

Sandy Alexander

Equipment List

Equipment List, Facilities & Services

Sales Offices

Chicago, IL,
Charlotte, NC
Detroit, MI
New York, NY,
Cherry Hill, NJ
St Petersburg, FL
Dallas, TX

Manufacturing

Facilities
Clifton, NJ
St. Petersburg, FL

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 sheetfed printing capabilities; in-line finishing and ink jet imaging; digital and 1-to-1 marketing solutions; wide & grand format printing; 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 9001:2008 and ISO 14001:2004 certification. In addition, we are FSC (Forest Stewardship Council), PEFC (Programme for the Endorsement of Forest Certification) and SFI (Sustainable Forestry Initiative) Chain-of-Custody certified, we purchase 100% of our electricity requirements from renewable wind power, and are 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.

Sandy Alexander - Clifton, NJ

Electronic Prepress & Color Separation Department

RIP Stations

EskoArtwork Systems Nexus Processors & Rips running on Proactive Servers with Dual 3.06Ghz Zeon Processors and 6GB ram (7)B ram (7)

Servers

Apple Xserve Dual-Core Intel Xeon Rack Optimized server with Promise 6tb raid. Overland Loader Express LTO jukebox. (2)Hewlett Packard Procurve Gigabit Ethernet networking Switch (2)

- APC SmartUPS – Systems (3)
- X-Rite Profilemaker color managementsoftware.
- X-Rite/Monaco Profiler color management software
- Gretag Macbeth Spectroscan
- T/Spectrolino Spectrophotometer
- Gretag Macbeth iCColor Spectrophotometer
- X-Rite Isis Spectrophotometer
- X-Rite EYE ONE Spectrophotometers (2)
- X-Rite DTP-41 spectrophotometers (2)
- X-Rite 530 spectrodensitometer
- Techkon Spectro Dens Spectro-Densitometer
- ICG 365 Vertical Drum Scanner
- Epson Expression 10000XL Flatbed Scanner
- Apple Macintosh Computers (20)

- Each Mac has a full suite of desktop applications as well as specialized EskoArtwork System applications and tools. Each Mac has an Eizo calibrated profiled monitor
- Belkin / APC Uninterruptible Power Supply System for each workstation with power conditioner
- Offsite storage for archived media
- FTP server

Prepress Proofing Systems

- Fujifilm Finalproof GXT Digital Halftone Proofing System 21" x 31" (2)
- GMG Colorproof Server / Epson Stylus Pro 9900 contract proofing system (2)
- Integrated Color Solutions (ICS) Remote Director Monitor proofing
- Canon/Impoproof high speed 2-sided imposition color ink jet proofer 32' x 42"
- Epson 9880 Inkjet Printers (2)
- Ricoh Aficio High Speed Color Copier / Printer 5560



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Prep & Platemaking Equipment

- Kodak Trendsetter 800 II Quantum Spectrum
- Kodak Trendsetter 800 II Quantum
- EskoArtWork Systems Nexus Sig Servers (4)
- Advanced screening solutions including: Moiré-free premium screening, high performance Organic stochastic screening and concentric ring screening
- Kodak 3rd party interfaces (2)
- MAC workstations (4)
- Ternes Register System of CTP
- Kodak Quartz 1250 CTP Plate Processors (2)

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 Prepress servers in order to work on live files.



Quality Assurance

- ISO 9001:2008 Certified
- QTI's CCS with Instrument Flight fully closed loop color management and diagnostic system.
- Temperature and humidity controlled pressroom, Prepress and CTP departments
- Color viewing rooms
- EFI AutoCount
- Pressroom, Prepress, 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

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Web Pressroom

manroland 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.

manroland Rotoman 2002

6 colors - 38" width, 23 9/16" cut-off, 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 manroland combination folder with pinless 4 and 8 page folding module, Gämmerler trimmer.

manroland Rotoman 2003

8 colors - 38" width, 23 9/16" cut-off, 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 manroland combination folder with pinless 4 and 8 page folding module, Gämmerler trimmers.

The manroland Rotoman 2002 and 2003 include a Planatol fully computerized gluing system with 9 heads and 2 water softeners.



