

UNIFORM COMMERCIAL CODE FINANCING STATEMENT (UCC-1)

(USE UCC-1F FOR FARM PRODUCTS)

INSTRUCTIONS (When selected "Yes" apply):

1. PLEASE TYPE
2. List most assets first and last listed for LAST previous filing date.
3. Provide separate entries for each debtor. Debtor's name should be typed in full.
4. Provide description of collateral and collateral's location in the proper column.
5. List complete address (include county code and nine-digit zip code).
6. If collateral is fixtures or other fixtures when installed, or fixtures or other fixtures, a legal description of real estate and name of record owner or lease assignee should be included.
7. County code should be included and are based on the back of form.
8. If space provided for any items is inadequate, the items should be continued on Form UCC-2.
9. Submit completed form in triplicate with appropriate filing fee to Secretary of State UCC Division, P.O. Box 126, Jackson, MS 39205-0126 and/or Chancery Clerk of proper county.

This Financing Statement is presented to the Filing Officer pursuant to the Uniform Commercial Code, UCC-1
 STATE OF MISSISSIPPI

1. Debtor(s)

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Amersig Graphics, Inc.

Debtor (Last Name First)/Business Name

Debtor (Last Name First)/Business Name

777 West Putnam Avenue

Mailing Address

Mailing Address

Greenwich

GA | **17** | **06830**

City State County Code Zip

City

State

County Code

Zip

36-3834430

Type of Debtor:

P

C

Tax ID/SS.#

P

C

2. Secured Party

HEIDELBERG HARRIS, INC.

Secured (Last Name First)/Business Name

3. Assignee

Assignee (Last Name First)/Business Name

121 Broadway

Address

Address

Dover

NH | **03820**

City State County Code Zip

City

State

County Code

Zip

02-0462661

Type of Secured:

P

C

Tax ID/SS.#

P

C

4. This Financing Statement covers the following types (or items) of property:

Printing presses and ancillary equipment manufactured by HEIDELBERG HARRIS, INC. and other related equipment, as more specifically described on the Collateral Schedule annexed hereto and incorporated herein by reference, and in and against any and all additions, attachments, accessories and accessions thereto, any and all substitutions, replacements or exchanges therefor, and any and all insurance and/or other proceeds thereof. CSO#OC 3694

Equipment located at: AS Memphis, Inc.
 8649 Hacks Cross Road
 Metro Industrial Park
 Olive Branch, MS 38654

RECEIVED & FILED
 W.F. DAVIS
 CHANCERY CLERK
 FEB 2 2 30 PM '95
 25-2-95
 DESOTO COUNTY
 HERMANN, MISS.

RECORDED IN REAL ESTATE TRUST BOOK 746 PAGE 317

FOR FILING OFFICE USE ONLY

Debtor #
 Secugn #

File in Real Estate as per Jacques

5. Check if this statement is filed without the Debtor's signature to perfect a security interest in collateral:

- already subject to a security interest in another jurisdiction when it was brought into this state or when Debtor's location was changed to this state.
- which is proceeds if the security interest in the original collateral was perfected.
- where the original filing has lapsed.
- acquired after a change of name, identity, or corporate structure of the Debtor.
- if lien to secure payment of royalty proceeds (effective 1 year).

6. Check if covered: Products of collateral.

7. Number of additional sheets attached: 14

8. Financing Statement is filed with: Chancery Clerk of DeSoto County, MS

[Signature]
 Signature(s) of Debtor(s)

[Signature]
 Signature(s) of Secured Party(ies)
 (required only when filed without Debtor signature)

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DESCRIPTION OF THE REAL ESTATE ON WHICH THE EQUIPMENT WILL BE INSTALLED

FEDERAL TAX IDENTIFICATION NUMBER:

RECORD OWNER:

CORPORATE PROPERTY ASSOCIATES, LP

ADDRESS:

C/O W. P. CAREY, + Co
689 FIFTH AVENUE
NEW YORK, N.Y. 10022

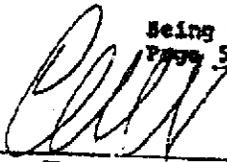
Equipment to be installed at (Real Estate Description):

Lot #2, Section "B", Phase 1, Holiday Industrial Park as recorded in Plat Book 15, Pages 9-14, in the east half of the north east quarter of Section 23, Township 1 south, Range 6 west, Desoto County, MS.

