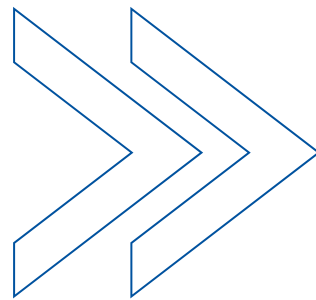


Specifications - Baum 2020

Type folder	Continuous Pile	
Maximum Sheet Size	521 x 838mm	521 x 838mm
Minimum Sheet Size	102 x 152mm	102 x 152mm
Fold Rolls (Std.)	Combination Poly/steel	Combination Poly/steel
Electrics (Std.)	220/3/60	220/3/60
Pump Drive	3 HP	1-1/2 HP
Pile Stack Height	--	635mm
Baumset Roller Settings	Standard	Standard
Fold Plates	3 per section - 4th fold pan optional	3 per section - 4th fold pan optional
Slitter Shaft Diameter	29mm	29mm
Speed	208280 mm/min or 208 m/min	208280 mm/min or 208 m/min
Fold Roll Drive	3/4 HP AC Inverter	3/4 HP AC Inverter
Shipping Weights:		
Pile/Par/Stacker	--	1253kg
Continuous Feeder only	1350kg.	--
Parallel/Stacker [for continuous]	788kg.	--
8-Page	713kg.	872kg
16-Page	713kg.	872kg



Baum Model 2020 Paper Folder

Continuous & Pile Feed



Engineering the flow of communication™

Pitney Bowes Limited

Document Messaging Technologies
Raleigh Way
Feltham TW13 7NQ

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Fax: +44 (0) 20 8465 4646

email: enquiries@pbdmt.com
www.pbdmteurope.com

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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.

CE Pitney Bowes certifies that the 2020 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.

AD135UK (03/04)



Folding solutions for the future

The Baum 2020 Model paper folder is undoubtedly the best folding machine ever built in America. From the impressive appearance to the multitude of enhanced and improved features, the Baum 2020 folder promises to boost your bindery's productivity and give you years of trouble-free operation.



2020 Pile w/8 & 16-Page Right-Angle Units

- 8-Page & 16-Page units available
- Can be used as Right-Angle or in tandem, for additional parallel folds
- Combination fold rolls
- Three 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
- Easy makeready fold plate
- Sound covers included as standard



Split Guide

Slit folded 2-up sheets in half when exiting the parallel folder, then fold in the right angle unit.

Gatefold Attachment

Increases versatility and profitability. Can be mounted in the parallel or 8-page. Precision solid state timing control for ease of operation and quick job changeovers.

Other Baum Machines



2020 Right Angle Rollaway Units



2020 w/Right-Angle in Tandem



K20 Knife Folder



2020 In-Line Document Processor



EF14 Endless Feeder



VDS Vertical Stacker

Baum 2020 Accessories



Two-Tiered Rollaway Stacker

Ergonomically designed, convenient.



Marble Controller

Marble Controller: Controls the last four marbles to ensure square folds [right angle only].



Mobile Stacker Conversion Kit

Converts existing hang-on stacker to free-standing mobile unit, with adjustable height mechanism.



Remote Control

A portable control for sending test sheets, control sheet feeding and folder from delivery, and assisting setup of perforating, scoring and slitting.



BaumScore

For perforating, slitting or scoring heavier stocks.



Jam Detector

Automatically stops the folder and gives diagnostic message when paper jam occurs.



Static Eliminator

Neutralises the electric charges by creating an ionisation field.



Sound Covers

Sound Covers: Easily removable in less than a minute, without tools.