Sheetfed Pressroom

manroland 2010 R700

Direct Drive 28" x 40"

6-color press with aqueous coater with electronic direct drive plate changes and on-the-fly print length adjustments. Advanced color management technology featuring In-Line Color Pilot and Brunner Instrument Flight System. Quick change color and APL (automatic plate change system) provide the fastest make-ready in the industry providing increased capacity and improved productivity.

Heidelberg CD 105 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 104-8+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

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

Sandy Alexander - continued

Finishing Department

- Computerized cutting machines (2)
- Bell and Howell Mailstar 450 – 6 station Inserter (2)
- Jogging machines with air removal rollers and on sheet counting scales (2)
- 6 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
- Lake Imaging Intergravisision System (2 pocket Camera System)
- Bobst Diecutter 102SE
- Dick Moll Folder/Gluer with final fold.
- High speed folding machines (30") with crushing units and right angle section split guides included (5)
- Fully and semi automatic shrink machines with tunnels (3)
- Tabbng machines, auto paper bander, security shredding and compacting equipment
- Hand stitchers with 2 heads (2)
- Hot melt fugitive glue unit
- Horizon BQ270 Automated Perfect Binding System
- RCS20 UVAL- UV Coater



eSA Solutions - Clifton, NJ

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

eSA Solutions is our high quality digital printing division, located in Clifton, 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.

Variable Data/Web to Print /Mailing Software

- XM Pie Suite: Create/Uproduce/Uimage/
Uplan Smart Stream/Yours Truly
- Printable/Fusion Pro
- Creo Darwin
- Printshop Mail

Digital Printing

- HP Indigo 7000
(2-Seven Color Presses)
- Xerox i-Gen3 (14" x 20")
- 2 - Xerox DocuColor 240/250



Finishing

- Horizon BQ270 Automated Perfect Binding System
- Unibind XU138 Photobook Hard Cover Binding System
- Duplo System 5000 Collating & Bookletmaking System
- Duplo DSF-2000 Document Sheet Feeder
- RCS20 UVAL- UV Coater
- Kompac 20" UV coating press
- Iron HT 400 Presses (4)
- Formax Inserta
- Baumfolder
- Morgana Digifold
- Morgana Autocreaser 50's (2)
- Rhino HD 7000 Wire-O Punch System (2)
- Wiro Binding
- Bobst Diecutter 102SE
- Dick Moll Folder/Gluer with final fold.
- Ultra Pad Padding Press
- Shrink Wrapping System
- Rosback Perforator/Scorer
- Bell and Howell Mailstar 450 6 station Inserter (2)
- Lake Imaging Intergravisision System (2 pocket Camera System)
- HP Inline High Speed Monochrome inkjet
- Challenge Titan 200 paper cutter

Computer Processing

- MAC workstations (6)
- Apple X Raid Server 1.7 TB
- Complete Font and Program Library
- EZ File Upload System
- Web Based Online Proofing System

SandyWide - Clifton, NJ

Out-of-Home Wide & Grand Format Printing

SandyWide is Sandy Alexander's newest division. Specializing in Out-Of-Home advertising, SandyWide provides the most advanced wide & grand format printing equipment in the country. Sandy Alexander's wide and grand format offerings include: stadium banners, vehicle wraps, billboards, retail signage, transit graphics, event and tradeshow graphics, pole banners and more, all of which are available in a multitude of substrates.

Printing Equipment

Durst 320

- High volume/High quality
10' roll to roll machine
- Prints at 600 DPI
- 6/C + white

Durst 500

- High volume/High quality
16' roll to roll machine
- Prints at 600 DPI
- 6/C + white + 6/C
- Can run 1 large roll or multiple small rolls with individual job queues

Durst 900

- High volume/High quality
8.5' flatbed or roll to roll machine
- can run rigid substrates up to
2" thick or rolls of material
- 600 DPI
- 6/C + white + 6/C
- Fully automated feed table for
continuous feed of rigid material

Lambda 130 plus

- 2 units that are digital photographic enlargers. They produce high quality continuous tone RGB images on light sensitive photographic material. They can output images at either 200 or 400 LPI. Can produce prints that are 50 inches wide by the length of the roll of material (164').

Lightjet 5000XL

- Same characteristics as the Lambda, but can produce prints that are 72" wide by 120" in length. The output resolution of this unit is either 200 or 300 LPI. It is also continuous tone so it gives you a smoother image than inkjet.

