



**PAT MOONEY, INC.**

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**ORION+G**

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

FMB Mitre Bandsaws combine advantages of a circular cold saw with the speed of an abrasive saw and capacity of a traditional bandsaw. Due to cutting accuracy and squareness, large capacity and pivoting sawhead, FMB Mitre Bandsaws are ideal for a wide range of iron, steel fab and machine shops.

**Standard Features & Equipment:**

- Swivel saw head with precision protractor  
Mitre 0 – 45 degree left and 0-60 degree right
- Heavy duty machine base with locking cabinet
- Quick acting clamp
- 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
- 2 speed motor
- Specify voltage at the time of order  
(110/1ph, 220/3ph, 440/3ph)
- One FMB cobalt band saw blade and operating manual

**Technical Data:**

Cutting Capacity	0 Degree	45 Degree/Right	60 Degree/Right	45 Degree/Left
Round	9-1/2"	6-7/8"	4-1/3"	6"
Rectangle A	8" x 12"	6-5/8" x 6-5/8"	5-1/2" x 4"	5" x 5-5/8"
Rectangle B	9-1/2" x 10-5/8"	9-3/8" x 6"	--	9-3/8" x 2-1/2"
Square	9-1/2" x 9-3/8"	6-5/8" x 6-5/8"	4" x 4"	5-1/3" x 5-1/3"

Blade Size	Blade Speed	Saw Motor Power	Voltages Available	Foot Print	Weight
8'10" x 1" x .035"	115 and 230 FPM (110v/1PH is 1 Speed-230 FPM)	1.75 HP	220v/3PH 440v/3PH 110v/1PH	35" x 57"	950 Lbs.

**FMB Orion G Model with Hydraulic Cutting Control** – The “G” allows using either the pull down for fast sawing and operation on light jobs with added convenience of hydraulic downfeed for heavy tubes, profiles and solids. The “G” lets you “walk away” while the machine completes the cut and shuts off.