



## PAT MOONEY, INC.

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# PMI Panther H-400S

## NC CONTROLLED FULLY AUTOMATIC HORIZONTAL DOUBLE COLUMN BAND SAW

The PMI Panther H-400S fully automatic horizontal double column band saw with NC touchscreen control offers high performance sawing capability where production, accuracy and ease of set up are of importance. The saw is ideal for machine shops and metal service centers that cut a wide variety of materials up to 16" in diameter. The feed rate is controlled by a servo motor with a ball screw so the operator can set a precise chip load on the touchscreen. This allows the machine to run carbide tipped saw blades and saw hard-to-cut materials. The servo feed rate cutting control system provides feed back so the cutting rate can be automatically adjusted to ensure optimal cutting conditions. This feature will provide faster cutting performance and while maintaining saw blade life.

### Standard Equipment:

- NC 5.7" touchscreen control for setting length of cut and number of cuts on multiple jobs
- Power driven chip brush
- Hydraulic blade tension control
- Multiple shuttle strokes
- Idler wheel motion detector
- Split front vise
- Floating shuttle vise system
- High Efficiency Motor with Gearbox
- Feed Rate is Servo Controlled with a Ball Screw
- Out of material alarm
- Automatic chip conveyor
- Variable speed drive with inverter
- Unique 2 way carriage vise jaw
- Work light and spray hose for machine cleaning
- Auto head-elevation and rapid approach
- Full stroke cylinder for front and rear vise
- Auto kerf loss compensation
- Hydraulic moveable guide arm
- Hydraulic blade guides

### Bonus Equipment:

- 7' Roller Table
- One bimetal blade

### Technical Data:

Material Shape	Cutting Capacity	Bundle
Round	16"	
Square/Rectangle	16" H x 16" W	9" H x 12-5/8" W

Blade Size	Blade Speeds	Blade Motor	Servo Motor	Dimensions	Gross Weight	Hydraulic Motor	Coolant Motor
17'4-1/2" x 1-1/2" x .050"	Variable 69 to 400 FPM	7.5 HP	2 HP	84" W x 99" L x 84" H	6,600lbs	2 HP	1/4 HP

