BAUM Large Format Independent Folding Units

Baum offers multiple solutions to add additional folding stations to existing large format folding machines or for inline solutions with other finishing applications.

Other applications may include but are not limited to:

- In line with stitching machines
- In line with forms cutters and bursters
- In line with creasing / scoring machines
- In line with digital print engines
- In line with mailing bases
- And more

Baum offers a selection of coupling modules to adapt the Baum buckle and knife folders to previous series Baum folders and select other models.

Specifications - Baum 32 with Continuous Feeder:

- Maximum sheet size: 32.89" x 50.39" (832mm x 1280mm)
- Minimum sheet size: 5.91" x 7.09" (149mm x 181mm)
- Sheet blow: Front and side blow standard
- Fold roller diameter: 1.75" (44mm)
- Fold roller style: Soft FU Full Combination
- Sitter shaft design: Removable, adjustable center
- Sitter shaft diameter: 1.38" (35mm)
- Fold Plates 1st section: 2, 4, 6 or 8 (swing deflector)
- Fold Plates 2nd section: 2, 4, 6 or 8 (swing deflector)
- Fold Plates 3rd section: 2, 4, 6 or 8 (swing deflector)
- Optional combination fold plates are available.
- Minimum fold length: 1.75" (44mm)
- Folder Drive: AC Inverter
- Mechanical drive: Belt and gear
- Gear lubrication: Pressurized cartridge
- Bearings: Sealed ball bearings
- Electric: 220V/50Hz

NOTE: Specifications subject to change without notice.
BAUM 32 Large Format Folder

Crosscarrier
Non-marking cross carrier rollers are synchronously driven by toothed belts to provide non-slip drive of sheets. Combined with heavy-duty solid aluminum marble guide and solid steel bar paper guide for long wear and stability. Macro and micro-adjust are standard for placement of the guide.

Register
NEW PRISM Side Guide
Better sheet control is achieved with the superior profile of the Baum 32 Prism side guide. This precise profile guides both thin and thick stock weights in a unique and accurate profile much greater than simple sheet metal register guides.

Sealed Ball Bearings
No routine lubrication of the folder bearings saves time and money.

Positive Helical Gear Drive
A quiet, positive drive ensures tight, consistent folding without “soft” folds.

Front & Side Blow Control
A convenient and easy adjustment of air blow to the front of the sheets using three zones to increase or decrease the air volume independently where needed. Individual adjustment is also included for right and left side blow volume.

Vacuum Wheel
The vacuum control valve is located directly in the same housing as the vacuum feed wheel. This provides greater vacuum control and response time for consistent sheet feeding.

Side Blow
In addition to the advanced front air blow, the side blow provides portable air separation using simple adjustable floating paddle and side air tube design to place air blast where it is needed most for consistent feeding.

Upper Table Extension
A unique hinged design allows the table to be set at three different angled positions. This provides the operator convenient access to the vacuum wheel, and minimizes use of floor space.

State-of-the-Art Controls
The Baum 32 operator control panel provides several exclusive features that improve productivity including:
- Learning Mode
- Machine Monitoring Modes
- Diagnostic Messages
- One-Sheet Setup Mode
- Counting Functions

Operator controls are provided at each folding section, including a convenient setup selection control button for test sheets.

BAUM 32 Floor-Model Folder with Continuous Feeder, 8 & 16-Page Right Angles, K20 Knife Folder & Delivery Stacker

BAUM 32 Continuous Feed Folder 1st Station with 2-tiered Stacker

BAUM 32 Continuous Feed Folder with 8- and 16-page right angle sections & two-tiered stacker

Spring-Loaded Feed Board
Maintains constant pressure on the sheets to keep them tight against the rear drum as they travel around to the lower table for consistent sheet shingling.

Roller Settings
Fast, accurate and easily accessible setups with micrometer adjustments to handle any stock, for any job. The “zero” reference lets the operator make adjustments and return back to the “zero” settings.

Combination Fold Rolls
The Maxi-Grip fold roll technology is a combination of straight segment polyurethane rings and steel knurling, designed so that the polyurethane overlaps between adjacent folding rollers. This provides MAXIMUM GRIP and sheet travel control with non-marking capabilities. The Maxi-Grip folding rollers are available with soft polyurethane standard and optional hard polyurethane to accommodate a wide range of stocks with paper weights as low as 50gsm.

Slitter Shafts
The heavy-duty 35mm diameter slitter shaft removable design provides easy setup for perforating, scoring and slitting applications. Corrosion-free components are always easy to remove. A removable draw roll with adjustable exit wheels give firm control and placement of sheets. Optional lift kits are available for slitter shaft removal. Optional second set of slitter shafts is available.

Fold Plates
Ease of setup and precision folding are achieved using the swing deflector fold plates. All fold plates are heavy-duty fabricated construction with minimal surface contact with the sheets to allow the paper to travel effortlessly through the folder for smoother, faster operation. Micro-adjust, skew adjust and bottom lip adjust are standard features. Optional combination design fold plates are available.

Parallel, 1st station buckle fold units are available in 4 and 6 plate configurations
8-page, 2nd station buckle fold units are available in 2, 4, 6 and 8 plate configurations
16-page, 3rd station buckle fold units are available in 2 and 4 plate configurations
K20B knife folder can be utilized for 2nd, 3rd, or 4th station 32-page configurations
1660 Campbell Road, Sidney Ohio 45365
Phone: 800/543-6107 or 937/492-1281, Fax: 937/492-7280
See us on the internet at www.baumfolder.com or e-mail baumfolder@baumfolder.com