DESCRIPTION:

Beginning at the Southeast corner of Section 23, Township 1 South, Range 6 West; Thence North 89 deg. 29 min. 00 sec. East, along the East line of Section 23 a distance of 2,897.62 ft. to a point in the centerline of Macks Cross Road; Thence North 89 deg. 41 min 00 sec. West, a distance of 53.0 ft. to the point of Beginning of this description, said point also being the intersection of the West right-of-way line of Macks Cross Road and the North right-of-way line of the Burlington-Northern Railroad; Thence North 89 deg. 27 min. 50 sec. West and parallel to said North railroad right-of-way line a distance of 47.0 ft. to a point; Thence South 00 deg. 33 min. 00 sec. West, a distance of 12.50 ft. to a point in the North line of said railroad right-of-way; Thence North 89 deg. 27 min. 50 sec. West, along the North line of said railroad right-of-way, a distance of 1,282.30 ft. to a point; Thence North 79 deg. 30 min. 20 sec. East, a distance of 205.71 ft. to a point; Thence North 00 deg. 15 min. 00 sec. East, and parallel to the East line of Section 23 a distance of 1,120.54 ft. to a point in the south line of Marina Drive; Thence South 89 deg. 27 min. 50 sec. East, along the South line of Marina Drive, and Parallel to the North line of said railroad right-of-way, a distance of 1,087.15 ft. to a point; Thence Southeasterly along an arc to the right having a radius of 40.0 ft. a distance of 62.68 ft. and being subtended by a long chord having a bearing of South 44 deg. 34 min. 36 sec. East, and a distance of 56.46 ft. to a point on the West right-of-way line of Macks Cross Road; Thence South 00 deg. 19 min. 00 sec. West. and along said West right-of-way line and parallel to the East line of Section 23 a distance of 1,106.00 ft. to the Point of Beginning. Containing 30.03 Acres.

Being the same property as recorded by warranty deed in Book 137, Page 583, in the Chancery Clerks Office of Desoto County, MS.


Signature
Claude Morath
CR VP and CFO
Print Name and Title

1/27/95
Date

COLLATERAL SCHEDULE

Attached to and forming a part of a UCC-1 Financing Statement between Amersig Graphics, Inc. as Debtor and HEIDELBERG HARRIS, INC. as Secured Party.

One (1) new eight (8) two (2) web HEIDELBERG HARRIS, INC. Model M3000 Web Offset Press System s/n OC 3694; including one PFF-3 Pinless Two Former Folder; and including but not limited to the following:

As more fully described on attached OC 3694 EXHIBIT "A" pages 1 - 12, copies of which are attached hereto, and in the Security Agreement dated August 16, 1994 and any Exhibits, Data Forms, and Amendments attached thereto;

and in and against any and all additions, attachments, accessories and accessions thereto, any and all substitutions, replacements or exchanges therefor, and any and all insurance and/or other proceeds thereof.

Secured Party:
HEIDELBERG HARRIS, INC.

By: *APL Conrad*
Title: *Vice President*

Debtor:
Amersig Graphics, Inc.

By: *[Signature]*
Title: *Senior Vice President*

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EXHIBIT "A"
HEIDELBERG HARRIS M3000
EIGHT UNIT (DUPLIX 4RH/4RH) TWO WEB
INCLUDING PFF-3 TWO FORMER FOLDER

THE HEIDELBERG HARRIS M-3000 PRESS SYSTEM is a two-around by six across format that prints 24 magazine size pages per web. The printing units are designed and built to run steadily up to a linear speed of 3,000 FPM (914 m/min). The actual speed rating of the press is determined by the folder, press cutoff, type and basis weight of paper and type of fold. The duplex arrangement consists of Eight units of M3000 web offset press for two webs and One (1) PFF-3 Pinless Former Folder arranged as Two Four (4) right hand units with a 27' center to center.

