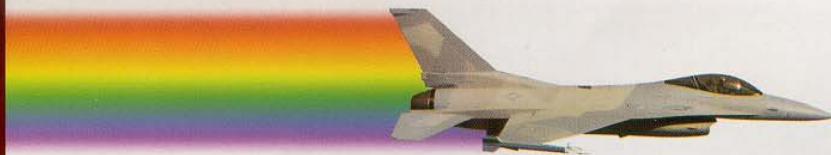


2 COLOR JET PRESSES



JET PRESS PERFECTOR JP-TWOD-P

- Prints Up To 229mm x 305mm = 9" x 12"
- Perfects Up To 108mm x 305mm = 4 1/4" x 12"
- Dual Feeder Option
- Maximum Speed 60,000 EPH



SUPER JET PRESS JP-TWOD-6D

- Larger Printing Area (Up To 457mm x 305mm = 18" x 12")
- Perfects Up To 229mm x 305mm = 9" x 12"
- Dual Feed Standard
- Maximum Speed 60,000 EPH



HIGH SPEED COLOR PRESSES

Halm Industries Co., Inc., 180 Glen Head Road, Glen Head, NY 11545-1995 • Phone (516) 676-6700 Fax (516) 676-6751
IL (708) 956-8692 CA (714) 556-2848 GA (404) 948-0961 INTL 31-1711-19303

	JET PRESS JP-TWOD-P	SUPER JET PRESS JP-TWOD-6D
SHEET SIZE:	229mm x 305mm = 9" x 12" (Maximum) 82mm x 108mm = 3 1/4" x 4 1/4" (Minimum)	457mm x 305mm = 18" x 12" (Maximum) 82mm x 108mm = 3 1/4" x 4 1/4" (Minimum)
PRINTING AREA:	229mm x 305mm = 9" x 12" (Maximum) 82mm x 108mm = 3 1/4" x 4 1/4" (Minimum)	457mm x 305mm = 18" x 12" (Maximum) 82mm x 108mm = 3 1/4" x 4 1/4" (Minimum)
PERFECTING AREA:	Four sided bleed, both sides, up to & including: 108mm x 305mm = 4 1/4" x 12"	Four side bleed, both sides, up to & including: 229mm x 305mm = 9" x 12"
SPEEDS:	Minimum size 82mm x 108mm = 3 1/4" x 4 1/4" Up to 114mm x 305mm = 4 1/2" x 12" <div> <div>1UP</div> <div>2UP</div> <div>One side only</div> <div>30,000</div> <div>60,000 eph.</div> <div>Perfecting</div> <div>30,000</div> <div>_____ eph.</div> </div>	Minimum size 82mm x 108mm = 3 1/4" x 4 1/4" Up to 114mm x 305mm = 4 1/2" x 12" : <div> <div>1UP</div> <div>2 UP</div> <div>4UP</div> <div>One side only</div> <div>15,000</div> <div>30,000</div> <div>60,000 eph.</div> <div>Perfecting</div> <div>15,000</div> <div>30,000</div> <div>_____ eph.</div> <div>Up to 229mm x 305mm = 9" x 12":</div> <div>One side only</div> <div>15,000</div> <div>30,000</div> <div>_____ eph.</div> <div>Perfecting</div> <div>15,000</div> <div>_____ eph.</div> <div>Up to 457mm x 305mm = 18" x 12":</div> <div>One side only</div> <div>15,000</div> <div>_____ eph.</div> </div>
PLATE SIZE:	252mm x 311mm x 0.2mm = 9 15/16" x 12 1/4" x .008"	494mm x 311mm x 0.2mm = 19 15/32" x 12 1/4" x .008"
BLANKET SPECIFICATIONS:	.94mm = .037" including adhesive back	.94mm = .037" including adhesive back
MACHINE DIMENSIONS:	Length: 1,524mm = 5' Width: 885mm = 2' 10 3/4" Height: 1,620mm = 5' 3 1/2" Weight: 816 kg = 1,800 lbs	Length: 1,880mm = 6' 2" Width: 885mm = 2' 10 3/4" Height: 1,620mm = 5' 3 1/2" Weight: 907 kg = 2,000 lbs
TABLE:	Length: 1,828 mm = 6' Weight: 64 kg = 140 lbs	Length: 2,438mm = 8' Weight: 82 kg = 180 lbs
VOLTAGE REQUIRED:	EUROPE (Standard): 380 v, 3 ph, 50 cyc USA (Standard) 220 v, 3 ph, 60 cyc All other voltages available.	EUROPE (Standard): 380 v, 3 ph, 50 cyc USA (Standard): 220 v, 3 ph, 60 cyc All other voltages available.
PLATE CYLINDER MOVEMENT:	Circumferential: 360° Lateral: ± 3mm = 1/8" Plate Skewing Capacity: ± 1/2°	Circumferential: 360° Lateral: ± 3mm = 1/8" Plate Skewing Capacity: ± 1/2°
OPTIONS:	SINGLE COLOR VERSION DRY OFFSET VERSION DUAL OR TOP FEEDER COUNTER & STEP TABLE MULTIPLE IMAGE PLATE "QUICK CHANGE" CYLINDER ADAPTOR REFRIGERATION WATERLESS	SINGLE COLOR VERSION DRY OFFSET VERSION COUNTER & STEP TABLE MULTIPLE IMAGE PLATE "QUICK CHANGE" CYLINDER ADAPTOR REFRIGERATION WATERLESS