Finishing Equipment

AGL 64" and 80" laminators

- These machines do mounting, laminating and encapsulation. They have heated top and bottom rollers in order to do hot lamination. Can mount to various substrates up to 2" thick.

Fotobo X/Y Cutters

- These machines are fully automated and do accurate X/Y cutting of the roll material that is printed on the Durst Printers with proprietary registration marks.

Durst XY Cutters

- There are 3 units which allow us to fully auto cut prints as small as 5" X 5" and up to prints that are 48" X 96".

70' Miller Weldmaster with Inline Grommet machine

- Hot air welder for finishing of vinyl banners and billboards. In line grommet machine allows for simultaneous welding and grommeting.

35' FIAB 800

- RF Welder for finishing or vinyl banners, billboards and select fabrics.

SandyDirect - St. Petersburg, Florida

Sandy Direct is a high quality in-line finishing web printer located in St. Petersburg, Florida. Our facility is one of the most modern and efficient operations available for producing an in-line finished product and serves the direct mail and general commercial markets. The staff at Sandy Direct 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.

Electronic Prepress

- Artwork Systems Nexus Processor & RIP with 4GB RAM running on Windows 2003 Server (2)
- Apple Xserve G5. Rack-optimized server with dual 2.3GHz G5 processors. Xserve RAID. Storage in a rack-optimized enclosure 7.0TB 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.
- Idea Link Curve Software.
- X-Rite/Monaco color management software
- X-Rite Intellitrix ICC spectrodensitometer
- Eye – One iSis 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 (3) -

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

Prepress Proofing Systems

- Epson Stylus Pro 9900 Ink Jet printer w/ ultrachrome HDR inks
- Epson Stylus Pro 4800 Ink Jet printer w/K3 ultrachrome ink
- Epson Stylus Pro 9880 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

SandyDirect - continued

Pressroom

Heidelberg/Harris M600 (A)- 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 (B) - 6 Unit 12
Color heatset web press: 38” maximum
width, with a 22-3/4” cutoff. Delivery
capabilities include 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.

In-line finishing capabilities:

- **Pattern Gluer** - For pattern glue and scratch-off material. M600 (A) can apply 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”. M110 (4); M600A (5) M600B (7).
- **Hot Melt Gluing** - Located anywhere in finishing line for fugitive or permanent glue
- **Rotary Cutter** - For odd shaped cuts and special effects. Minimum cutoff size is 4-1/4”.
- **Pattern Perforator** - For special effects, M600’s only.
- **One Step Mailer Equipment**
- **WEB Ink Jet Towers**
- **Scenting** - Wide variety of in line scenting application combined with in-house perfume lab.
- **In house mailing services**

SandyDirect - continued

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 ten 4.25 inch heads for multiple imaging locations on a single piece. Specific customization options include: personalized messages, maps, logos, PURLs, barcodes, numbering and addressing requirements.

Following is a list of our ink-jet imaging equipment: (1) S220, (2) S400 Controllers and (1) S-130 roll up Data Station

These controllers are capable of driving multiple head configurations and can be used for both in-line and off-line applications.

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

Ink-Jet Heads

- 4-1/4" heads (17 @ 240 DPI.)

Preferred Data Format -
ASCII Fixed Field

If you are interested in additional information, please request one of the highlighted brochures. Contact your Sandy Alexander Sales Representative or go to our website www.sandyinc.com or call 973 470-8100

Concentric Screening - *Advanced Color & Detail*

Green-By Design - *Environmental Summary*

Greenwashing - *Primer & Glossary*

One-to-One Marketing - *Variable Data Printing*

Sandy Direct - *Direct Mail & AD Inserts*

eSA Solutions - *Digital Marketing*

Sandy Wide - *Out-of-Home Wide & Grand Format Printing*

Special Effects - *S³ & Soft Touch*

S³ Technology - *Metallic Hues*

Sustainability Report - *Transparency & Additionality*

USPS Case Study - *One-to-One Marketing*

Web-to-Print - *Brand Equity & Speed to Market*

PDF Workflow - *DAM & Soft Proofing*

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of forest resources

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Sandy Alexander
100% wind energy