



Hennegan

Equipment Portfolio

Our collection of equipment provides you an exciting opportunity to enjoy the capabilities of 6 sheetfed presses and 3 full-size web presses. This formidable portfolio is fully complemented by a complete in-house prepress facility in addition to variable printing, a comprehensive bindery and finishing department, in addition to full imaging and mailing services.

This all-inclusive offering affords us the luxury of placing you and your projects on multiple pieces of equipment that reduces on-site press check time. The Hennegan Company's commitment to the most technologically advanced equipment along with significant vendor partnerships enables us to acquire the best and most relevant equipment to meet your quality needs.

Web Press Equipment

2 - 22.838" cutoff x 38" roll width 6 unit Baker Perkins G-14 single webs; equipped with:

- 2 Graphics Microsystems Closed Loop Ink Control Systems
- 4 Graphics Microsystems Color Quick Consoles
- 1 Signature Delivery System for pre-folding
- 1 Baker Perkins C-1 Combination Folder
- 1 Baker Perkins C-2 Combination Folder
- 1 Baker Perkins F2 Double Former Pinless Folder
- Pre-Folder for Baker Perkins F2 Folder
- 4 Gaemmerler Rotary Trimmers
- 3 Gaemmerler Stackers
- 1 UV Coating System, one or two sides
- 1 31' Two Zone Dryer with condensate removal
- 1 35' Three Zone Dryer with condensate removal
- 2 sets of 6-20" diameter Chill Rollers
- 2 sets of Automatic Blanket Washers
- 2 Bakertrol 4 roll Continuous Dampening Systems
- 2 WPC Color to Color Register Systems
- 2 High Speed Sheeters
- 1 Perforating Unit
- 2 Plow Stations for single and double gatefolds
- 1 Remoistenable Gluer

1 - 23.228" cutoff x 38" roll width 8 unit Heidelberg Sunday (gapless) 2000 single web; equipped with:

- 1 Heidelberg Contiweb CS 1020 Splicer with integrated infeed
- 1 Heidelberg Contiweb EcoCool Plus 130 -1020 dryer with integrated chills
- 1 PCF-1.1 Pinless Combination Folder
- 1 PFF-2 Double Former Pinless Folder
- 1 VITS High Speed Rotocut Sheeter
- 2 Gaemmerler Stackers
- 1 Slitter Attachment
- 1 Web Catcher
- 1 Pre-Folder for PFF-2 Folder
- 1 Heidelberg /Omnicon System with Color Desks
- 1 Graphics Microsystems Closed Loop Ink Control System
- 1 Innolutions CRC 2000 Color Register Control
- 1 Two Head Gluing / Moistener Station
- 1 Set of Automatic Blanket Washers
- 1 Auto-count Control System



Sheetfed Press Equipment

Printing on a variety of substrates from .002" to .028"

1 - 28.25" x 40" Heidelberg SM-102 12-color Perfecting Press One Pass Productivity - top quality in perfecting mode; equipped with:

- Most peripheral devices are controlled using the touchscreen of the Prinect CP2000 Center via CANopen
- Sophisticated functionality and enhanced user-friendliness
- Maximum automation and maximum cost-effectiveness
- Star Cut Plus Sheeter
- Perfecting Coating Solution (PCS) Technology

2 - 28.25" x 40" Heidelberg CD 8 color with single coating tower for aqueous or UV coating; equipped with:

- 8' extended delivery
- Heidelberg Preset
- Heidelberg Autoplate
- Tri-Service multi-zone waterless capability
- Interdeck UV drying
- CPC2S Color Spectrophotometer Scanner
- CIP3 Electronic Prepress Interface

1 - 28.25" x 40" Heidelberg 6 color with coating towers for inline spot or overall aqueous and CPC-1 Ink and Register Control, CPC-2 Print Quality Control (1 Speedmaster Classic, 1 Speedmaster CD), CIP3 Electronic Prepress Interface

