

# TechLines

## Technical Information Sheet

B4

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## Bindery Support Equipment

### INKJET IMAGING & PERSONALIZATION

#### IN-LINE SYSTEMS (4)

**Prism WinBind Controllers** synchronize one-to-four inkjet printers with a saddle stitching binding line providing reorder of rejected books and zip control for counterstackers. Can synchronize up to three 5120s, one Bitjet or one PrintPro printers.

#### KODAK 5120 PRINTHEAD (9)

Inkjet printers that use water-based inks (black or red) in a 1" print bar for in-line applications. 120 dots per inch resolution.

#### VIDEOJET SR50 PRINTHEAD (2)

#### VIDEOJET Bx6500 PRINTHEAD (2) [120 Resolution]

Off-line inkjet system that uses MEK-based black ink and a 2" print bar. Used on our mailbases or perfect binders for outside-only imaging of addresses, graphics and other personalization. 100 dots per inch resolution.

**Note:** *Although the MEK-based printers are able to image on UV coating and film laminates, these substrates affect the print quality so that there is no promise that postal barcodes will pass USPS MERLIN testing.*

### IN-LINE FOLDING

#### VIJUK CHOP FOLDER

In-line folder able to fold saddlestitch mailpieces to qualify for letter-size postal rates.

Can fold either parallel or perpendicular to the spine.

*Please request a folded sample if you are considering this option – this final fold does result in some gussetting and pushout.*

Length of folded edge can not exceed 12".

### TABBING

#### KEPES DOUBLE HEAD IN-LINE TABBER (2)

In-line application of tabs to the head and foot for lettersize postal discounts.

Always used in-line with a saddle stitcher.

Applies three tabs on opposite edges [head and foot] in one pass.

Works on mailpieces 3-1/2" x 7" up to 9" x 11-1/2", 5/16" maximum thickness.

#### PROFOLD DOUBLE HEAD IN-LINE TABBER

Off-line application of tabs to the head and foot for lettersize postal discounts.

Applies three tabs on opposite edges [head and foot] in one pass.

Works on mailpieces 3-1/2" x 7" up to 9" x 11-1/2", 5/16" maximum thickness.

#### PROFOLD SINGLE HEAD TABBER (2)

Applies tabs on one edge.

Works on mailpieces 4" x 5" up to 11" x 14", 5/16" maximum thickness.

## **DUPLO DESKTOP FOLDER/TABBER (2)**

Used with digital printing.

Applies two tabs on face edge of folded self-mailers, single sheets only.

## **FOR ALL TABBERS**

Standard tab available – 1-1/2" [postal requirement] translucent circle.

Other tabs available by special order. [Postal requirements for booklets are 1-1/2" minimum diameter non-perforated USPS-approved tabs.]

## **OUTSIDE STICKER/"STICKY NOTE" PLACEMENT**

### **LABEL AIRE 3100 & 3111**

*Affectionately known as a "dot whacker,"* this machine applies stickers/sticky notes to front or back cover.

For stickers, works with 3/4" circles to 4"x5" rectangles and any odd shapes in between.

For "Sticky Notes" – know as USPS Repositional Notes, these must be 3" by 3" plus/minus 1/8" in either dimension. The adhesive strip on the back must be a minimum of 3/4" wide and it can't be manually affixed.

Please consult with us before ordering materials to ensure machinability and review Domestic Mail Manual at <http://pe.usps.com/text/dmm300/709.htm> – then scroll to section 6.0.

## **SHRINK WRAPPING**

### **ARPAC SHRINK-PACKAGING SYSTEMS**

Can run in-line with any binder, independently or after the automatic drill.

Plastic wrap is applied from rolls – one on top, one on bottom. There are openings on both sides of the stack; front and back of the package are sealed.

There are two thicknesses of shrink wrap available. The heavier gauge is usually used for brick skid or UPS drop shipments and the lighter for items being boxed.

Maximum package dimensions: 9-1/2"H x 14"L x 11"W      Minimum package dimensions: 3/4"H x 6"L x 7"W

### **SHANKLIN HS-I POLYBAGGER**

Used for shrink wrapping with heat tunnel.

Entire package is sealed on four sides – air vents allow film to shrink.

Maximum pile height: 5"

Various thicknesses of film are available. We stock several types of film but special order films can take four weeks to arrive.

Four stream feeders for collating multiple pieces for polybagging.

### **L-BAR SEALER**

Manual shrink wrapper where books are slid in between two halves of a folded sheet of plastic and the sealer closes the open sides. The package has no openings.

Maximum package dimensions: 9"H x 12"L x 14"W. No minimum dimensions.

Can be used as a substitute for polybagging for short runs.

## **TRIMMERS**

### **VIJUK SCHNEIDER-SENATOR 45-1/4" SC VIDEO CUTTING SYSTEM**

### **EUROCUTTER MONITOR 1320 52" CUTTER with DIPLOMAT PERIPHERALS**

Both trimming systems include a jogging station, air transfer tables and restacker.

## FOLDERS

### STAHL

Maximum sheet size: 30.7" x 45.6"

Minimum sheet size: 6" x 8"

Includes vertical perforating of bind-in cards; slitting wheels for 2- or 3-up cards.

Able to wet-score products that must be printed grain wrong.

Stahl can be fitted with **Tri-Creaser** attachment to eliminate cracking on coated stocks.

We do not offer in-line gluing.

### BAUM

Maximum sheet size: 19" x 25-1/2"

Minimum sheet size: 4-1/2" x 5"

## DRILLING

### HFD ULTIMATE AUTOMATIC DRILL (2)

Each can be operated in-line with any binder or independently.

Up to 5 hole configuration. Drill sizes available – 1/8", 3/16", 1/4", 5/16", 3/8" or 1/2"

### CHALLENGE MANUAL DRILL

Up to 5 hole configurations. Drill hole sizes – 1/8", 3/16", 1/4", 5/16", 3/8" or 1/2"