New Self-Mailer Solutions

BAUM has introduced new complete self-mailer systems providing compact and affordable folder/gluer machines that can produce multiple self-mailer impositions. These complete folder/gluer machines use the, durable and world leading BAUM 714XLT Ultrafold air/vacuum feed folder combined with the easy to use and maintain GMS Microglue control and glue head system. This complete system is affordable and also uses much less floor space than other self-mailer solutions. One of the unique features being offered is the capability to create "Z" and Double Parallel self-mailers in just one pass complete with glue on three sides and perforations on two ends parallel to each other.

There are two models available, **the 714XLT- 4G and the 714XLT- 8G.**

The 714XLT- 4G has a 4 gun cold glue system mounted on the feed table area of the folder and can produce: Half and Letter Fold self mailers.

The 714XLT- 8G has a total of 8 cold glue guns with 4 mounted on the feed table area and 4 more mounted in the #1 fold plate area and can produce Half, Letter, Z, and Double Parallel.

Both models are equipped with the following standard features:
➢ (3) Segmented urethane folding rollers for all idler rollers
➢ (2) Lines of perforating tooling
➢ (10) 64 tooth perforating blades
➢ (8) Pullout tire assemblies for the exit shafts
➢ Mobile cart to enclose folder air/vacuum pump and mount glue tanks
➢ Pre-assembled glue system with minimal installation time
➢ GMS controller with mounting post
➢ Easy purge system to clean valves
➢ Gear-driven folding rollers
➢ Variable speed DC folder drive
➢ Total sheet counter
➢ Can be used to create self-mailers and or regular non-glued folds
➢ Available in either 110/1/60Hz or 220/1/50Hz electrical configuration
➢ Loading and unloading at the same end of the folder
➢ Rack and Pinion gearing side guides on the feed table
➢ Simple DC drive control for folder
➢ Safety clutched hand wheel, recessed in side cover
➢ Includes air/vacuum pump located in cart

Examples of possible self-mailers

Half fold Self-mailers that can have a line of glue on the right hand and left hand edges and (2) dots to seal the piece closed on the third side parallel to the folded edge. Two lines of perforation for easy tear-off are also possible on the right hand and left hand edges using the perforating tooling provided with the BAUM 714XLT folder.
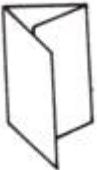
Letter fold Self-mailers that can have a line of glue on the right hand and left hand edges and (2) dots to seal the piece closed on the third open side. Two lines of perforation for easy tear-off are also possible on the right hand and left hand edges using the perforating tooling provided with the BAUM 714XLT folder.
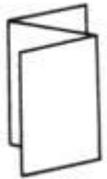
"Z" fold Self-mailers that mailers that can have a line of glue on the right hand and left hand edges on all panels on the inside and (2) dots to seal the piece closed on the third and 4th open sides. Two lines of perforation for easy tear-off are also possible on the right hand and left hand edges using the perforating tooling provided with the BAUM 714XLT folder.

Double Parallel Fold Self-mailer mailers that can have a line of glue on the right hand and left hand edges on all panels on the inside and (2) dots to seal the piece closed on the third and 4th open sides. Two lines of perforation for easy tear-off are also possible on the right hand and left hand edges using the perforating tooling provided with the BAUM 714XLT folder.

Fold Type	714XLT- 4G	714XLT- 8G
Half Fold	Yes	Yes
"Z" Fold	No	Yes
Letter Fold	Yes	Yes
Double Parallel Fold	No	Yes

Note that more folds can be produced on both models other than the self-mailers above for folds that are not designed for self-mailers/ gluing.

GMS HP Series Glue Head

This valve allow the applicator to be purged of glue and cleaned with fresh water in a matter of seconds thanks to the HP's electric purge switch located directly on the gun. The HP's shutters mechanism automatically opens and closes whenever the machine starts and stops. This design dramatically reduces the need for wiping or cleaning the nozzle orifice between uses. The pneumatically powered shutter's rubber pad securely covers the orifice so that any glue within remains ready to use.

The HP's ability to operate with a wide range of adhesive viscosities makes it equally at home in a broad range of applications

HP Series Glue Head

GMS Controller

The **microglue**® 428 is the simplest and easiest to use 4 channel pattern controller available on the market today. Each channel is capable of being programmed for two separate events each a line, dot or stitch pattern. The 428 high power constant current outputs can be configured to allow you to operate many different types of glue or tape applicators. The 428 allows real time

adjustments to its outputs, making it simple for operators to get the exact pattern needed. The systems distance based pattern stitching capability allows each event to be programmed to apply multiple glue patterns. Features such as 4 optical sensor inputs dual encoder inputs proportional control of glue pressure and shutter and pump controls make the 428 a very versatile controller. Like all GMS pattern controls the 428 incorporates our patented speed compensation, output cutoff speed and optical sensor lockout features.

BAUM 714XLT Folder

Baum tabletop folders have been the industry leaders for over 3 decades, and the new 714XLT is no exception. Designed for operator convenience and high-productivity, the 714XLT is built for long-lasting performance, day-in . . . day-out, year after year! It features 1/4" thick tooling plate side frames, rigidly connected with 3/4" steel cross bars, solid steel stacker wheels and sealed ball bearings, ensuring stability, reduced maintenance, and increased service life. And it's fast, at over 35,000 8-1/2" x 11" sheets per hour.

The 714XLT can handle coated or uncoated paper sizes from 3" x 5" up to 14" x 20", with an extra-long feed table to accommodate the larger sheets. Rack-and-pinion side guides with bias adjustments improve handling out-of-square paper. Also, the positive, dual-locking paper guides help maintain positive sheet registration.

714XLT Specifications:

Type folder .... Air/ Vacuum feed, bottom feed
Maximum sheet size parallel .... 14" x 20" (35.5 x 50.8 cm)
Maximum sheet size right angle .... 13.5" x 14" (34.2 x 35.5 cm)
Minimum sheet size .... 3" x 5" (7.6 x 12.7 cm)
Maximum size fold – #1 or #2 plate .... 13.5" (34.3 cm)
Minimum size fold .... 2.25" (5.7 cm)
Maximum paper weight .... 65 lb cover
Feeder pile height .... 2" (5.1 cm)
Fold roll diameter .... 1.5" (3.8 cm)
Fold roll material .... Polyurethane
Fold roll speed ....Variable between 0"/min and 7200"/min (0 to 18,288 cm/min or 182 m/min)
Operating voltage ....110 VAC - 60 Hz or 220/1/50 Hz.
Note that production speeds for self-mailers are determined by the efficiencies of the glue system. Production folding speeds for self-mailers with glue will be less than production speeds of non-glued folded products. Consult your BAUM sales representative for more information on production speeds.

Maintenance Free Sealed Ball Bearings:
There is no need to spend valuable time lubricating the bearings on the 714XLT. The use of sealed ball bearings eliminates lubrication and provides long-lasting drive train life.

Space and Energy Saving Design:
The operator can load the feed table and unload the folded sheets on the same end of the folder. This saves valuable space and helps eliminate operator fatigue.

The NEW 714XLT-4G and 714XLT-8G offer a unique self-mailer solution providing:
Quality, Innovation, Ease of Use, Affordability and Reliability

For more information on the entire system complete contact your local BAUM sales representative or contact the BAUM sales department at:

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