HIGH SPEED COLOR PRESSES

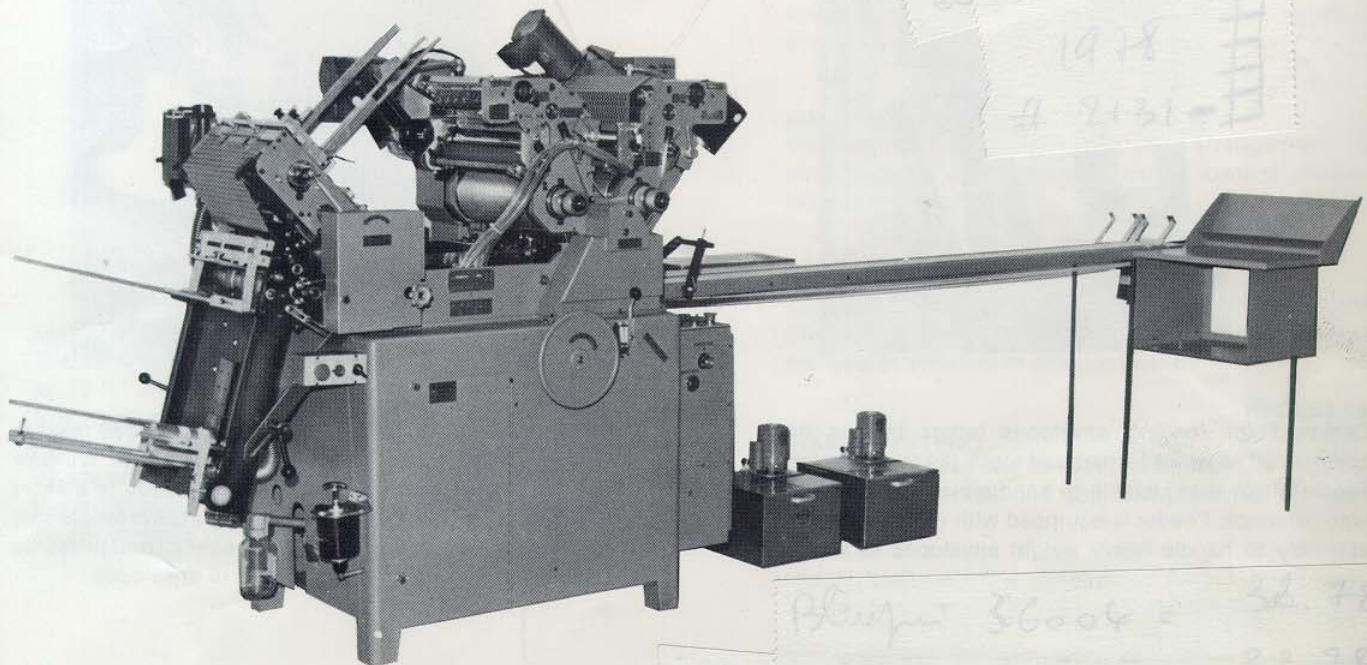
Halm Industries Co., Inc., 180 Glen Head Road, Glen Head, NY 11545-1995 • Phone (516) 676-6700 Fax (516) 676-6751
IL (708) 956-8692 CA (714) 556-2848 GA (404) 948-0961 INT'L 31-1711-19303

DUAL FEED

MODEL JP-TWOD-6D

Super Jet

JET PRESS PERFECTOR



PRINT UP TO A 12 x 18
PERFECT UP TO 9 x 12

HALM

INDUSTRIES CO., INC.