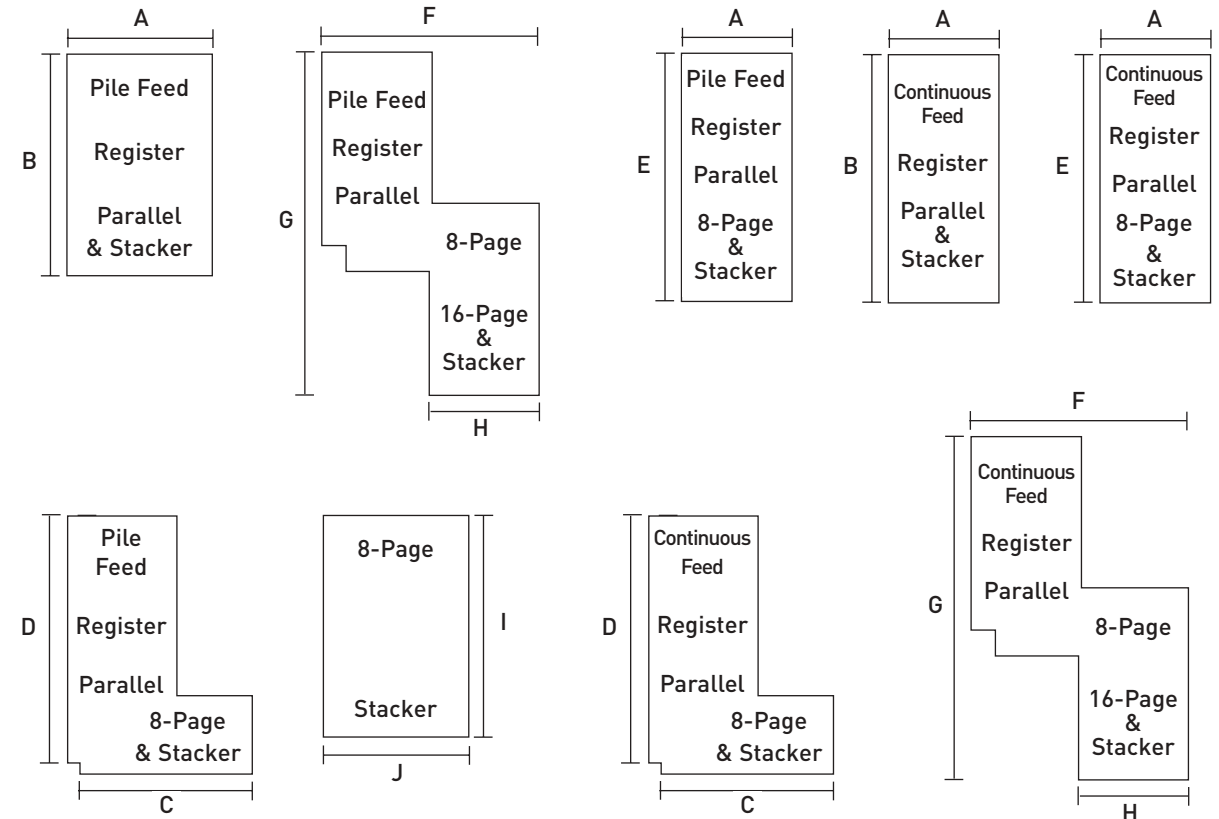
State-of-the-Art Controls

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.

Floor Plans (mm): Baum 2020

Model 2020	A	B	C	D	E	F	G	H	I	J
Pile	45	112	99	115	165	100	174	40	93	39
Continuous	45	143	99	153	200	100	196	40	93	39



Baum - 2020 Paper Folder



Fabricated Fold Plates

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

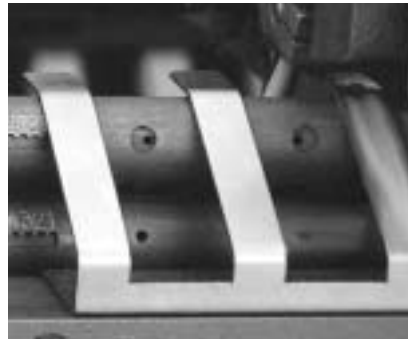
Slitter Shafts

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.

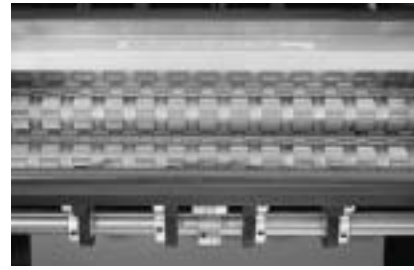


Patented Double Blow Bar

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.

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.



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.



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.



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.



Model 2020 Floor-Model Folder

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



Continuous Feeder Rear Drum

The exclusive rear drum design on the continuous feeder requires minimal adjustment for setup. It provides a large drum that can handle small and large sheet sizes. The spring-loaded bottom board automatically provides the proper pressure to sheets entering the bottom board to maintain consistent sheet shingling for maximum productivity.

Continuous Feeder

The Baumfolder 2020 Continuous Feeder features sturdy, solid-steel frame construction and an exclusive drive system with both forward and reverse direction for easier loading and unloading. Front and side air blow are standard to provide complete separation and floatation on all stocks. The low profile top board design makes loading easier, with less operator fatigue and a high loading capacity. Makeready time is reduced using the patented "Easy-Set" front blow bar and the unique leading-edge sheet sensing device.

