for books, calendars, and skip binding
- Binds up to 230 sheets

ROBOPAC ATHENA COMBI 5545

- Automatic shrink wrapping machine

ROBOPAC ARIANE

- Small package shrink wrapping machine
- Suits up to 210 x 297 mm

MBO FOLDING MACHINES - TWO

- From 4 to 64 pages
- Finish size between A5 and A2

WORSLEY-BREHMER STAB STITCHER

- Single-head stitching machine for books

FINISHING

S E R V I C E S (3)

ENIMAC X-TREME PRO

- Wide format automatic adhesive tape application system
- Applies tape to a variety of substrates, including paper and PVC
- 15-50 m/min

ENIMAC XT PRO TAPING SYSTEM

- Automatic wide format tape application
- Max product width 1600 mm
- 3 tape applicator heads
- Product thickness up to 15 mm

FOLIANT POLLUX 760SF

- Fully automatic high-volume laminating system
- Up to 50m/min

BICKERS XY GLUEJET TABLE

- Lamina automated hot melt glue and tape applicator
- Fits sheets up to 1700 x 2500 mm

AUTOBOX BOX MAKER 1000

- Automatically folds boxes of all grades of single wall corrugated and up to 440AA double wall material

IRAM 12 PAPER DRILL

- 4 drill heads for hole punching for binders
- Drill hole size from 3 to 12 mm

HAND FINISHING

SERVICES

There are many print finishing jobs that still must be done by hand. We offer the following hand finishing services by professionals of the highest quality: KEP customers can view and approve proofs from their own business or home, which is convenient when late corrections are necessary.

- **Folding**
- **Collating**
- **Gluing**
- **Inserting**

FULFILLMENT

SERVICES

We also recognize the need for us to streamline design-to-delivery services, so we offer the following:

- Mailing fulfillment services
- Polywrapping and addressing
- UK postal services
- Data management
- Print management
- Pick and pack operation
- Distribution

BRAND MANAGEMENT TECHNOLOGY

BRAND IQ WORKFLOW

- Creative workflow with approval & project timings for all to follow in one simple view. Ensuring you have full control of all campaigns and projects joining up departments and colleagues with tasks that need to be achieved within a time line and automated updates on progress and approval in real time.
- Access to all projects in real time
- Allow 3rd party access to show projects so far and for suppliers to be able to download digital assets
- On-line Proofing and Annotation
- The system also automatically renders digital assets for the media it is intended for i.e. Print, Digital, Web or Social media and send it on-line where it needs to go.

BRAND IQ MANAGEMENT

- **Brand Management** – All digital content in one place including web & social media.
- **Brand Access & Control** – Control who has access with ease. Assets can be visible based on user location, organisation, user group, department or role leaving you totally in control.
- **Artwork Creation** – Increase creative output without the need for more designers. With the use of templates, empower anyone in your organisation to create content safe in the knowledge that your brand is protected and on-brand.
- **Digital Asset Management** – All your assets in one place and accessible on-line. Logos, videos, brand collateral - centrally stored and categorised your digital assets as you like. Find assets at speed with a quick search functionality, AI tagging and key word search.
- Access to all projects in real time
- On-line Store

PAGE-FLEX STORE-FRONT WEB2PRINT

- Print requirements are controlled and managed online, saving time and cost for our clients
- Secure and easy to use, allowing full control of creative input and brand control