



Equipment List, Facilities & Services

Sandy Alexander is one of the country's largest and most respected full service graphic communication companies. We provide our customers with extensive web and sheet fed printing capabilities; in-line finishing and ink jet imaging; digital and 1-to-1 marketing solutions; flexo label printing; all complemented by a wide array of digital and electronic media services.

Our commitment to providing quality and environmentally responsible print solutions is evidenced by our ISO 9001:2000 and ISO 14001:2004 certification. In addition, we are FSC (Forest Stewardship Council) Chain-of-Custody certified, purchase 100% of our electricity requirements from renewable wind power, and are Green-E certified and a partner of the Environmental Protection Agency's Climate Leaders program.

Over the past four decades, Sandy Alexander has served the corporate communication, cosmetic, pharmaceutical, automotive, graphic design, advertising, and promotion industries. We have consistently been recognized for our technical expertise, an innovative approach to our business, and a desire to work as partners with our clients. This commitment has earned us a reputation for maintaining the highest standards of excellence in the industry.

Sandy Alexander can provide you with one single resource for all your graphic communication needs.

Manufacturing Facilities

Clifton, NJ
Fairfield, NJ
Staten Island, NY
St. Petersburg, FL

Sales Offices

Atlanta, GA
Chicago, IL
Charlotte, NC
Detroit, MI
New York, NY
Philadelphia, PA
Princeton, NJ
Raleigh, NC

Electronic Pre-Press & Color Separation Department

RIP Stations

Artwork Systems Nexus
Processor & Rip running on
Proactive Server Dual 3.06Ghz
Zeon Processors with 4GB ram
running on Windows 2003
Server (7)

Kodak/CREO Brisque4 Impose
Super DFE RIP stations with 4
Power PC G3 processors for
Symmetrical multiprocessing
running on an IBM RS6000
model F50 with 1GB ram (2)

Artwork Systems Nexus
WebWay import/processor,
including email notification,
file viewing, preflight with
annotations, job submission and
approval.

Servers

Apple Xserve G5. Rack-
optimized server with dual
2.3GHz G5 processors (4)
Xserve RAID. Storage in a
rack-optimized enclosure
4.4TB with high-performance

architecture. Overland Loader
Express LTO jukebox. (2)

Hewlett Packard Procurve
Gigabit Ethernet networking

Powerware Prestige UPS –
System

APC SmartUPS – Systems (3)

Gretag Macbeth Profilemaker
color management software.

X-Rite/Monaco color
management software

Gretag Macbeth Spectroscan
T/Spectrolino
Spectrophotometer

Gretag Macbeth iCColor
Spectrophotometer

Gretag Macbeth EYE ONE
Spectrophotometers (2)

X-Rite DTP-41
spectrophotometers (3)

X-Rite 530 spectrodensitometer

Techkon Spectro Dens Spectro-
Densitometer

ICG 365 Vertical Drum
Scanner

Epson Expression 10000XL
Flatbed Scanner

Apple G4 Power Mac (13)
Apple G5 Power Mac (11)
Each Mac has a full suite of
desktop applications as well as
specialized post rip
Kodak/CREO/Scitex and
Artwork Systems applications
and tools. Each Mac has a Eizo
calibrated profiled monitor

Belkin Uninterruptible Power
Supply System for each
workstation with power
conditioner

Offsite storage for archived
media

FTP server

Pre-Press Proofing Systems

KODAK/CREO/SCITEX 43” wide IRIS ink jet
proofers (4)

Fujifilm Finalproof GXT Digital Halftone Proofing
System 21” x 31” (2)

Kodak/CREO Veris inkjet proofer

Canon/Impoproof high speed 2-sided imposition
color ink jet proofer 32’ x 42”

Prep & Platemaking Equipment

KODAK/CREO Trendsetter 800 II Quantum Spectrum

KODAK/CREO Trendsetter 800 II Quantum

ArtWork Systems Nexus Sig Servers (4)

Advanced screening solutions including: Moiré-free premium screening, high performance *Organic* stochastic screening and *concentric* ring screening

KODAK/CREO 3rd party interfaces (2)

MAC G5 workstations (4)

Ternes Register System of CTP

Kodak Quartz 1250 CTP Plate Processors (2)

Quality Assurance

ISO 9001:2000 Certified

ISO 14001: 2004 Certified

FSC Certified

QTI's CCS with Instrument Flight fully closed loop color management and diagnostic system.