OLEN HEAD, N.Y. 11...
TELEPHONE: 516-875-5100 TELETYPE: 645351
1037 56 751

**SALES AND SERVICE
THROUGHOUT THE WORLD**

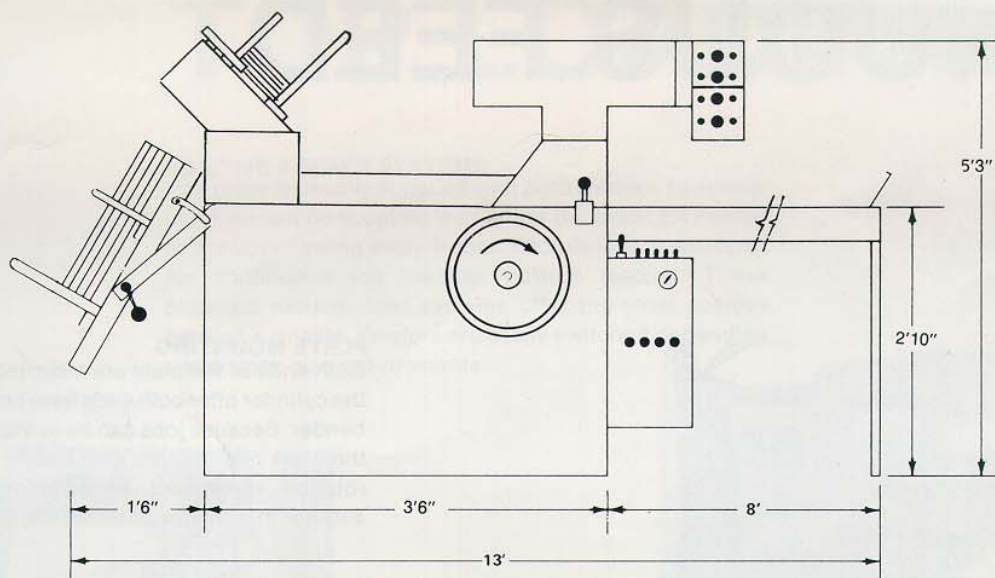
NEW YORK

CHICAGO

ATLANTA

LOS ANGELES

HOLLAND



SPECIFICATIONS

MACHINE WEIGHT AND SIZE:

2,000 pounds
3'6" wide, 5'3" high, 5' long plus delivery table.
8' 4-belt shingle type delivery table, 140 lbs.

ELECTRICAL:

Standard 220 volts, 3 phase, 60 cycles, 30 amp line. 4 wire.
Others available on request.

BLANKET SPECIFICATIONS:

.037" thick, including sticky-back.

DRIVE:

Variable speed (DC control) with timing belt drive.

PLATE SPECIFICATIONS:

Size — 19 15/32" x 12 1/4" x .008
Type — Lithographic one sided.

REGISTRATION ADJUSTMENTS:

Lateral: $\pm 1/16"$
Circumferential: Infinite
Skew: $\pm 1/2^\circ$

QUICK DISCONNECT:

On a two color press, if only one color is being used, the other fountain can be disconnected to prevent roller wear.

SPEEDS:

(UP TO)	1 —UP	2—UP	4—UP
(1 side) 3 1/4 x 4 1/4 up to #10	15,000	30,000	60,000
(2 sides simultaneously)	15,000	30,000	
(1 side) #11 to 9 x 12	15,000	30,000	
(2 sides simultaneously)	15,000		
(1 side) 9 1/2 x 12 1/2 to 12 x 18	15,000		

Optional Accessories

JOGGER:

Used primarily for sheet stock

STATIC ELIMINATOR:

To facilitate jogging and handling problems caused by excessive static when running sheet stock.

