



Inveloper - Finishing System

KEY FEATURES

- Increased operating speeds — up to 30,000 mailpieces per hour
- Lower cost per piece — through lower materials cost and increased throughput
- Windows - duplicate the look of traditional envelopes with die cut and window film capability
- More efficient processing — significantly fewer stops results in higher system efficiency
- Reduced material handling — a typical “invelope” roll will produce approximately 35,000 pieces
 - run for more than an hour without a roll change
 - Eliminate warehouse racks and free up space by eliminating pre-made envelopes
- Environmentally conscious — eliminates envelope boxes and cartons
- Robust, reliable solution — engineered to provide worry-free production and increased profitability

Enable the move to Plain Paper Factory with personalization, integrity, and productive processing

Bell and Howell’s Inveloper™ finishing systems are designed to yield dramatic messaging improvements, optimize your color printing assets, yield high processing efficiencies and reduce costs.

Today, consumers are inundated with communications from multiple sources. It’s imperative that your marketing messages are highly effective and generate the highest response rates at the lowest cost possible. Bell and Howell Inveloper finishing systems fully leverage your color printing capabilities, enables a complete white paper to finished mailpiece process and converts envelopes into truly cost-effective, high-impact messaging vehicles. Inveloper systems reduce costs by transforming your mailpiece assembly process into a single continuous workflow without the limitations of processing traditionally manufactured envelopes.

FLEXIBILITY

The Inveloper system employs rotary feeders as the primary feeding technology. Benefits include the following:

- » More versatile – handles wide range of paper types and conditions
- » Uses vacuum separation for positive control of the material
- » Eliminates wear mechanisms associated with other feeding technologies
- » Dual gripper design virtually eliminates skew compared to lower cost single gripper designs

- » Captured cams allow much higher speeds without “cam lofting” typical of lower cost designs
- » Large diameter feeder drum minimizes feeding problems

In addition to the standard rotary feeder, additional feeder options are available for a wide range of production requirements, including rotary feeders with separator disk, shuttle feeders and friction feeders. Modular insert feeders can be changed after system installation.

EASY TO USE AND SET UP

Intuitive operator adjustments shorten the “learning curve”, and fewer adjustments result in increased reliability because there are fewer parts to fail.

At the heart of the Inveloper system is a unique process for creating finished mailpieces using envelope material from a roll. Paper used for the Inveloper finishing system is unwound from a roll into a continuous web, window openings are die cut and covered with film, and pressure sensitive adhesive is applied to the web and used for sealing. The collated contents are introduced into the web which is formed around the contents in a continuous motion.

A rotary cutter is then used to cut through the formed and sealed web to create finished individual mailpieces. The Inveloper 30 system also features a number of other advantages over competitive systems, including:

- » Servo controlled rotary cutter ensures high accuracy and consistency
- » Cuts through a single cross-glue line, eliminating open edges on the envelope (envelope material is sealed all the way to the edge)
- » Centering guides for collated set and outside envelope material provide higher quality finished mailpiece and shorten job change over time
- » Pre-printed paper registration unit allows system synchronization and accurate cutting relative to the printed image on the envelope material
- » Accurate and reliable application of glue on the web ensures a secure finished mailpiece

SIGNIFICANT BENEFITS IN PERSONALIZATION AND PRODUCTIVITY

Combined with new color print technology, the Inveloper can generate unique, personalized mailpieces that can be intermixed within the Inveloper runs. This results in efficient job processing and potentially significant postage savings.




COMMON SPECS	
Max cycle speeds	> Inveloper 20: 20,000 cycles per hour > Inveloper 30: 30,000 cycles per hour
Feeder types	> Friction > Rotary > Shuttle
Envelope sizes	Minimum: 4.7" x 6" (119.4 mm x 152.4 mm) Maximum: 11.8" x 13" (399.7 mm x 330.2 mm) Maximum collation thickness: 0.37" (9.4 mm)
Insert sizes	Minimum: 4.3" x 3.2" (109.2 mm x 81.3 mm) Maximum: 11.8" x 9.8" (299.7 mm x 248.9 mm)

 FOR MORE INFORMATION VISIT: BELLHOWELL.NET



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