Temperature and humidity controlled pressroom, pre-press and CTP departments

Color viewing rooms

EFI AutoCount

Pressroom, pre-press, and bindery quality assurance supervisory personnel

5000° K color viewing stations throughout plant

UPC code scanners

Proof and plate quality control inspections

Plate measuring device Techkon SpectroPlate

MagSert advertising insert database and custom logistics control

Computerized inventory and shipping control system to expedite and locate shipments

All presses are equipped with hand held Techkon Spectro Dens Spectro-Densitometers and Gretag densitometers

Client Desktop Lab

Sandy Alexander maintains a fully equipped client desktop lab for private customer use. Clients have direct access to 2 Mac workstations with all commercially available applications, an Epson 4000 2 page + bleed printer, and a dedicated link to our pre-press servers in order to work on live files.

Web Pressroom

MAN-Roland Rotoman 2001:

6 colors - 38" width, 23 9/16" cutoff, System Brunner® Instrument Flight* semi closed-loop color control system, PECOM process management system, computerized plate scanner, remote ink control system, computerized register controls, pattern perforator, scoring attachment, pattern gluer, *rotocut* Vits sheeter, combination folder.

MAN-Roland Rotoman 2002:
6 colors - 38" width, 23 9/16" cutoff, QTI's CCS with Instrument Flight full closed-loop color control system incorporated directly into twin ink control consoles, in-line UV lamination, PECOM process management system, fully automated plate hanging system, computerized plate scanner, remote ink control system, computerized register controls, pattern perforator, scoring attachment, *rotocut* Vits sheeter, Baldwin pre-folder and MAN-Roland combination folder with pinless 4 and 8 page folding module, Gämmerler trimmer.

MAN-Roland Rotoman 2003:
8 colors - 38" width, 23 9/16" cutoff, QTI's CCS with Instrument Flight full closed-loop color control system incorporated directly into twin ink control consoles, in-line UV lamination, PECOM process management system, fully automated plate hanging system, computerized plate scanner, remote ink control system, computerized register controls, pattern perforator, scoring attachment, *rotocut* Vits sheeter, Scheffer pre-folder and MAN-Roland combination folder with pinless 4 and 8 page folding module, Gämmerler trimmer.

Sheet fed Pressroom

Heidelberg CD 102 28" x 40"
8-color presses with interdeck UV drying and UV coating. Aqueous tower coater and extended delivery. Advanced color management technology featuring CPC2000 console, fully automated auto-plate technology, and networked spectrophotometer CPC21 diagnostic system (2)

Heidelberg CD 102-8+LX 28" x 40"
8-color press with aqueous tower coater and extended delivery. Advanced color management technology featuring Prinect CP2000 console, fully automated auto-plate technology, and networked spectrophotometer CPC21 diagnostic system

Heidelberg Post Drupa High Speed Speedmaster 102 28" x 40" 8-color press

Heidelberg CPC 2/S semi closed-loop diagnostic system with spectrophotometers

Automatic plate scanners

Vacuomatic automatic flagging/counting machines

In-house ink manufacturing department operating 24 hours, 7 days.

Finishing Department

Computerized cutting machines (2)

Jogging machines with air removal rollers and on sheet counting scales (2)

12 head drilling machine

2 scoring and perforating machines

5 pocket + cover Mueller high speed computerized stitcher with 4 and 5 knife trimmer

5 pocket + cover Mueller stitcher with 4 and 5 knife trimmer

High speed folding machines (45") with crushing units and right angle section split guides included (5)

Fully and semi automatic shrink machines with tunnels (3)

Tabbing machines, auto paper bander, security shredding and compacting equipment

Hand stitchers with 4 heads (2)

Hot melt fugitive glue unit

SA - Florida

Sandy Alexander operates one of the highest quality in-line finishing web printing organizations, located in St. Petersburg, Florida. Our facility is one of the most modern and efficient operations available for producing an in-line finished product, certified to the ISO 9001:2000, ISO 14001:2004 and FSC standards, and is dedicated to serving the direct mail and general commercial markets. Our staff is unsurpassed in their knowledge of current print technology, and is dedicated to assisting customers in the design of direct mail projects and the production of all their printing needs.

