

TechLines

Technical Information Sheet

B4

©1994 • Revised August 2004

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 PRINTPRO PRINTHEAD

Methyl-Ethyl-Ketone (MEK) solvent-based ink and a 2" print bar for in-line addressing and personalization. Not used for any inside printing as the head must be kept vertical. 120 dots per inch resolution.

DOMINO BITJET 212 PRINTHEAD

2" print bar that uses MEK-based black ink. Large memory for graphics storage. Outside only. 120 dots per inch resolution.

VIDEOJET SR50 PRINTHEAD (2)

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

PROFOLD DOUBLE HEAD IN-LINE TABBER

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

Standard tab available – 1" white circle; clear, colored, translucent or perforated by special order.

Not available with the in-line chop folder.

PROFOLD DELUXE OFF-LINE TABBER

Applies 1 or 2 tabs on one edge or 1 tab anywhere.

Must be used in conjunction with another machine (ie. Kirk-Rudy mailbase) to feed.

Standard tab available – 1" white circle; others available (1/2" to 3" diameter) by special order.

Maximum size: 11"x14"; width of the tabber is 11", tabs applied on the 14" dimension.

Minimum size: 4"x5"

Maximum thickness: 5/16"

OUTSIDE STICKER/“STICKY NOTE” PLACEMENT

LABEL AIRE 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"