PAPER ROLL SUPPLY

The press system includes one fully automatic splicer per web designed to HEIDELBERG HARRIS specification and manufactured by Enkel. The basic features include the following:

- A. Two-arm speed matching splicer.
- B. Integrated closed loop infeed using regenerative DC drives.
- C. Integrated web edge guide control.
- D. Automatic sidelay alignment of new roll.
- E. Motorized web-up (and web over package for tandem system).
- F. Running belt tension to 20" diameter.
- G. Core acceleration of new roll with no surface contact.
- H. Software interface of operating controls to main press console.
- I. Platforms, stairs and web leading rollers.
- J. Fully automatic roll loading system - single or tandem including:
 - Motorized transfer table with hydraulic lift.
 - One roll cart.
 - One shuttle dolly (tandem only).
 - Motorized turntable (tandem only).
 - Powered roll stripping and prep station.
 - Operator console.
 - Core basket.
 - Powered track - 24' single, 32' tandem.
- K. Controls consisting of the following:
 - One drive station.
 - Local and remote air nip control mounted on the splicer and in the PMC console.

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- Local tension control readouts (web tension range 0-400 lbs.) and remote tension setting at any PMC console.
- Solid state electronics distributed input/output system.

PRINTING UNITS

Eight (8) {4RH/4RH DUPLEX} M-3000 web offset perfecting printing units consisting of the following:

- A. Stainless steel plate cylinders undercut .011" (.28 mm) for a .012" (0.30 mm) metal plate (for a "no-pack" condition) and equipped with a plate lockup mechanism with an approximate .06" (1.6 mm) nonprint gap.
- B. Chrome plated steel blanket cylinders are gapless and accept HEIDELBERG HARRIS approved cylindrical blankets. Two blankets per unit are included.
- C. HEIDELBERG HARRIS patented Duo-trol dampening systems equipped with chrome plated pan and vibrator rolls. The dampening form roller and slip roller are covered.
- D. Ink fountains with motor-driven ink fountain rollers and segmented remote adjustment by HEIDELBERG HARRIS Tele-Color® II system.
- E. Two ink levelers and four ink fountain dividers are supplied with each
- F. Inkers are gear-driven from the plate cylinders and include independent silencing when not required. Included with each press is a full set of rubber covered ink and water rollers, and a half set of bare roller cores per unit with bearings and shafts. Rollers and bearings are mounted on dead shafts. Manual inker washers are included.
- G. One set of six nylon covered ink vibrator rollers and one nylon covered nonvibrating roller, drilled and tapped for siphon cooling and prepiped to a water manifold system with interconnection to adjoining units. Rotary unions are provided.
- H. Automatic grease lubrication system for plate and blanket cylinder bushings. Six manual grease points per unit require greasing every six months. A motor-driven unit oil pump for drive side lubrication. Lubrication system is factory prepiped, and is provided with heat exchanger for oil cooling.
- I. Three motorized adjustments consisting of circumferential $\pm .250"$ (± 6.35 mm) and lateral $\pm .125"$ (± 3.18 mm), as well as $\pm .015"$ (0.38 mm) cylinder cocking adjustment all of which are remotely operated. Both dampener and ink forms follow plate cylinder cocking moves.



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- J. Remote unit declutching is provided at the drive station of each printing unit, or from the PMC.
- K. Plating motors are provided in each unit to facilitate plate-up.
- L. Automatic blanket cleaning devices, one for each blanket, are built into each printing unit.
- M. Bustle wheels are included between each printing unit; three
- N. Eight drive stations per unit. Two drive stations with faster buttons are on the upper and lower exit side of the printing unit. Four other drive stations are located at the inlet side and two on the exit side of the printing unit.
- O. Normal braking is accomplished through the regenerative drive to the printing units. A spring applied, electrically released, brake is provided for use in the event of power failure at the unit motor(s), chill motor(s), and lower folder motor. Additional brakes may also be provided at other locations depending on configuration.

VIBRATOR COOLING

Single zone water temperature and circulating control, designed to HEIDELBERG HARRIS specification by AWS, includes heater and pump, suitable for up to five units per zone. Two vibrator zone control systems for up to nine units.

DAMPENING SOLUTION SYSTEM

Standard Fountain Control Package for no alcohol with mechanical refrigeration, designed to HEIDELBERG HARRIS specification by AWS. Provides fountain temperature of 55°F for the number of units purchased.

