

Equipment Specifications & Capabilities Summary



IN THE SPOTLIGHT...

FSC certified

Prepress

Printing

Turn-key direct mail production

Data programming/
list hygiene services

Data and physical security

Postal optimization

Full Service
Intelligent Mail® Barcode

Hand assembly

 JOHNSON & QUIN, INC.

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www.j-quin.com

Plant

- 104,000 square feet, single level facility
- Three large shipping and receiving docks capable of handling over-the-road trailers
- 22,000 square foot warehouse

Prepress

• Hardware

- Prepress Proactive Technologies File Server
 - 1 TB hard drive working space
 - Level 6 RAID file utilization
 - LTO 4 disk drive (800 GB capacity)
 - Retrospect backup and archiving software
- Prepress Workstations
 - Macintosh G5- 2 x 2.6 Ghz Quad core Intel Xeon 16 GB 1066 MHz DDR3 SDRAM
 - Macintosh G5- 4 x 2.5 Ghz PowerPC G5; 3.5 GB DDR2 SDRAM
 - Macintosh G5- 2 x 1.8 Ghz PowerPC G5; 2.5 GB DDR2 SDRAM
 - Dell Power Edge 1800 Dual 2.8 Ghz; 2 GB

• RIPS

- Proactive Technologies Dual Socket Duo Core Server
 - Running Screen's Trueflow Workflow
- LaCrosse Litho Pro Tech Server Platform (PC)
 - Running GMG Color Management System

• Output Devices

- HP Designjet 500 Plotter
- Epson Stylus 4000 Proofer
- Fuji Dart 4300 E Thermal Computer to Plate

• Software

- Adobe CS5 Design Premium
- Stuffit Deluxe
- QuarkXpress
- ColorShopX
- FlightCheck Professional
- Fetch
- Microsoft Office
- Genuine Fractals
- Pulse ColorElite (Monitor Profiling)

• Quality Control Tools

- X-Rite Pulse ColorElite Spectrophotometer (DTP-20UV)
 - Measures color
- Color QC Lite – Proof Verification System
 - Ensures color of output devices is consistent through the use of a color target
- Gretagmacbeth DensiEye Densitometer
- SPC for MS Excel
 - A Statistical Process Control Suite that is used through MS Excel
- Intelligent Mail Bar Code® Verifier Plus Scanner

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SW-COC-003495

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(continued)



Presses

- **Didde VIP 20 1/2" x Variable Insert Web Press**
 - 14", 22" and 24" repeats
 - 8 units (4 units on 24")
 - Maximum image size 20" x 23 5/8"
 - UV drying, perfining
 - Sheeter, fanfolder and roll rewinder
 - Consecutive Numbering
- **Didde 20 1/2" x 22" Model 860 Web Press**
 - 10 units
 - Maximum image size 20" x 21 5/8"
 - UV drying, 2 perf units, pattern perfining
 - Roll to roll rewinder
 - Consecutive Numbering

Computer Systems

- **Hagen OA**
 - Provides effective information management to every aspect of business including accounting, estimating, job management, data access, scheduling, purchasing, mailing, inventory and fulfillment. The enterprise solution caters to technology-driven businesses requiring scalable, globally optimized Print Management systems to handle multi-departments, capabilities and services.
- **Production & Network Protection**
 - 24kVA UPS (Uninterrupted Power Supply)
- **Internet**
 - High-speed access via T1, 3 connectivity
 - Cisco ASA Firewall Protection
 - Active DMZ and Secure Zones
- **Production**
 - Multiple IBM RISC6000 P630
 - AIX Operating System
 - Business objects / First Logic
 - GMC Printnet
 - SYNCSORT Data Utility
 - Relational Database Management
 - Perl Open Source Language
 - Solimar Print Queue Managers for high-speed printing
 - Production backup system: IBM LTO Ultrium 100 GB Tape Storage System
- **DASD - SCSI, SSA and IDE-Attached disk drives**
 - Currently 1 Terabyte available storage

Computer Systems (continued)

