



**PAT MOONEY, INC.**

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**OMEGA**

**FMB PRECISION GEAR DRIVE SAWS - PRO-DM PLUS MITRE SERIES**

The OMEGA V offers semi automatic operation of the cutting cycle, complete with hydraulic clamping, positive hydraulic cutting pressure and auto return after the cutting cycle.

**Standard Features & Equipment:**

- Swivel saw head with a precision protractor and 0-60 degrees right, 0-45 degree left
- All gear saw drive with infinitely variable speeds via varmec variable drive
- Heavy duty machine base with locking cabinet
- Hydraulic vise
- Positive hydraulic down feed of the saw blade
- Semi automatic operation
- Automatic return height adjustment of the saw head
- Mechanical blade tension with built in indicator
- Precision carbide blade guides with roller guides
- Length stop (23" long)
- Saw drive via gear reductor with case hardened and ground helical gears
- Flood coolant system
- 24 volt control voltage
- Fast approach
- Specify voltage at the time of order (220/3ph, 440/3ph)
- One FMB cobalt band saw blade and operating manual

**Technical Data:**

Cutting Capacity	0 Degree	45 Degree/right	60 Degree	45 Degree/left	Bundle
Round	9"	6 5/8"	3 7/8"	5 1/8"	
Rectangle	5 1/8" x 12"	6 1/4" x 7"	4 3/4" x 3 7/8"	3 7/8" x 5 1/8"	4 3/4" x 11"
Square	9" x 9"	6 1/4" x 6 1/4"	3 7/8" x 3 7/8"	4 1/3" x 4 1/3"	

- Blade Size: 8'10" x 1" x .035"
- Blade Speeds: Variable 62-310 FPM
- Saw Motor: 1.5 HP
- Hydraulic Motor: .5 HP
- Coolant Motor: 1/8 HP
- Floor Space: 32" x 55"
- Machine Weight: 1,060 lbs