System includes: metering pumps for two additive mixing, two enclosures, one 50 gallon tank, supply and return pumps, bag filtration system, conductivity monitoring with alarms, pH monitoring, digital temperature control, back-up supply, return pump circuits, phone modem, local display and remote display at any PMC console.

PRESS MANAGEMENT CONTROL CONSOLE

The HEIDELBERG HARRIS HGControl press control system provides one three foot master console housing press run controls and an industrial PC.

Available slave consoles have the same CRT and press run controls. Slave consoles communicate with the press through the master console and permit simultaneous operation of controls from each console.

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The features of this system include the following:

- A. Operator Control Panel provides preset control for the web-up, start-up, makeready, and run modes of operation. Controls are provided for web tension, press speed, individual unit ink and water speed tracking, master sequencing and folder configuration.
- B. Operator display is a 19" color CRT showing press data corresponding to current press operations. Operator-selectable displays include press operation, job recall, press preset, help screens, on-line PLC software access and press diagnostics.
- C. Master press drive station meeting standard press control requirements.
- D. Remote controls for splicers, infeed-nip, tension control, printing units, dryer, web cooling, angle bars, compensators, dampening solution system, and folders.
- E. The HGControl system is designed to accept additional slave consoles for remote locations.
- F. Master press power is controlled by on/off push buttons.
- G. Standard PC keyboard is included for access to the integrated computer. The keyboard is stored when not in use.
- H. Modem for interconnection of the HGControl system to remote HEIDELBERG HARRIS facilities for remote diagnostics.

FOLDER CONTROL CONSOLETTTE

The folder control consolette consists of a 13" color CRT, custom keyboard, and drive station located in a two foot, floor mounted enclosure. The folder consolette allows access to all run control functions available at the PMC console. Each folder is provided with one consolette. The consolette provides controls for the following:

- A. Angle bar and/or compensator motors.
- B. Low pressure air.
- C. Folder operational mode switches and status.
- D. Folder delivery belt speed increase/decrease.
- E. Press system status indications.

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Tele-Web™ II WEB MANAGEMENT SYSTEM

Includes an integrated web preset and positioning system that provides for automatic movement of motorized web and ribbon functions to previously entered locations, with displays at the folder console indicating products to be produced, previously entered layouts, ribbon path indications, and position readout of various press components. One hundred products and layouts can be stored and recalled for preset. Positions can be saved and displayed for all splicers, web guides, slitters, full web compensators, ribbon compensators, ribbon angle bars, formers, and delivery fans. Ribbon path indicators are provided as required to assist in proper web-up through the angle bars.

COLOR CONTROL SYSTEM

The HEIDELBERG HARRIS Tele-Color® II System consists of the following:

- A. Remote ink key actuators, inker control, water pan control and remote manual color to color register control. Ink and water fountains are selected via lighted push buttons. Ink control via INCREASE/DECREASE switches.
- B. Group action and ALL keys controls are included. Ink key positions are represented by LED bar displays.
- C. Ink feed and water pan are via INCREASE/DECREASE switches.
- D. Touch-screen operations, including profile-based ink key preset.
- E. Interconnection with ink fountains using serial communications.
- F. Storage of eight jobs at each console.
- G. One console is included for presses with one web. Two complete independent consoles are included for presses with two webs.
- H. Console, fountain and fountain key assignments are field configurable.
- I. Flip top is mounted on top of console to hold color "OK" sheets.

PLATE SCANNING

The HEIDELBERG HARRIS plate scanning system, specially designed by Tobias, scans plates, stores the data as inker key settings and on demand presets all of the inker keys and fountain rolls in the press.

Interfaces are also available on the Tobias plate scanner to existing HEIDELBERG HARRIS presses.

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Tobias PLX-66 Plate Scanner. Scans plates and stores
Data as press fountain key settings.