1 - 28.25" x 40" Heidelberg Speedmaster Classic 6 color with CPC-1 Ink and Register Control, CPC-2 Print Quality Control and CIP3

1 - 43" x 65" Automatan Jogger Aerator designed to press ready feeder and delivery piles

5 - X-Rite Spectrodensitometer



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Digital Press Equipment

1- 14" x 20.5" Kodak NEXPRESS 2500 (5/C) equipped with fifth imaging unit for improvement in spot color reproduction or a high gloss laminate-like coating

Digital Prepress Equipment

Plant wide ICC Profiled with Gretag Color Management System

Esko-Graphics Workflow Technologies Backstage 4.0

- Backstage Edit 3.0
- Fast Impose 2.2
- Backstage Pilot 2.0
- Flexrip 5.2

6 Windows XP Workstations, P4 3.0ghz, 1gb ram

5 Macintosh G4 Production Workstations

5 Dual G5 Color Workstations

3 21" Cinema Displays

1 Barco Graphics BG-3800 Imagesetter

1 Creo TS800V Trendsetter Computer to Plate System

1 Creo 3244 Trendsetter Computer to Plate System

4 HP Digital Dylux Color Composition Proofing Systems

1 Canon W7200 2 sided printer with Hyphen Rip for Front End

2 Kodak Digital NX Approval XP4 Color Proofing System (20.5" x 26.5") with Xeon 2.8ghz Processor, 3gb ram, Windows 2000 Workstations

1 Veris Inkjet Proofer

2 Kodak Matchprint Virtual Proofing Systems

1 Linotype Hell 3900 Digital Scanner (maximum input 20" x 33", 20% to 3,000%)

1 Proactive Dual Xeon 1 Terabyte RAID Server with Dual Fibre/1000 Base T Network

1 Proactive Technologies Dual 3.6ghz/800mhz FSB/4gb Ram/2 36gb Hard Drive Server with Dual 1000Base T Network

1 Cisco Catalyst 4506 Network switch dual power/96 10/100/1000 ports, sup11 Engine

4 Proactive Technologies Dual Xeon 2.4ghz Rips

2 CIP3 Prepress/Press Interfaces

1 Sony 162a Tape Library with AIT 3 Back-up/Archive/Retrieval Tape, with Retrospect

2 Apple Xserve Servers with 1Tb plus online storage with Dual G4 1.0ghz Processors



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Supported Transportable Media

Disks

3.5" Floppy, 1gb Jaz, 100mb and 250mb Zip CD ROM/DVD

Quality Control, Ink and Print Analysis

- 1 Datacolor ACS Spectro Sensor II Spectrophotometer for precision color measurement and formulation
- 1 Thwing/Albert Digital Electronic Inkometer to measure tack of ink or varnish
- 1 Sutherland Rub Tester measures durability of ink, varnish or coatings
- 1 Duke Water Pick-up Tester measures durability of ink, varnish or coatings
- 1 Gardner 20/60/80° Gloss Meter measures gloss of ink, varnish or coatings
- 1 Olympus Microscope with video capture and computerized image analysis
- 1 Hanovia U.V. Curing Unit cures U.V. proofs
- 1 Digital Lab Scale
- 1 Digital Production Scale
- 4 Ink Mixers (up to 400 lb batch weight)
- 1 Ink Mill
- 1 Pantone Ink Color Proofing Press
- 2 Little Joe Color Proofing Press

Die-Cut, Stamp, Emboss

Die Making facilities for rule dies within our facility

- 1 Kluge 12" x 18"
- 1 Miehle 44" x 64"
- 1 Bobst 40.125" x 28.375" Diecutter Embosser
- 1 Heidelberg 13" x 18" Hot Stamp Embosser