HIGH— SPEED MOTOR FOR DELIVERY TABLE:

This motor allows stock to be conveyed from machine and not shingled until it reaches the jogging station allowing maximum drying and elimination of static.

AUTOMATIC ALCOHOL METERING UNITS:

Meters alcohol for dampener at a pre-set rate.

STEP TABLE:

Separates documents on the delivery table at a pre-set quantity.

PHOTOELECTRIC PREDETERMINED COUNTER:

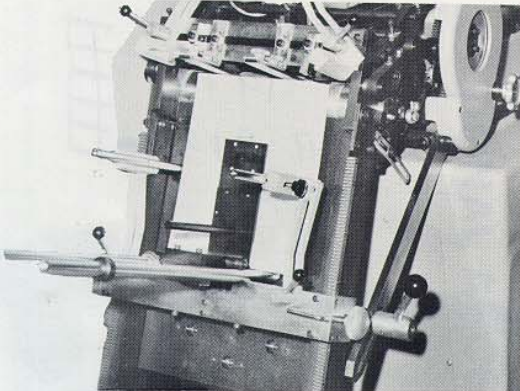
Automatically shuts off machine when pre-set count is reached.

JET—AID REGISTER SYSTEM:

A system for quick accuracy for stripping and plate making.

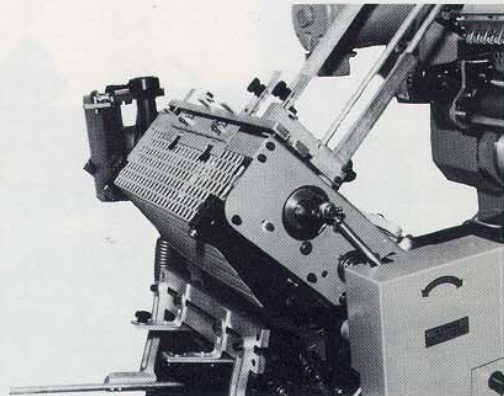
POSITIVE FEEDER SYSTEMS

The press is usually supplied with both feeders. However, machine can be supplied with either the lower EX Feeder or the upper swing away feeder. Each feeder is equipped for continuous top loading, bottom feeding. These patented vacuum feed systems offer the most positive feeding available. Feeders are easily switched depending upon stock size requirements.



EX FEEDER

Designed for feeding envelopes larger than a #10 commercial as well as letterhead stock (24 lb. minimum). Feeder angle is adjustable to handle many weights and types of stock. Feeder is equipped with outboard sucker assembly to handle heavy weight envelopes as well as other stock. Feeder is top loading, bottom feed. Hopper weights allow feeding down to the last piece of stock.



SWING AWAY UPPER FEEDER

This quick disconnect feeder allows high speed reliable feeding on most small size envelopes and cards. Window and coin envelopes are no longer a problem. In a short time this feeder can be switched with the lower feeder that handles the larger envelopes. This feeder is used primarily for envelopes up to and including #10 envelopes.

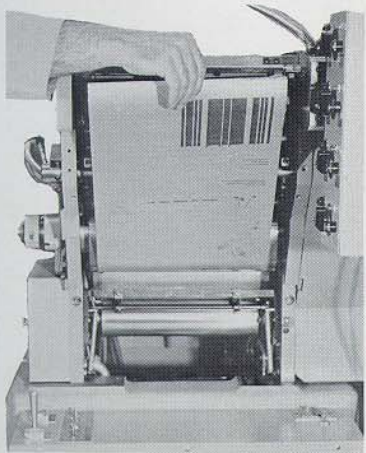
TWO SIDES IN ONE PASS

SPECIALS

The Super Jet will print both sides simultaneously up to 9 x 12. Full face printing on both sides on a cost-cut or bank mailing envelope can now be done in one pass. Clasp envelopes as well as latex envelopes can also be run on the machine.

BLEED

Because there are no grippers, it is possible to print a four-side bleed. Screening, tinting, and overprinting on stock envelopes can now be done on all sizes and shapes, both sides simultaneously. Ballot and proxy cards can also be printed both sides in one pass.