- **LAN**
 - Windows Server
 - Fast Ethernet/Gigabit Ethernet
 - TCP/IP protocol
 - Cisco Switches & Routers
 - Remote Services
 - VPN (Virtual Private Network)
- **Data Transmission**
 - Secure FTP, FTP, VPN (employee), email attachments (with encryption)
- **Electronic Proofing**
 - JQ-Proof, a web-based proofing system for personalization sign-offs
- **Image Services Workbench**
 - Windows, Wordperfect, IBM AFP Workbench (including Font Lab and Type Transformer), Adobe Illustrator, Adobe Type Manager, Adobe Photo Shop, Quark Express Word, and WordPerfect.

Personalization

- **(4) IBM InfoPrint 4100 Laser Wide Advance Function continuous printers**, with simplex and duplex capabilities, 600 dpi, inherent MICR and roll-to-roll system. 18" width
- **Canon Image Runner 125 VP** cutsheet printer capability, 600 dpi, MICR capable 7"x 8.5" to 14"x 18.25" sheet size
- **Canon Image Runner 110** cutsheet printer capability, 600 dpi, MICR capable 8.5"x 11" to 14"x 17" sheet size

- **MCS Ink Jet Pro** with one 4" head and one 2" head. Color inks available
- **Secap V-Jet High Speed Ink Jet** with two 1.1" heads. Color inks available
- **Wave Jet Ink Jet Imaging system** with two 1.5" heads
- **Ikon CPP550/650 Digital Press**
 - Max paper size 13" x 19.2"
 - B/W and color
 - 24# Text to 12pt
 - Simplex and duplex
 - Short run and variable color
- **RDM MICR Qualifier GT** (for MICR verification)

Bindery

- **Lawson Pacemaker Cutter – 52"**
- **Lawson Pacemaker Cutter – 60"**
- **(4) Spedo continuous form cutter**
- **Folding systems** – right angle and gate fold, interstacker and roll and pile feeding equipment.
- **(8) MBO folding lines**
- **(4) Glue systems**
- **(2) Double Kote Jr. NT laminating systems**
 - Min. Sheet Size - 8.5"x 11"
 - Max Sheet Size - 27"x Handfeed or Web

- **Complete packaging facilities** including Polyshrink wrapping, banding, and string tying
- **(2) Kirk-Rudy 486 Affixing Systems** – intelligently match membership & gift cards. In-line glueing and folding.
- **Kirk-Rudy 535 MX Tabmaster** label and tabbing system
- **(6) Akebono tray strappers**

Mailing

- **(1) Six Station Stretch Inserter**
- **(21) Six Station Inserters**
- **(1) Master Mailer** (6 stations)
- **(3) Formscan/Inspectron** camera match systems
- **Inline mail stamping machine**
- **(3) PitneyBowes FPS™ Split Drive Inserting System.** Roll-fed system separates document collation-assembly and envelope insertion function processes. Capable of inserting letter & jumbo envelope formats
- **Neopost IJ15K** inline or offline meter system
- **Datapac** meter system
- **Dedicated handwork and fulfillment department** with extensive assembly and staging areas for distribution

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J&Q SERVICES

FULL SERVICE DIRECT MAIL SERVICES

- FTP data exchange
- On-line proofing
- List services/hygiene
- Data programming
- Postal Presort/CASS Certification
- Intelligent Mail® Barcode/Tracking and reporting
- Customized mail plans including BMC/SCF shipment, commingling and co-palletization
- Prepress/Printing (FSC Certified)
- Bindery/Lamination
- Proven/Test data and physical security
- Laser personalization
- Ink jet personalization
- MICR encoding/checks
- Card imaging/intelligent affixing
- Lettershop
- Hand-assembly
- Warehousing

DIRECT MAIL PRODUCTS

- Envelope packages (multi-matched)
- Self Mailers
- Post Cards
- Gift, loyalty & membership card mailers/applications
- Jumbo envelope packages
- Hand-assembled mailers

PRODUCTION QUANTITY RANGES

- Program-based mailings (daily, weekly & monthly frequency)
- Quantities ranging from a few thousand into the millions