NOTE: Tobias Plate Scanner to be equipped with the HEIDELBERG HARRIS R

MODULAR MAIN PRESS DRIVE SYSTEM

HEIDELBERG HARRIS Modular Main Drive System is specially designed for printing press control by General Electric and utilizes industry-accepted components. All drives are built to a nominal 460 volt, 3 phase, 60 Hz standard. The voltage limits within which the customer must supply power are 440 to 504 volts. Values outside this range may cause equipment damage and/or incorrect press operations, invalidating the press warranty. Other power supplies can be accommodated through optional transformers. Blower and filter assemblies are provided as required.

The M-3000 press system is provided with individual drive motors and controllers for unit groups, chill roll, slitter, and folder. Controls for individual and group operations are provided as a part of the HGControl system. On two web presses, each web can only pass through the complement of units assigned to that unit group (i.e., multiple web paths can only be accommodated within the originally assigned group of units).

ELECTRICAL POWER DISTRIBUTION

The switchboard is sized for the press system. It includes a fused main switch with shunt trip and individual breakers housed in a NEMA 1 enclosure for the following press components:

- Main drive system.
- Splicers and auto roll loading.
- Dryers.
- Press power distribution.
- Delivery equipment power.
- Various press system components.

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Auxiliary enclosure and press power distribution - Auxiliary I/O and power distribution enclosure - a prewired three door (6'7" x 6'7" x 1'8") NEMA 12 rated enclosure with internal lighting. Interfaces for the dryer, alarms, auxiliary equipment and the grease pump are provided to the press I/O system.

WEB UP SYSTEM

A motorized chain web up system transports the web(s) from the printing unit group(s) through their respective dryer, chill rolls, auxiliary stack, and up to the slitter section.

The splicer web up system brings webs to the first unit and under the first unit group to the first unit of the second group.

The web is fastened to a chain mounted cross bar that, when activated, threads the web through the press at 100 FPM.

WEB HANDLING (two web presses)

A system of air turns, designed to HEIDELBERG HARRIS specifications by TEC, is provided on two web presses to enable the undried web to be led to the upper pass of the dryer. TEFC motors are included as standard. Blowers are mounted on top of the dryer.

PRESS PROTECTION PACKAGE

The HEIDELBERG HARRIS web break detectors are interfaced with the HGControl P/C Console to provide first out indication and self-arming interlocks. Detectors are located at the exit of each unit, the exit of the infeed nip of each splicer, before the nip of each chill roll section, two locations on each dryer pass, and for each ribbon after the slitter. Two web presses include an additional detector bar at the entrance to the dryer on the upper pass.

Active web severers, designed to HEIDELBERG HARRIS specification by Baldwin, are activated as required by the web break detectors. Severers are located between the infeed and first printing unit, and between the last printing unit and dryer on each web pass.

DRYER

Performance Specifications

The dryer quoted/sized herein is designed to remove a minimum of 85% of the solvents applied in the heatset inks, at the maximum rated press speed. Inks should contain solvent equivalent to 100% magiesol 47. Inks containing higher boiler solvents may require increased web temperatures and/or reduced press speed. The web temperature entering the dryer will be approximately 90°F and will exit at approximately 280°F. The dryer is designed to perform at a maximum rated press speed of 3,000 FPM with the HEIDELBERG HARRIS-designed chill rolls, without scorching, marking or smearing the

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printed web. Consult factory for nonstandard applications or varnish applications. The following ink coverage will apply with ink formulations stated below.

Maximum Spot Ink Coverage	Average Ink Coverage
<u>Basis for Dryer Sizing</u>	<u>Basis for Dryer Exhaust Rate</u>
TEC 8.54 lbs/million in ²	4.84 lbs/million
T.E. 7.63 lbs/million in ²	4.86 lbs/million

To insure proper incorporation of a dryer into the press, and in order for it to function, the basic press system includes engineering interface, leveling shims, and other installation hardware. (Standard 86.0" spacing between webs.)