REGISTRATION

The plate cylinders can be rotated a full 360° and moved up to 1/8" laterally for accurately registering two colors. Both colors are transferred onto a common blanket cylinder and, once fixed, will remain in position. Trapping colors can be done easily. For easy blanket positioning, the entire blanket cylinder can be rotated independently. All adjustments are located externally.

HEAVY DUTY FOUR BELT DELIVERY TABLE

The heavy gauge slow speed shingle type delivery table is 8' long and has four belts. The speed of the table is independently controlled so that you may adjust the length and distance of shingling when the press speed is varied. Stop fingers hold stock firmly at the end of table for easy pick up. Table is equipped with convenient box holder, stacking tray, and utility shelf.

PLATE MOUNTING

Both ends of the plate are mounted into a skewing bar on the cylinder after both ends have been crimped in the plate bender. Because jobs can be multiple burned on the plate, the plate need not be changed as often. The 360° plate rotation adjustment allows change from one job to another in a matter of moments.

MAKEREADY

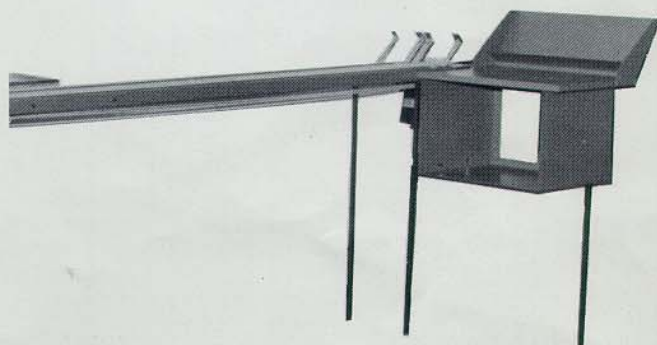
Because of the unique blanket arrangement, no makeready is ever needed. Bearers control plate-to-blanket contact.

DAMPENING SYSTEM

Each head has its own independently controlled Alcohol Dampening System allowing infinite control regardless of ink type or variation in solutions used.

INKING SYSTEM

Each ink fountain has its own independent, infinite flow control. The entire ink fountain detaches for easy cleaning.



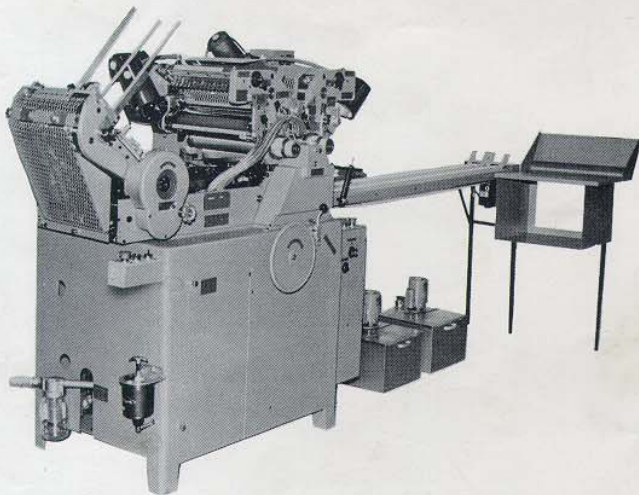
**ALL HALM PRINTING PRESSES ARE EQUIPPED WITH
INTERLOCKING GUARDS**

**TWO COLOR OFFSET
TWO SIDES IN ONE PASS**

MODEL JP-TWOD-P

JET PRESS PERFECTOR

**OFFSET QUALITY AT JET PRESS SPEEDS
THE MOST AMAZING OFFSET PERFECTOR PRESS EVER MANUFACTURED.**



REGISTER

Accurate register is maintained regardless of press speed. Pre-set pushers bring the document forward on the aligner chain assembly into the entrance roller area and printing station. Tapered aligner chain guides assist in maintaining side-to-side register. Printing from a common blanket cylinder insures accurate two color registration. As the press has no grippers, a four-side bleed is possible.

VERSATILITY

The two color Perfector offers you the capability of printing two colors, two sides simultaneously in one pass through the press at speeds up to 30,000 envelopes per hour. The machine can print two colors on one side at speeds up to 60,000 envelopes per hour. A perfector press can be used to print on one or two sides of the stock, depending upon requirements. Press can be ordered as a one color machine & converted to a two color after delivery. Perfector can also be added in this manner after delivery.

