

BAUM 20 – Folding Enhancements Add Versatility & Profitability

Optional Folding Enhancements

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FOLDERS • CUTTERS • DRILLS • FINISHING • GENUINE PARTS

See inside for more details



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

Two-Tiered Rollaway Stacker: Ergonomically designed, provides mobility, height and angle adjustment, with a 48" total collection length.

Lift Kit: Enables right angle folders to be adjusted from normal production height to 6" higher for special applications.

Exit Kicker: To create a marker in the stream of folded product for batching.

Jam Detector: Automatically stops the folder when paper jam occurs.

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

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. It can be mounted in the parallel or 8-page folder. Precision solid state timing control for ease of operation and quick job changeovers.

BaumScore: For perforating, slitting or scoring heavier stocks.

BaumCrease: Provides high-quality scoring with choice of six groove widths.

Sound Covers: Provide sound reduction for high-frequency noise level created while folding, reducing operator fatigue.

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

Independent Power Boxes: Provides capability to operate right angle Baum folders with previous series folders or with other equipment for special and unique applications.

Static Reducer: Neutralizes the electric charges by creating an ionization field.

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

Document Processor
Baum 20 In-Line
K20 Knife Folder
VDS Vertical Stacker

Baum 20 w/ Right-Angle in Tandem
Baum 20 Right Angle Rollaway Units

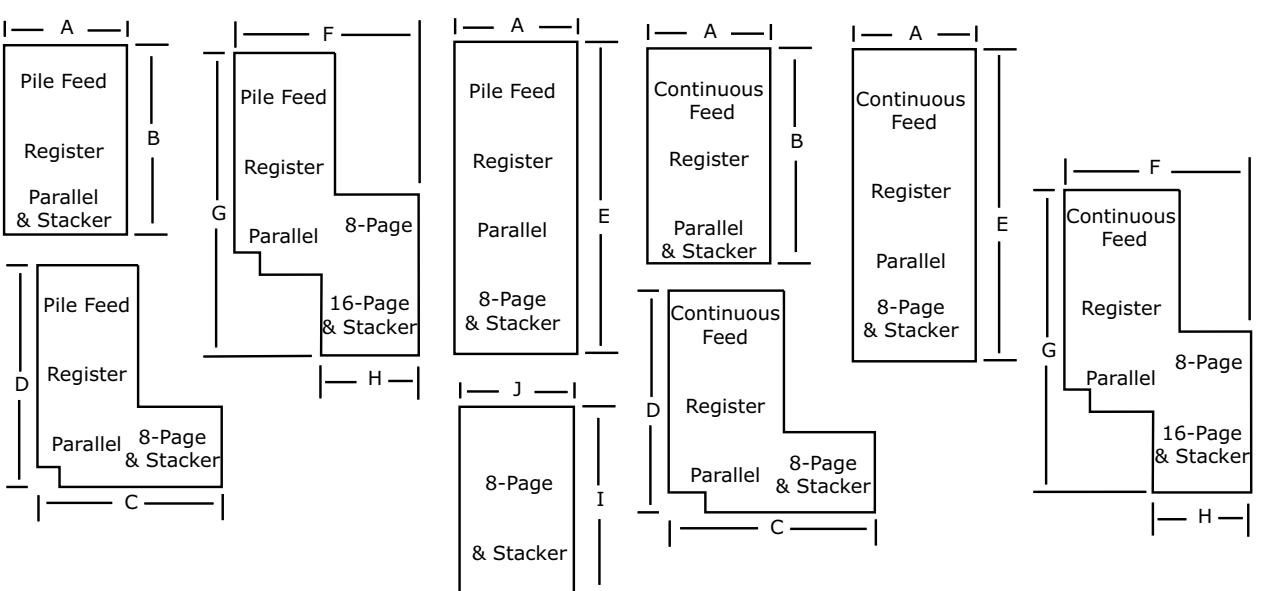
Baum 20 Pile w/ 8 & 16-Page Right-Angle Units

- 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

Productivity and give you years of trouble-free operation. The Baum 20 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 20 folder promises to boost your bindery's productivity and give you years of trouble-free operation.

Baum 20 Folder Floor Layouts

Baum 20	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



Specifications - Baum 20 Continuous & Pile Feeders:

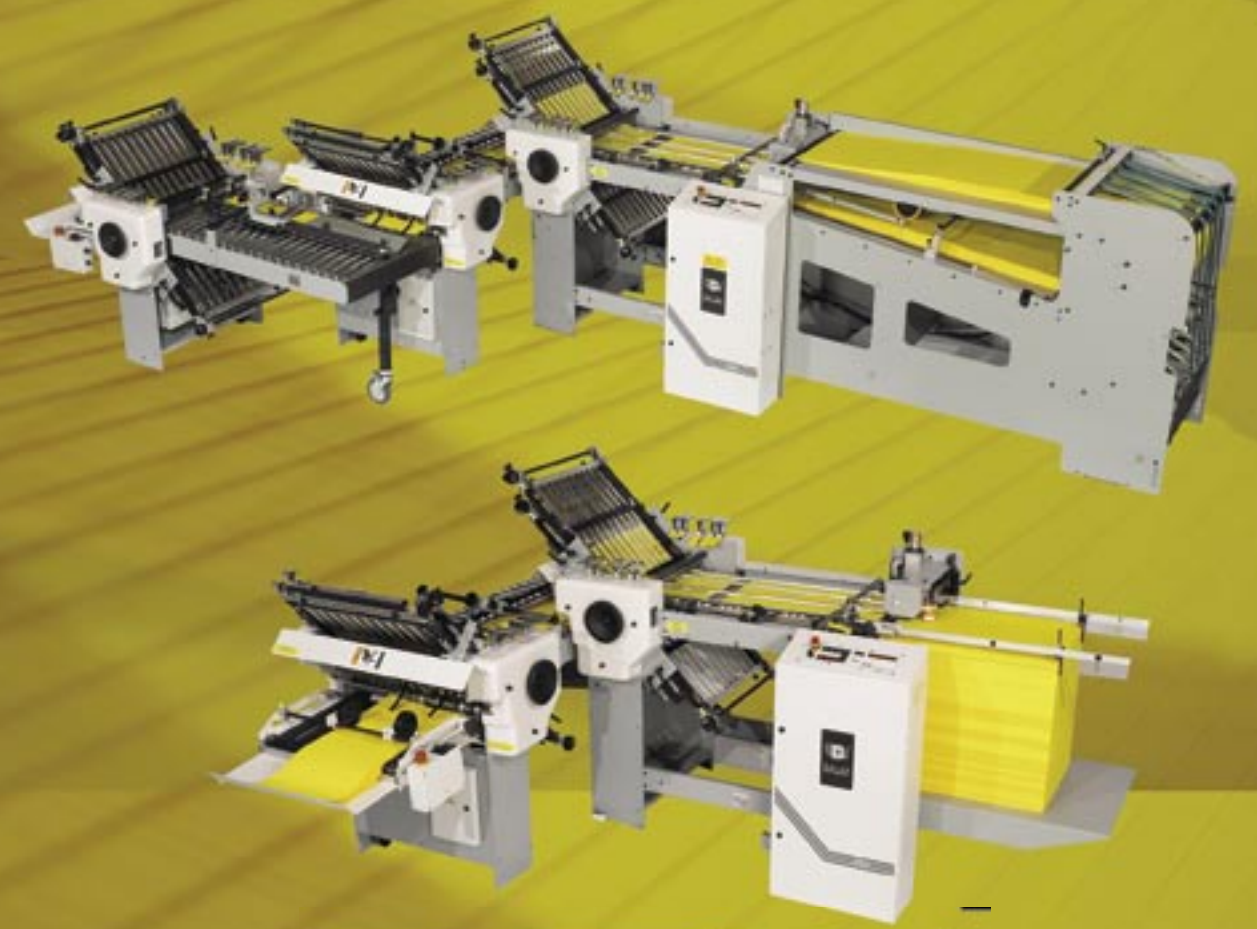
Baum 20	Continuous	Pile
Maximum Sheet Size	20.5" x 33"	20.5" x 33"
Minimum Sheet Size	4" x 6"	4" x 6"
Fold Rolls (Std.)	Combination Poly/steel	Combination Poly/steel
Electrics (Std.)	220/3/60	220/3/60
Pump Drive	3 HP	1-1/2 HP
Pile Stack Height	25"	25"
Baumset Roller Settings	Standard	Standard
Fold Plates	3 per section	3 per section
	4th fold pan optional	4th fold pan optional
Slitter Shaft Diameter	1-1/8"	1-1/8"
Speed	8200 ipm	8200 ipm
Fold Roll Drive	3/4 HP AC Inverter	3/4 HP AC Inverter
Shipping Weights:		
Pile/Par/Stacker	1600 lbs.	1600 lbs.
Continuous Feeder only	1400 lbs.	1400 lbs.
Parallel/Stacker [for continuous]	860 lbs.	860 lbs.
8-Page	860 lbs.	860 lbs.
16-Page	860 lbs.	860 lbs.

NOTE: Specifications subject to change without notice.

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BAUM 20 Pile or Continuous Feed



BAUM 20 – Pile & Continuous Feeders



Fabricated Fold Plates

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



Baumset Roller Settings

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

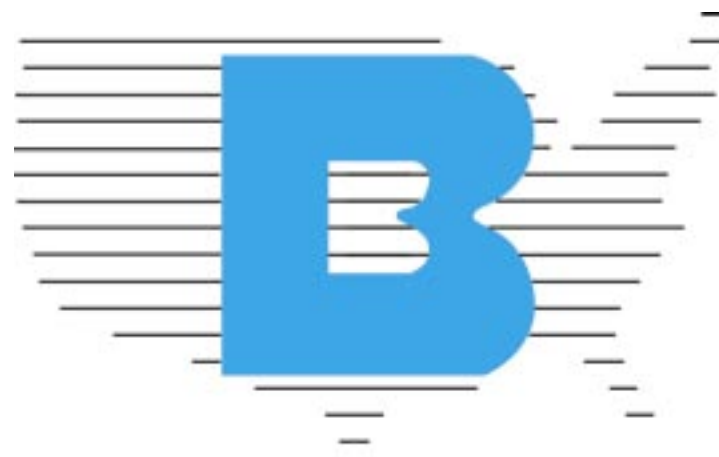
Combination Fold Rolls

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.



Slitter Shafts

Heavy-duty 1-1/8" diameter slitter shafts are ground and polished high-grade steel for precision slitting, scoring, perforating and smooth moveability of accessories. Baum'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.



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.



BAUM 20 Floor-Model Folder with Pile Feeder and 8-Page Right Angle



Patented Double Blow Bar [Pile]

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.

BAUM 20 Floor-Model Folder with Continuous Feeder and 8 & 16-Page Right Angles



Continuous Feeder

The Baum 20 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.



New Easy-Set Double Sheet Caliper

Quick and easy to adjust, the double sheet caliper 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 20 Operator Control Panel provides several exclusive features that improve productivity including:

- **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.
- **Easy Mode** – Automatically sets the sheet gap and vacuum duration length.
- **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.



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.

Built for Safety

- Full operator safety guarding including fold roll nip guards
- Electrical overload protection
- Disengaging safety handwheel doesn't rotate while running



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