Pre-press

Electronic Pre-Press & Color Separation Department

Artwork Systems Nexus Processor & RIP with 4GB RAM running on Windows 2003 Server (2)

Kodak/CREO Brisque Impose RIP station with 1GB RAM (2)

Apple Xserve G5. Rack-optimized server with dual 2.3GHz G5 processors. Xserve RAID. Storage in a rack-optimized enclosure 3.5TB with high-performance architecture.

Qualstar Teraloader LTO jukebox

Gigabit Ethernet networking. Linksys SRW2048 48-port Gigabit Switch.

APC Matrix 3000 UPS System

APC Smart 3000 UPS System (2)

Gretag Macbeth Profilemaker color management software.

X-Rite/Monaco color management software

X-Rite Intellitrac ICC spectrodensitometer

Greytag Macbeth iCColor 210 Spectrophotometer

Eye-One Pro XT Spectrophotometer

X-Rite 520 Spectrodensitometer

Gretag D182 densitometers (2)

Gretag D186 densitometers

Apple G5 Macintosh with dual 2.3GHz G5 processors and 8GB RAM (2) - Each Mac has a full suite of desktop applications as well as specialized post rip Artworks Systems and Kodak/CREO/Scitex applications and tools. Additionally, each workstation has an EIZO calibrated/profiled monitor and is protected by an APC Uninterruptible Power Supply with power conditioner.

Offsite storage for disaster-recovery and archived media

FTP site running on Windows 2003 Server

Pre-Press Proofing Systems

Fujifilm Finalproof GXT Digital Halftone Proofing System

Kodak Digital Matchprint Proofing System

Epson Stylus Pro 4800 Ink Jet printer w/K3 ultrachrome ink

Epson Stylus Pro 9600 Ink Jet printer w/ultrachrome ink

CTP Platemaking Equipment

Kodak/CREO Trendsetter 800 II Quantum Spectrum

Kodak/CREO Trendsetter 800 II Quantum

Kodak/CREO Print Console workstations (2)

BETA Ultra Dottie CTP high-resolution CMOS dot analyzer

Pressroom

Heidelberg/Harris M600 - 7 Unit
14 Color heatset web press: 38" maximum width, with a 22-3/4" cutoff. Delivery capabilities include sheeter, and finishing line.

Heidelberg/Harris M600 - 6 Unit
12 Color heatset web press: 38" maximum width, with a 22-3/4" cutoff. Delivery capabilities include sheeter and finishing line.

Heidelberg/Harris M110 - 6 Unit
12 Color heatset web press: 26-1/2" maximum width, with a 17-3/4" cutoff. Delivery capabilities include sheeter, finishing line.

Ryobi Duplicators (2) - For off line imprinting; one imprints

single side; one is capable of imprinting two sides in one pass.

Following is a list of the various in-line finishing capabilities:

- **Pattern Gluer** - For pattern glue and scratch-off material on both sides of the web.
- **Die-Cut Unit** - For windows, special effects, contours, flaps, integrated labels.
- **Ribbon Deck** - Up to (5) ribbons from one web. Can be stacked in any sequence, and can turn over.

- **Pocket Gluer Folder** - For gluing and forming two envelopes.
- **Portable Glue Unit** - Can be placed in any of four folding stations for special applications.
- **Folding Stations** - Can fold up or down, from 1" to 18". (4-M110; 4-M600)
- **Hot Melt Gluing** - Located anywhere in finishing line for

spot glue, fugitive glue or special applications.

- **Rotary Cutter** - For odd shaped cuts and special effects. Minimum cutoff size is 4-1/4".
- **Pattern Perforator** - For special effects, M600 only.
- **Scenting** - Wide variety of in line scenting application combined with in-house perfume lab.