Two (2) Four Zone Dryers TEC Phazer P-582 FOR DUPLEX OPERATION includes:

- A. Advanced air bar design and air distribution.
- B. Vertical automatic web-up doors.
- C. Monoblock supply fan bearings (five year warranty).
- D. Automatic exhaust reduction system.
- E. PLC System communicating with the HGControl system.
- F. Automatic make-up air control system.
- G. Web temperature control system.
- H. Provisions for top mounting fans and blowers.
- I. Exhaust ductwork to top-mounted fan.
- J. Combustion blower piping to top-mounted blower(s).
- K. Combustion lower piping to topmounted blower(s).
- L. High efficiency motors (20 HP and greater)
- N. Web-up platform, ladder and handrail on two web presses.
- O. Insulated smoke tunnel.
- P. Infrared web break detection system.
- Q. Plug and socket control rewiring package.
- R. 460 volt motor rewiring package.
- S. Natural gas and vent prepiping package.
- T. External blanket wash FID test port connections.
- U. Provisions for HEIDELBERG HARRIS auto web-up system.
- V. Aesthetic skirting.
- W. Four-button drive station for web-up.

CHILL ROLLS

Chilling specifications assume a dryer web exit temperature of 300°F with a final (after chill roll) web temperature of 90°F ± 5°F. Chilling medium is based on water with 0% glycol.



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Each chill roll assembly for each web consists of nine chrome plated chill roll drums of approximately 16" in diameter. Each roll is fitted with spiral inserts and drilled and tapped for straight through water cooling. A separate drive motor is provided for each chill roll section on each web. Access to the upper level of the chill roll stand on two web presses is made possible by a set of platforms. An integrated motorized web-up system is provided to ease in makeready.

The chill roll water manifold system consists of temperature probes, flow indicators, throttling valves, hoses and fittings. A TEC Chill Jet II System with TEFC motors is included for each web.

A single zone control providing adequate circulation and regulated temperature control is provided for each web.

The following controls are included:

- Solid state electronics consisting of distributed input/output modules for control of the chill roll surface speed ($\pm .5\%$ of nominal press speed).
- Local and remote control (with indication) of full width co-acting nip roll position.
- Three button drive stations (inch, slower, stop/safe) located on the inlet and exit of each web pass.

AUXILIARY STACK

An auxiliary stack module is provided and combines the following auxiliary functions for each web:

- A. Closed-loop color register control with press mounted scanners and real-time monitoring of color registration.
- B. Full web compensators with cutoff controls.
- C. Web guide with center or edge guiding including scanner and auto-centering.
- D. Silicone applicator for coating both sides of each web. Includes press speed tracking. Independent controls for top and bottom web surfaces are provided.

The auxiliary stack module includes a base section that houses the electrical enclosure for all auxiliary stack functions.

An operator console is provided combining controls for all auxiliary stack functions.

Four drive stations (four-button) are provided for each web.

Platforms are provided for two web applications.

Auxiliary stack modules are manufactured to HEIDELBERG HARRIS specifications by:

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- A. RGS V register control system for closed-loop color register with a .040" (1 mm) diamond size. High speed error detection and correction can be made on up to eight colors per web surface. Custom designed CCD scanner can read six colors across or six or eight colors ahead. RGS V is capable of controlling up to ten press units.

The system consists of a presettable scanner, 2' console with VGA color graphic touch screen monitor, membrane keypad, modem and fiber optic communication.

- B. Model 3000 web guide(s).
C. Model 2000 silicone applicators.

PLATE PREPARATION AUXILIARIES

Register pin holes punched in M-3000 plates are limited to .125" diameter (3.18 mm) and the lead edge of the plate. Allowable locations for holes other than those for registration on the plate bender should be determined from the M-3000 plate drawing.

Burgess Model WLP563-M3000 Pneumatic Plate Punch.

Burgess Model AB2660-M3000 Automated Plate Bender straight infeed on floating air, automatic pin alignment without visual effort, automatic bending, automatic plate feed and positioning, vacuum hold down, automatic anvil retraction and partial plate ejection for straight out removal.

PFF-3 PINLESS TWO FORMER FOLDER:

The HEIDELBERG HARRIS PFF-3 Pinless Two Former Folder is a single purpose folder for the high speed production of magazine size and square tab signatures, open on three sides. It employs pinless technology for minimum trim waste.

It can produce 4, 8, 12, 16, 20, or 24 page products for up to two webs at speeds of up to 3,000 FPM and consists of a slitter/angle bar section and a main folder section.

