



PAT MOONEY, INC.

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JUPITER H34 CN

FMB PRECISION GEAR DRIVE SAWS - AUTOMATIC SERIES

The Jupiter CN offers production, accuracy, ease of set and versatility in a compact package. The CN control allows for the operator to simply punch in the cut length, how many cuts he wants and press the start button. The sawhead pivots from 0-60 degrees to set up a mitre cut in seconds. The CN control can store 99 cutting jobs and also offers scrap minimization.

Standard Features & Equipment:

CN cutting control manages your cutoff programs, simply input via the keypad, the desired length, number of pieces, blade speed, etc. and the machine will monitor the cutoff jobs for accuracy, includes CN back gauge encoder, and servo motor.

- Heavy Duty Machine Base
- CN control for set up of 99 cutting jobs
- Swivel sawhead 0-45 degrees in auto cycle, 0-60 degrees in semi- automatic
- Mechanical band tension with built in indicator
- Precision Carbide Blade Guides with Roller Guides
- Planetary Gear Drive with Reductor unit with case hardened and ground helical gears, greased and lubricated for long life
- Flood Coolant System with automatic return
- Large chip pan with coolant drain
- Positive hydraulic downfeed of the sawblade
- Hydraulic clamping
- Hydraulic gripper vise for index material
- Sawblade return Height Control
- Fast Approach of Blade to the material
- Two speed infeed system to slow feed of material to zero
- Infinitely variable blade speeds 50-400 FPM via inverter
- Blade Breakage Switch to shut machine off in case of blade breakage
- Motion Detector to sense if blade stalls in material
- Self Centering Feed Vise for crooked or bent material
- Mechanical hold down for stack cutting
- Electrically Driven Chip Brush
- Roller extension with coolant return tray

Technical Data:

| Cutting Capacity | 0 Degree | 45 Degree | 60 Degree |
|-------------------------|-------------------|------------------|------------------|
| Round | 12 1/2" | 12 1/2" | 7-3/4" |
| Rectangle | 12 1/2" x 16 1/8" | 10" x 14-1/8" | 5 1/8" x 9" |
| Square | 12 1/2" x 12 1/2" | 10" x 10" | 5-1/8" x 5-1/8" |
| Bundle | | | |

- Blade Size: 13'6" x 1-1/4" x .042"
- Stroke: 39"
- Blade Speeds: Variable 50 to 400 FPM
- Saw Motor: 4 HP Direct Drive
- Floor Space: 102" x 90"
- Machine Weight: 4,400 lbs
- Hydraulic Motor : 1.5 HP
- Coolant Motor: 1/8 HP