Finishing Department

Our bindery offers cutting, folding, and packing capabilities. Following is a list of the bindery equipment and services offered:

MBO Hi-Speed Folder, 19" x 26"

MBO Hi-Speed Folder, 23" x 35"

Polar 115 Cutter, 45-1/4"

Belco Shrink Wrap Tunnel, single copy and bundles

In house mailing services

Ink-Jet Imaging

We offer in-house ink-jet imaging capabilities to complement the production of printed material for the direct mail market. Ink-jet personalization can be incorporated as an in-line or off line process. Our ink-jet equipment can support as many as nine heads for multiple imaging locations on a single piece utilizing a combination of 1-1/16" and 4-1/4" heads. Specific customization options include: address block, personalized messages, graphics, numbering and bar coding. Following is a list of our ink-jet imaging equipment:

(1) S220 and (2) S400 Controllers – These controllers are capable of driving multiple head configurations and can be used for both in-line and off line applications

Scitex 5240 – 1-1/16" print head. Prints 240 dpi resolution.

Scitex 6240 4 -1/4" Print head. Prints 240 dpi resolution.

Ink-Jet Heads -

- 1-1/16" heads (1 @ 240 DPI)
- 4-1/4" heads (10 @ 240 DPI.)

Preferred Data Format -

- ASCII Fixed Field

Electronic Media -

- Floppy Disks (PC)
- CD-ROM
- FTP
- Internet
- 100 MB ZIP Disk
- 1 GB JAZ Disk

Digital Printing & Variable Data Imaging

eSandy Alexander is our high quality digital printing division, located in Fairfield, NJ. This facility is one of the most modern and efficient operations specializing in offset quality digital print. Our staff is unsurpassed in their knowledge of current Web-to-Print and Digital Print Technology, and is well known for assisting customers from design questions on digital print projects to final mailing requirements.

Short Run Digital Printing, Variable Data Imaging and custom Web-to-Print Projects.

Web to Print & Variable Data Programs

- Printables System
- Darwin by Kodak/CREO
- Printshop Mail

Digital Printing

- 2 - Xerox i-Gen3 (14" x 20")
- 2 - Xerox DocuColor 250
- Xerox 2101 High Speed B/W with Interposer

Wide Format Poster Output

- HP Designjet 5500 6-color Wide Format (60") Inkjet Plotter

Finishing

- Duplo 5000 Intelligent Collater / Saddle Stitcher with trimmer
- Short Run Perfect Binder System
- Challenge 20 Programmable Cutter
- Baum 31" Programmable Cutter
- 2 Rhino 14" Wiro Binding Systems
- Rosback Perforator/Scorer
- Seal Laminator 60"
- Shrink Wrapping System
- Ultra Pad Padding Press
- Morgana Digi Folder
- Baum Folder
- Rosback Three Head Drill

Computer Processing

- G-5 Macintosh Computers (5)
- Pentium 4 Production PC (3)
- Apple X Raid Server 1.7 TB
- Complete Font and Program Library
- EZ File Upload System

Specialty Label Printing

Federal Label Systems is Sandy Alexander's specialty narrow web flexo printing division. FLS specializes in on-pack coupons, extended text labels, promotional labels and game cards. FLS is a leading provider to consumer goods based industries including, food, HBA, pharmaceuticals, and fragrance, as well as the direct mail industry.

- Mark Andy 12-color 10" Web with 2 UV stations with video monitor
- Mark Andy 8-color 10" Web with UV station
- Webtron 5-color 6 1/2" Web
- Arpeco 16" Tracker III Slitter/Rewinder/Inspector
- Arpeco 10" Tracker I Slitter/Rewinder/Inspector
- All presses have folding capability

Specialty Format Printing

Sandy Alexander and Print Communications Group have formed a strategic partnership to provide our clients with a variety of unique capabilities:

- Heidelberg CD102X+L – 6 colors, aqueous coating. Maximum sheet size 28" x 40" (2)
- Heidelberg GTOF – 6 colors, aqueous coating and perfecting capabilities. Maximum sheet size 14" x 20"
- Heidelberg SM 52 – 6 colors, aqueous coating and perfecting capabilities. Maximum sheet size 14" x 20"
- AB Dick 9850 – 2 colors, maximum sheet size 11" x 17"