Precision Gear Driven Automatic Band Saws

For additional saws and information, visit our website at patmooneysaws.com

- Automatic Pivot Style Series
- Automatic Dual Column Style Series

PAT MOONEY SAWS®
CUSTOMIZED SOLUTIONS

Our Partnership Continues…

Pat Mooney established Pat Mooney, Inc. in 1949 to serve the Metal Cutting Industry. Since our company was founded, our product offering has expanded and evolved making us a market leader in the industry. Pat Mooney's philosophy was to always remember that we are in the business to serve our customers and provide solutions to each and every one. This philosophy continues today. We are known throughout the industry for the high level of product knowledge, technical and customer service that we bring to each customer's specific needs.

Today, Pat Mooney Saws continues to be family owned and operated by the 3rd and 4th generations (Pat Mooney's grandson and great-grandsons). For 70 years, we have been innovators in the Metal Cutting Industry. Our partnerships, together with the highest quality saw blade and machinery builders, have made us a market leader for sawing products.

Our partnership with FMB was established in 1990.

FMB Sawing Technology

FMB was founded in 1982. At this time, the market for precision sawing was dominated by circular saws. FMB was one of the very fi st manufacturers to introduce the European-style band saw machine as a replacement for circular saws. FMB's Manual Pull Down Bandsaw is the original and today, it is the standard for this style machine. Its precision saw blade guide system, true direct drive saw motor, heavy cast sawhead, and rigid construction ensure that your FMB saw will provide accurate cuts year after year.

Since 1982, FMB has greatly expanded its product offering. They now offer over 30 models with cutting capacities ranging from 8-5/8" to over 20 inches. Within their product offering, there are Manual, Gravity Feed, Semi-Automatic, and Fully Automatic Horizontal Bandsaws, Vertical Tilt-Frame Bandsaws, and CNC Drilling Centers.

FMB has invested in their engineering and technical department so they can continue to build the most precise bandsaws on the market. All FMB machines are subject to a series of tests during and after production to ensure that each machine is produced to their high quality standard.

With Partnership Comes Innovation

Pat Mooney Saws is headquartered in Addison, IL. We have a total of 60,000 sq. ft. with 10,000 sq. ft. dedicated to our Training and Technical Center that houses over 15 machines under power. In our Training and Technical Center, we will perform test cuts, runoffs, and machinery demonstrations. We also offer training to our customers and dealer partners. We have a large, well-stocked inventory of saw machines, saw blades, and spare parts that are ready for delivery. Our knowledgeable technical and customer support staff will assist you and answer all your questions.

ZEUS

- CN Controlled Fully Automatic Operation
- Straight Cuts Only
- Hydraulic Split Front Vise – 2" Minimum Remnant
- 10-1/4" Round Cutting Capacity
- Inverter Controlled Infinitely Variable Blade Speed
- Easy-to-Use Control Panel for Job Setup
- Store up to 99 cut jobs

Cutting Capacity	0 Degree	Bundle
Round	10-1/4"	—
Rectangle A	10-1/4" x 10-5/8"	4-1/3" x 10-5/8"
Square	10-1/4" x 10-1/4"	—

Blade Size	Blade Speed	Saw Motor Power	Shuttle Stroke	Voltages Available	Foot Print	Weight
10'10" x 1" x .035"	Variable 52 to 394 FPM	2 HP	19.68"	220v/3PH, 440v/3PH	91" x 75"	2,420 lbs.

JUPITER

- CN Controlled Fully Automatic Operation
- Up to 60-degree miter
- 10-1/4" Round Cutting Capacity
- Inverter Controlled Infinitely Variable Blade Speed
- Easy-to-Use Control Panel for Job Setup
- Store up to 99 cut jobs

Cutting Capacity	0 Degree	45 Degree	60 Degree	Bundle
Round	10-1/4"	10-1/4"	7"	—
Rectangle A	10-1/4" x 12-1/4"	4-3/4" x 11-1/2"	3-1/2" x 7-1/2"	4-1/3" x 10-5/8"
Square	10-1/4" x 10-1/4"	10-1/4" x 10-1/4"	7" x 7"	—

Blade Size	Blade Speed	Saw Motor Power	Shuttle Stroke	Voltages Available	Foot Print	Weight
10'10" x 1" x .035"	Variable 52 to 394 FPM	2 HP	19 .68"	220v/3PH, 440v/3PH	91" x 75"	2,530 lbs.