Bindery Equipment

Complete Mailing Services and Selective Binding

- 1 Kolbus Integrated Gatherer, 18-pocket Perfect Binder with Three-Knife Trimmer and Palletizer
- 1 Muller-Martini Perfect Binder, 18 pockets, with Automatic Signature Image Recognition and side stitcher option, capable of sizes 12" x 13.5" to 10.5" x 19.5" depending upon machine's infeed angle
- 3 Muller-Martini Inserter/Stitcher/Trimmers, 2 Prima models have Automatic Signature Image Recognition, 8 pockets plus cover (all have 3 hole punch, loop stitching, counter stackers and calendar punch capabilities).
- 1 Videojet G4100 Digital Imaging System, w/ 5 integrated print heads, dual cartridge delivery
- 1 Videojet VIP-NT Inkjet System, inline on Prima Stitcher. Inkjets in 2 places.
- 2 Videojet PrintPro Injet Printers 240x120 Resolution, 4" total print area each
- 2 Videojet Off-line Mailing Bases
- 1 Stahl SSP Scoring Machine
- 1 Lawson Drilling Machine with high-speed multiple heads and indexing facility
- 3 (Coming Spring 2006) Polar 137XT Paper Cutters; with Autotrim, Transomat loaders/unloaders
- 1 Computer programmable 70" Polar 176ED Paper Cutter
- 2 Computer programmable 52" Polar 137EMC Paper Cutter
- 3 Polar RAB 5 Jogging Tables, 2 with Integrated Counting Scales
- 1 Stahl TH82 30.28" x 50.39" w/rotary feeder, 6 plates and 2nd unit w/4 plates
- 3 Stahl 30.75" x 45" Folders with gatefold capability
- 1 Stahl 26" x 40" Folder with special 6 fold plates unit
- 1 Stahl 23" x 35" Folder
- 3 Stahl VSA 366 Stackers
- 1 Sulby Mini-binder
- 1 Glue System Attachment for Folders
- 1 Automatic Wire-O Machine
- 1 Automatic Wire-O Punch
- 1 28" x 70" Pressure Sensitive Adhesive Applicator
- 3 Shrink Wrap Machines
- 1 Arpac In-line Shrink Wrap
- 4 Carton Sealer Machines
- 1 GBC Binder and Punch
- 1 Round Corner Machine
- 2 Kirk Rudy Tabbers (wafer sealing)
- 1 Knife Folding Attachment for Stitchers
- 1 Roto Crease Attachment for Folders

Assortment of Power Stitchers, Eyeleting, Grommeting and Tinning Machines

Large hand bindery facilities for display material assembly and unusual handwork.



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Mailing Services List

Complete Mailing Services available including full service Data Prep, Inside/Outside high resolution imaging on stitched books and outside high resolution imaging on Perfect Bound books, Postcards, and Self-Mailers. In-House Post Office and custom Entry plans to speed mail delivery.

Data Prep

- CASS Certification
- Postnet Coding
- PAVE Certified presorting
- Merge/Purge – DeDupe
- Genderizing
- Demographic sort
- Output to Inkjet (various formats),
Cheshire labels, or Pressure Sensitive labels
- Nths/Selects
- Data Entry
- NCOA
- FASTforward
- List acquisition
- Planet Coding
- Cut Sheet Laser Printing
- BMC/SCF Entry

Mailing

- Wafer-sealing In-Line or Off-Line
- Daily BMC/SCF Entry
- Custom Entry Load Plans
- Daily On-Site Mail Verification
- Mailpiece Design Approval
- Local Permit available
- Planet Code tracking

In-Line Imaging

- Stitched products only
- Inside/Outside Imaging
- Demographic Binding/Imaging
- 1 up or 2 up Addressing
- One or two positions
- Soft Folding

Inkjetting

- Variable Data Printing
- Fixed Data Printing
- Variable Fonts
- Graphics
- Numbering
- Barcoding – Postnet, Planet, EAN, 3 of 9, UPC, 2 of 5, Custom

Up to 4.5" of print area available (1.00"X4.25")

Off-Line Imaging

- Stitched and Perfect Bound product, Postcards, Envelopes, and Self Mailers
- Outside Imaging Only
- One or two positions