DAMPENER

Machine is equipped with alcohol dampening system. This unit is controlled by a variable speed D.C. drive motor so that a constant balance of ink and water can be maintained regardless of the operating speed of the press or types of ink used. This quick recovery dampener control lessens waste.

INKING SYSTEM

Infinite control motor driven ink fountain allows operator to keep ink flow at a constant level at all production speeds. Different types of inks can be used as each ink fountain is independently driven. Adjustable keys on ink fountain assist to control ink flow.

HALM

INDUSTRIES CO., INC.

GLEN HEAD, N.Y. 11545 - 1995
TELEPHONE: 516-676-6700 TELEX: 645551

**SALES AND SERVICE
THROUGHOUT THE WORLD**

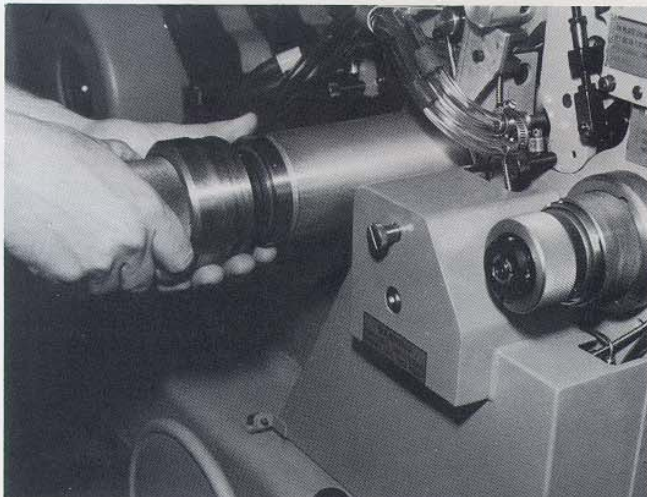
NEW YORK

CHICAGO

ATLANTA

LOS ANGELES

HOLLAND



MACHINE WEIGHT AND SIZE:

2,000 pounds
3'6" wide, 5'3" high, 5' long plus delivery table.
6' 2-belt shingle type delivery table, 140 lbs.

ELECTRICAL:

Standard 220 volts, 3 phase, 60 cycles, 30 amp line. 4 wire.
Others available on request.

BLANKET SPECIFICATIONS:

.037" thick, including sticky-back.

DRIVE:

Variable speed (DC control) with timing belt drive.

PLATE CYLINDERS:

Standard .008 thick one-sided offset plates are used. While most machines purchased are wet offset, machine is capable of printing dry offset with the use of special plate cylinders.

PLATE CHANGES:

Plate cylinder is removed from press to facilitate fast plate changes (see photo). Multiple-burned images allow four to six jobs to be run before plate change.

PLATE SPECIFICATIONS:

Size: 9½" x 12¼" x .008. Type: Lithographic, one sided.

FEEDING SYSTEM:

Top loading, bottom feeding.
This machine can be supplied with upper and lower feeders.

REGISTRATION ADJUSTMENTS:

Lateral: ± 1/16"
Circumferential: Infinite
Skew: ± 1/2°

SPEEDS:

(Up To)	1-Up	2-Up
3 1/4' x 4 1/4" up to #10 (1 side)	30,000	60,000
(2 sides simultaneously)	30,000	
#11 to 9" x 12" (1 side)	30,000	

QUICK DISCONNECT:

On a two color press, if only one color is being used, the other fountain can be disconnected to prevent wearing out rollers.

OPTIONAL ACCESSORIES

RETURN DELIVERY SYSTEM

Make operating a pleasure. Allows a few extra seconds for drying - stock shingles at 2nd stage table only. Returns to operator at 30° angle.

PHOTOELECTRIC PREDETERMINED COUNTER

Automatically shuts off machine when preset count is reached.

AUTOMATIC BAL CONTROL UNITS

Automatic alcohol metering units. Meters alcohol for dampener at a pre-set rate.

STEP TABLE

Separates documents on the delivery table at a pre-set quantity.

JET-AID REGISTER SYSTEM

A system for quick accuracy for stripping and plate making.

ALL HALM PRINTING PRESSES ARE EQUIPPED WITH A COMPLETE SET OF SAFETY DEVICES