SLITTER/ANGLE BAR SECTION

The slitter/angle bar section consists of the following:

Two scissor-type slitters to slit each web into up to three ribbons. Slitting location is fully adjustable across the web width (5.44" minimum distance between slits). Each slitter anvil is individually motor driven



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and the slitter blade is friction driven. A dust collection bar is provided. Customer is responsible for vacuum dust removal system.

One variable gain ($\pm .5\%$) driven pull roll with friction driven air loaded full width nip for each full web.

Elevated cantilevered angle bar section with one bar and one ribbon compensator, on its own level, for each ribbon.
Angle bars which are fully reversible, chrome plated and drilled for air. They can accommodate any ribbon across the full web width.

Motorized controls are provided for each ribbon angle bar and ribbon compensators. Ribbon compensators provide approximately 12.50" of travel or 25.00" of compensation.

Full ribbon interleaving within any single web is possible as part of the standard package. Interleaving between webs requires the optional interleaving package.

Preprogramming of the slitter, angle bar, and compensator positions via the Tele-Web II System. Ribbon path indication is also provided through the angle bar section.

Prepositioning of angle bars and compensators is provided by means of a switch panel located at the folder delivery. Rocker switches for each angle bar and compensator allow for quick set-up positioning at makeready.

MAIN FOLDER SECTION

The main folder section of the PFF-3 Pinless Two Former Folder consists of the following:

All tension-related driven components of the upper main folder section are driven from a common drive motor with variable gain ($\pm 1\%$). These components are:

- One cantilevered pull roll with wide air-loaded nip roll for each ribbon.
- One cantilevered gathering roll and roll top former (RTF) for each former.
- Two sets of driven steel pinch rolls with full width air loaded rubber covered nip rolls (blanket type covering) for each former.
- Two sets of lead-in rolls with air operated cylinders.

Two formers drilled for air, each with fully adjustable forming rolls.

- One ribbon tacker for both ribbon paths.
- One web severer for each ribbon path.
- One set of double width two-part cutting cylinders.
Cuts two equal length signatures per revolution per former.

Two accelerating tape sections.



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Two alternating fan assemblies per former.

Four variable speed delivery conveyors (two for each former) adjust the shingle size on all deliveries as required. Delivery is away from the centerline of the press.

Regenerative braking is provided.

Main folder gears are lubricated by circulating oil. Two easily accessible grease points are the only other main folder locations requiring lubrication.

Platforming and stairway with handrails are provided to all operational points.

Adequate four-button drive stations.

Four two-button drive stations, provided for setup, within lower folder interlocked doors.

Electro-mechanical jam protection is provided for each former stream.

Electrical functions controlled by distributed I/O.

Folder start-up system including web up severer and platform mounted driven pull roll.

OTHER EQUIPMENT INCLUDED:

- Duplex package
- Covering for 1/2 set of bare cores
- Additional slave press management consoles (2)
- Four Button Drive Stations (total of four)
- Four Ribbon Option for Slim Jim's on PFF-3
- Full web edge trim on PFF-2
- Full Interleaving for two webs on PFF-3
- RTF Perforator on PFF-3
- One SMC Model VPS-2M vertical Pile Stacker including VPS-C Swing Type entrance conveyors & Tach following -- One V4004-2 automatic bundle palletzier -- Two VIT2 Tilt tables -- Two V3500-58 Automatic Vertical Stacker Bundler with polypropylene strapping -- Two V31J free standing crusher roll systems -- Four V-41 Flow Turns 90 degree 24" wide -- Three V-27 straight conveyors -- Two bundle rotators -- One automatic pallet rotation system.

NOTE: The above SMC Equipment would be delivered and installed, including freight in the American Signature Plant in Olive Branch, MS.

-Additional Quad/Tech Web guide for Duplex Operation

-Tobias PLX-66 Scanner including the HEIDELBERG HARRIS Rim.

HEIDELBERG HARRIS agrees to furnish AMERICAN SIGNATURE/MEMPHIS three weeks of additional press training after the equipment is installed.

NOTE: The above training is over and above the standard training included in the base price of the equipment.

HEIDELBERG HARRIS agrees to furnish Thirty-Two (32) ADDITIONAL M3000 Blankets.

NOTE: This is over and above the standard number of blankets furnished in the base price of the M3000.