

Specifications - Baum 2018

Type folder	Pile Feed
Maximum Sheet Size	457 x 635mm
Minimum Sheet Size	102 x 152mm
Fold Rolls (Standard)	Combination Poly/steel
Electrics (Standard)	220/1/60
Pump Drive	1-1/2 HP
Pile Stack Height	635mm
Baumset Roller Settings	Standard
Fold Plates	2 per section [1 up, 1 down] 3rd and 4th fold pans optional
Slitter Shaft Diameter	22mm
Speed	208280 mm/min or 208 m/min
Fold Roll Drive	3/4 HP AC Inverter
Shipping Weights:	
Pile/Par/Stacker	1252.5kg
8-Page	871.5kg

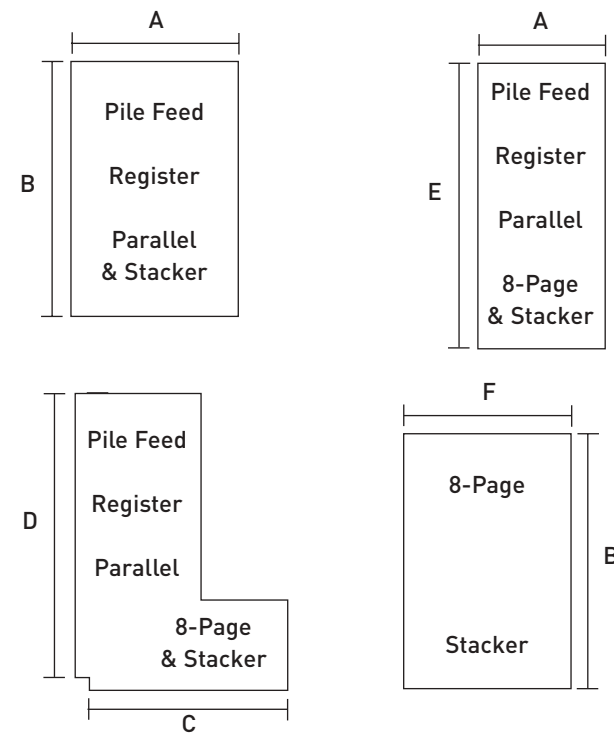
- 8-Page Right-Angle units available which can be used as Right-Angle or in tandem, for additional parallel folds
- Combination fold rolls
- Two fold plates standard with four plate capacity
- Sealed ball bearings
- Automatic grease canister
- Helical gear drive
- Plated cross-carrier rollers
- Marbleholder bias adjustment
- Marbleholder micro-adjustment and sheeters
- Easy makeready fold plate
- Adaptable for in-line bursters and sheeters
- Sound covers included as standard

Available Options

- Wet Score
- Remote Control
- Jam Detector
- Static Eliminator
- 8-Page Right Angle
- Additional Fold Plates
- Gatefold Attachment
- Split Guide
- Marble Controller
- Mobile Stacker
- Conversion Kit
- Rotocreate

Floor Plans (mm): Baum 2018

A = 1443 B = 2515 C = 2515 D = 2616
E = 3886 F = 991



Baum Model 2018 Paper Folder



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Pitney Bowes is the world's leading provider of integrated mail and document management systems, services and solutions. The \$4.4 billion company helps organisations of all sizes engineer the flow of communication to reduce costs and increase impact, and enhance customer relationships. The company's 80-plus years of technological leadership has produced many major innovations in the mailing industry and more than 3,500 active patents with applications in a variety of markets, including printing, shipping, encryption, and financial services.

Pitney Bowes Document Messaging Technologies (DMT) serves the highest volume mailers with a complete range of hardware, software, technical support and financial and professional consulting services, providing solutions that can be physical, digital or a hybrid of the two.

Pitney Bowes certifies that the 2018 Paper Folder complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC.

Specifications are subject to change without notice. Performance may vary depending on exact job configuration and environmental conditions.

AD134UK (03/04)

Baum - 2018 Paper Folder

From the impressive new appearance to the multitude of enhanced and improved features, the Baum 2018 promises to boost your bindery's productivity and give you years of trouble-free operation. The Baum 2018 is the perfect transition from tabletop to floor-model folding. You can fold the same jobs as your tabletop, but with higher production capacity. The 2018 easily handles 216 x 279mm to 355 x 508mm nominal sheet sizes.



Fabricated Fold Plates

Heavy-duty precision fabricated fold plates allow the paper to slide through the folding machine effortlessly for smoother, faster operation.

Slitter Shafts

Heavy-duty 22mm diameter slitter shafts are ground and polished high-grade steel for precision slitting, scoring, perforating and smooth movability of accessories. Baumfolder's exclusive adjustable slitter shaft design places micrometer adjustment at the slitter shafts to compensate for various paper thicknesses and a wide variety of applications.



Automatic Lubrication

An automatic lubrication canister eliminates messy routine grease maintenance and guarantees smooth running gears.

Helical Gear Drive

The steel helical gears are coupled to the fold rolls providing solid reliability. A positive gear drive assures no slippage between fold rolls for more consistent folds.



Model 2018 Pile Feeder Parallel
• 8-Page • Stacker



Combination Fold Rolls

The finest fold rolls available combine the precision of knurled steel with the durability of urethane, providing control of slippery coated or heavily-inked stocks. Even the newer quick-set inks are no problem. The combination fold rolls have been tested for wear resistance and engineered to eliminate "soft" folds.

Built for Safety

- Full operator safety guarding including fold roll nip guards
- Electrical overload protection
- Disengaging safety handwheel does not rotate while running
- Sound covers included as standard



New Easy-set Double Sheet Calliper

Quick and easy to adjust, the double sheet calliper saves the operator time and trouble. Simply insert the actual stock being run for correct adjustment on every job.

State-of-the-Art Controls

The Baum 2018 Operator Control Panel provides several exclusive features that improve productivity including:

- **Easy Mode** – Automatically sets the sheet gap and vacuum duration length.
- **Learning Mode** – Automatically measures and displays the length of the sheet and sets sheet gap and vacuum duration. Adjustments to sheet gap and vacuum length can be made at any time.
- **Machine Monitoring Modes** – Includes convenient viewing of Machine Speed, Job Run Time, Job Makeready Time, Units of Measure, Language, Power On Time, Machine Run Time, and more.
- **Diagnostic Messages** – The folder has several messages that can be displayed on the counter readout to assist the operator. Error indications and running parameters are displayed for: Double Sheet Detection, Stop Button, Motor Overload, Jam Detection with optional Jam Detector, and many more.
- **Counting Functions** – A built-in Batch and Total Counter are standard. An optional Exit Total Count Sensor can be added to confirm sheet count from the beginning to the end of the folding process.
- **PC Network Connectivity** – The folder can be connected to a remote PC to provide folding data, job run time, pause time, job number, employee[s] number, job stop time, job makeready time, rate per hour, total job count and more.



Baumset Roller Settings

Fast, accurate setup with accessible micrometer adjustments to handle any stock, for any job. The "zero" reference allows the operator to make adjustments and still come back to "zero" settings.



Electronic Pile Height Sensor

The feeder features an electronic pile height sensor for better feeding consistency. The sensor is located closer to the sucker wheel for a more accurate reading, even with wavy sheets.



Patented Double Blow Bar

This patented double blow bar system keeps the pile floating at the top for good separation and better feeding. No side-blow assistance is needed, and make-ready is greatly reduced.