Pivot Style Series

PEGASUS CNC

- CNC Controlled Fully Automatic Operation
- Automatic Mitering – Up to 60-degrees in automatic cycle
- Scrap Optimization Software
- 1-1/4" Width Saw Blade
- 13" Round Cutting Capacity
- Inverter Controlled Infinitely Variable Blade Speed
- Easy-to-Use Touchscreen Control for job setup
- Store up to 99 cut jobs

Cutting Capacity	0 Degree	45 Degree	60 Degree	Bundle
Round	13"	12-1/2"	9"	—
Rectangle A	13" x 20"	10-1/4" x 13-1/2"	6-1/4" x 9"	8" x 16-1/8"
Square	13" x 13"	10-1/4" x 10-1/4"	6-1/4" x 6-1/4"	—

Blade Size	Blade Speed	Saw Motor Power	Shuttle Stroke	Voltages Available	Foot Print	Weight
13'6" x 1-1/4" x .042"	Variable 52 to 394 FPM	4 HP	39.37"	220v/3PH, 440v/3PH	181" x 95"	4,775 lbs.

Hercules+CN1000

- Fully Automatic Operation
- Dual Column Band Saw
- Full Enclosure
- 39” Material Indexing Stroke
- A ball screw with encoder controls the material indexing
- 13” Round Cutting Capacity
- 1-1/4” Wide Saw Blade
- FMB’S SMARTCUT – Faster Cut Times without sacrificing blade life
- Servo Valve Controlled Feed Rate with linear encoder
- Material Table with recommended blade speeds and feed rates
- Machine Weight 4079lbs
- 2 Inch Remnant

Cutting Capacity	0 Degree
Round	13”
Rectangle	13” x 20”
Square	13”
Bundle Capacity – Maximum	5.9” x 18.89”
Bundle Capacity – Minimum	5.5” x 5.5”

Blade Size	Blade Speed	Saw Motor Power	Indexing Stroke	Hydraulic Motor	Coolant Pump Motor	Voltages	Weight	Footprint	Worktable Height
13’6” x 1-1/4” x .042”	Variable 52 to 393 FPM	4 HP	39”	2 HP	0.25 HP	440v/3PH (220v/3PH available with transformer)	4,079lbs	99” x 87”	29.53”

Automatic Dual Column Series

Athena H34A

- Fully Automatic Operation
- Dual Column Bandsaw
- Full Enclosure
- 20” Material Indexing Stroke
- A ball screw with encoder controls the material indexing
- 14” Round Cutting Capacity
- 1-1/4” Wide Saw Blade
- FMB’S SMARTCUT – Faster Cut Times without sacrificing blade life
- Servo Valve Controlled Feed Rate with linear encoder
- Material Table with recommended blade speeds and feed rates
- 2.75 Inch Remnant

Cutting Capacity	0 Degree
Round	14”
Rectangle	14” x 18”
Square	14” x 14”
Bundle Capacity – Maximum	14” x 18”
Bundle Capacity – Minimum	6.89” Width

Blade Size	Blade Speed	Saw Motor Power	Indexing Stroke	Hydraulic Motor	Coolant Pump Motor	Voltages	Weight	Footprint	Worktable Height
15’ 10-1/2” x 1-1/4” x 0.042”	52 to 393 FPM	5.5 HP	20”	2 HP	2 x 0.25 HP	440v/3PH (220v/3PH available with transformer)	6,500 lbs	107” x 64”	35.43”

Athena H41A

- Fully Automatic Operation
- Dual Column Bandsaw
- Full Enclosure
- 20” Material Indexing Stroke
- A ball screw with encoder controls the material indexing
- 18” Round Cutting Capacity
- 1-1/2” Wide Saw Blade
- FMB’S SMARTCUT – Faster Cut Times without sacrificing blade life
- Servo Valve Controlled Feed Rate with linear encoder
- Material Table with recommended blade speeds and feed rates
- 2.75 Inch Remnant

Cutting Capacity	0 Degree
Round	18”
Square	18 x 18””
Bundle Capacity – Maximum	18” x 18”
Bundle Capacity – Minimum	6.89” Width

Blade Size	Blade Speed	Saw Motor Power	Indexing Stroke	Hydraulic Motor	Coolant Pump Motor	Voltages	Weight	Footprint	Worktable Height
8’ 9-1/2” x 1-1/2” x 0.051”	52 to 393 FPM	7.5 HP	20”	2 HP	2 x 0.25 HP	440v/3PH (220v/3PH available with transformer)	7,500lbs	122” x 98”	36”

PAT MOONEY SAWS HELPS COMPANIES MAXIMIZE SAWING PERFORMANCE THROUGH INNOVATION, APPLICATION INSIGHT, AND DEDICATED TECHNICAL SUPPORT.

OUR 60,000 SQUARE FOOT HEADQUARTERS IN ADDISON, ILLINOIS

- Sales office
- Machine showroom
- Technical support and training facility
- Warehouse for machines, blades and spare parts
- Fabrication and assembly shop for material handling equipment

PAT MOONEY SAWS®
CUSTOMIZED SOLUTIONS

FMB

Schedule your LIVE virtual demo today!
patmooneysaws.com
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